

ANNEXURE 2

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	Standard	Definition	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Self Assessment of the city (for Pan- City Solution) with regard to each feature	Basis for assessment and/or quantitative indicator	Projection of 'where the city wants to be' with regard to the feature / indicator	Single Initiative / Solution that would move the city from its current status to Advanced status
1	Citizen participation	A smart city constantly shapes and changes course of its strategies incorporating views of its citizen to bring maximum benefit for all. (Guideline 3.1.6)	The City begins identifies priorities and projects to pursue without consulting citizens.	City undertakes citizen participation with some select stakeholders. The findings are compiled and incorporated in some projects or programs. Very few major decisions are shared with -citizens until final projects are unveiled.	City conducts citizen engagement at city level and local area level with most stakeholders and in most areas. The findings are compiled and incorporated in projects or programs.	City constantly conducts citizen engagement with people at each Ward level to incorporate their views, and these shape priorities and development projects in the city. Multiple means of communication and getting feedback such, both face-to-face and online are utilized. The effectiveness of city governance and service delivery is constantly enhanced on the basis of feedback from citizens.	Scenario 1	1. Smaller nature of UT allows easy access of administration to its Citizens 2. Pudukkural - An online CPGRAMS based Public Grievances Redressal System is actively used by Citizens (pudukkural.puducherry.gov.in) 3. Common service centers are available only at major locations of core city. 4. 40% of e-governance services are already provided viz Issue of documents (birth and death certificates), Disclosure of documents (budgets, plans etc.),Tendering (for various works) across various departments/ utilities 5. One way communication through Facebook Community Page, Twitter Handle (for e.g. @pondylad for Local Administration Department), Press Briefings, Local News Channels, etc	Scenario 4	1. City's vision emphasis on participatory decision making. To achieve this the SPV will have a specialized wing to engage with citizens for public cooperation 2. Citizen Smartphone Application aimed at participative Governance
2	Identity and culture	A Smart City has a unique identity, which distinguishes it from all other cities, based on some key aspect: its location or climate; its leading industry, its cultural heritage, its local culture or cuisine, or other factors. This identity allows an easy answer to the question "why in this city and not somewhere else?" A Smart City celebrates and promotes its unique identity and culture. (Guideline 3.1.7)	There are few architectural monuments, symbols, and festivals that emphasize the unique character of the city. Built, natural and cultural heritage is not preserved and utilized or enhanced through physical, management and policy structures.	Historic and cultural resources are preserved and utilized to some extent but limited resources exist to manage and maintain the immediate surroundings of the heritage monuments. New buildings and areas are created without much thought to how they reflect the identity and culture of the city.	Historic and cultural heritage resources are preserved and utilized and their surroundings are well-maintained. Public spaces, public buildings and amenities reflect the cultural identity of the city.	Built, natural and intangible heritage are preserved and utilized as anchors of the city. Historical and cultural resources are enhanced through various mediums of expression. Public spaces, open spaces, amenities and public buildings reflect local identity and are widely used by the public through festivals, events and activities.	Scenario 2	1. 76% of Government owned heritage buildings are rehabilitated and/or brought under adaptive reuse 2. Puducherry attracts 12,97,192 tourists annually of which 90% are domestic tourists, with a steady growth of 10% per annum in number of domestic tourists. 3. From 2012 to 2015 the number of Foreign tourists have doubled from 52,931 to 1,06,153 4. The average number of bed nights spent in Puducherry by foreign tourist is 4 nights (2016) against 3 nights (2013) and that of domestic tourists is 2 nights (2016) against 1 night (2013)	Scenario 4	1. 143-year-old Mairie building is proposed to be reconstructed in traditional way retaining the same design 2. Three government owned heritage buildings namely, Calve College, VOC School, Pensionat de Jeunes Filles are proposed to be restored 3. Improvement of historic Vedapureswarar, Perumal Temple and Sacred Heart Church are proposed 4. Apart from the above mentioned buildings, all the identified historic structures buildings in the ABD will be restored and suggested for adaptive reuse 5. The draft RERA Act has provision to regularize the uniformity of the heritage buildings in the ABD area. 6. The grand canal development can have multiple level of impact -- Improved mobility and facilitating NMT --The key spine that links the French and Tamil Town 7. Urban Entertainment Village and Art & Cultural Center proposed to promote cultural activities 8. MoUs are being proposed with two cities viz, French Reunion Island, Staint Denis and Fort Louis and Mauritius for cultural exchange. 9. Museums will be revamped and new virtual reality museum will be setup

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3	Economy and employment	A smart city has a robust and resilient economic base and growth strategy that creates large-scale employment and increases opportunities for the majority of its citizens. (Guideline 2.6 & 3.1.7 & 6.2)	There are some job opportunities in the city but they do not reach all sections of the population. There are a high number of jobs in the informal sector without sufficient facilities.	There is a range of job opportunities in the city for many sections of the population. The city attempts to integrate informal economic activities with formal parts of the city and its economy.	There are adequate job opportunities for all sections of society. But skill availability among residents can sometimes be a challenge.	There are adequate opportunities for jobs for all sections of income groups and skill levels. Job-oriented skill training supported by the city and by industry. Economic activities are suited to and build on locational and other advantages of the city.	Scenario 2	1. The workforce participation is 36% of the total population. 2. Puducherry is the fifth richest economy of India, according to MoSPI, GoI (Ministry of Statistics and Programme Implementation), 2015. 3. Puducherry has INR 2,43,824 per capita income (2014-15) which is one of the highest in country, about 60% of the municipality population earns more than INR 1,50,001	Scenario 3	1. Investment in tourism sector will have multiplier impact on employment generation. In addition to formal sector employment, informal sector will also be encouraged 2. Facilitate informal sector activity (organized hawker zones along Grand canal, Anna Thidal , Promenade, etc.), redevelopment of existing Goubert market 3. Increased provision of new commercial spaces viz Smart Integrated Bus Terminus, Intracity Bus Terminus, Swadeshi Mill , etc to enhance employment opportunity 4. The Single Window System for investment monitored by CCC will facilitate the start-ups for ease of doing business. All regulatory functions such as approvals will be coordinated. 5. Service sector opportunities in repair and maintenance has high potential and hence app driven service providers for electricians, plumbers, appliance repair technicians, home cleaners, pest control experts will be available
4	Education	A Smart City offers schooling and educational opportunities for all children in the city (Guideline 2.5.10)	The city provides very limited educational facilities for its residents. There are some schools but very limited compared to the demand. Many schools are in poor condition.	City provides adequate primary education facilities within easily reachable distance of 15 minutes walking for most residential areas of the city. The city also provides some secondary education facilities.	City provides adequate primary and secondary education facilities within easily reachable distance for most residential areas of the city. Education facilities are regularly assessed through - databases of schools including number of students, attendance, teacher - student ratio, facilities available and other factors.	City provides adequate and high-quality education facilities within easily reachable distance of 10 minutes walking for all the residential areas of the city and provides multiple options of connecting with specialized teaching and multi media enabled education. Education facilities are regularly assessed through database of schools including number of students, attendance, teacher-student ratio, facilities available and other factors.	Scenario 3	1. Literacy Rate of 91% (amongst top 10 States/UT of India) 2. Puducherry has a total of 113 schools in the municipality area. 3. There are premier central educational institutions, universities and 8 premier medical colleges besides other professional institutions in and around Puducherry 4. According to ALL INDIA SURVEY ON HIGHER EDUCATION, 2011 Puducherry UT has college density of 64 as compared to All India average of 25, which is the highest in the country. i.e. the number of colleges per lakh eligible population (population in the age-group 18-23 years) 5. 2nd Position in Educational Development Index with an EDI score of 0.696 (As per NUEPA's 2013-14 Index for Upper Primary Level).	Scenario 4	1. Three government owned heritage educational institutions will be retrofitted and digitized with e-learning features and Centralized Digital Library 2. Improvement of last mile connectivity such as e-rickshaws and cycle sharing system with special routes connecting residential pockets and educational institutions, thereby providing a medium for students to travel between public transport node and schools

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5	Health	A Smart City provides access to healthcare for all its citizens. (Guideline 2.5.10)	Healthcare is difficult for citizens to access - demand for healthcare often exceeds hospitals' ability to meet citizen needs.	The city provides some access to healthcare for its residents but healthcare facilities are overburdened and far from many residents. Access to preventive health care is only easily available for some residents.	City provides adequate health facilities within easily reachable distance for all the residential areas and job centers of the city. It has an emergency response system that connects with ambulance services.	City provides adequate health facilities at easily accessible distance and individual health monitoring systems for elderly and vulnerable citizens which are directly connected to hospitals to prevent emergency health risks and to acquire specialized health advice with maximum convenience. The city is able to foresee likely potential diseases and develop response systems and preventive care.	Scenario 3	<ol style="list-style-type: none"> 1. There are 8 premier medical institutions in and around the city 2. The population of Puducherry has an accessible medical care within an average distance of 1.18 kms through a network of Primary Health Centers, Sub Centers, Disease specific clinics besides 5 Hospitals. 3. To improve the overall health of adolescent girls in the Union Territory of Puducherry, special school health programmes was initiated comprising of general health check-up, haemoglobin estimation and treatment of anemia, de-worming, nutrition, immunization, health promotion, raising awareness about sexual and reproductive health. 4. The Union Territory of Puducherry is declared as Leprosy Free State. 5. 100% Pulse Polio Immunization successfully achieved throughout the state 6. Hospital Information System has been established through computerization and transmission of various investigation results to the wards 7. Achieved 2.45:1000 Bed-Population 	Scenario 4	<ol style="list-style-type: none"> 1. Emergency Response and City Incident Management System, through CCTV surveillance and CCC 2. e-health cards for real-time personal health record system with access to digitized medical information of individual

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6	Mixed use	A Smart City has different kinds of land uses in the same places; such as offices, housing, and shops, clustered together. (Guidelines 3.1.2 and 3.1.2)	The city has mostly separated uses and areas are focused either on residential, commercial, or industrial, with little co-existence of uses. The average resident cannot walk to the closest market or shops near his or her home. For almost everyone, going to work or going shopping for basic needs requires a journey by automobile or bus of more than 15 minutes. Land use regulations prevent putting commercial or office locations in residential neighborhoods and vice versa.	In some parts of the city , there is a mixture of land uses that would allow someone to live, work, and shop in close proximity. However, in most areas, there are only small retail stores with basic supplies near housing. Most residents must drive or use public transportation to access a shop for food and basic daily needs. Land use rules support segregating housing, retail, and office uses, but exceptions are made when requested.	Most parts of the city have housing, retail, and office buildings in close proximity. Some neighborhoods have light industrial uses within them (e.g., auto repair, craft production). Land use rules allow for mixed uses.	Every part of the city has a mix of uses. Everyone lives within a 15-minute trip of office buildings, markets and shops, and even some industrial uses. Land use rules require or encourage developers to incorporate a mixture of uses in their projects.	Scenario 2	1. 10% of the Total area along major transit corridors are under non-residential land use against the MoUD benchmark of 30%	Scenario 4	1. The Comprehensive Development Plan (CDP) of the City is under preparation and will be implemented from June, 2017. The CDP will be incorporated with the Value Capture Financing framework (VCF) and Transit Oriented Development (TOD) policies of MoUD,GoI that would enable the City to raise revenues through these innovative financing and developmental means. 2. Projects such as Smart Integrated Bus Stand, commercial development in Swadeshi Mill and Intracity bus stand proposed to bring about TOD and leverage VCF
7	Compact	A Smart City encourages development to be compact and dense, where buildings are located close to one another and are ideally within a 10-minute walk of public transportation, forming concentrated neighborhoods. (Guidelines 2.3 and 5.2)	The city is expanding rapidly at its periphery into undeveloped land, rural or natural areas, or along industrial corridors - both formally and informally. Formal new development is occurring in a way that is "sprawling," meaning that the buildings spread across a wide area and are far from one another. Residents or tenants find it easier or safer to travel by automobile because it takes a long time to walk between destinations and there are busy roads separating buildings. Large pockets of land in the inner-city are vacant. New developments at the periphery tend to be large-scale residential developments, often enclosed with a gate and oriented to the automobile.	The city has one or two high density areas - such as the city center, or historic areas, where buildings are concentrated together and where people can walk easily from building to building and feel as though they are in center of activity. Most of the city consists of areas where buildings are spread out and difficult to walk between, sometimes with low-density per hectare. Regulations tend to favor buildings that are separated from one another, with lots of parking at the base and set-back from the streets. The city likely has some pockets of under-utilized land in the center. New formal developments at the periphery tend to be large-scale residential developments, often enclosed with a gate and oriented to the automobile.	The city has multiple high density clusters that are easy to walk around where buildings are close together. However, the city actively encourages development to occur on under-utilized parcels of land into high-density, walkable areas. When new formal large-scale development projects happen at the periphery, they are encouraged to be dense and compact, with buildings that are close together and line the streets. The city actively encourages or incentivizes re-development of under-utilized parcels in the inner-city, especially those located close to public transportation.	The city is highly compact and dense, making the most of land within the city. Buildings are clustered together, forming walkable and inviting activity centers and neighborhoods. Regulations encourage or incentivize re-development of under-utilized land parcels in the city center. Buildings are oriented to the street — and parking is kept to a minimum, located below ground or at the back of buildings. Public transport and walking connects residences to most jobs and amenities. Residential density is at an optimal with affordable housing available in most areas.	Scenario 2	1. The population density is 122 PPH which is much lower than the national average of 150 PPH. 2. The ratio of FSI along major transit corridors (2.5) to city wide FSI (1.8) is 1.39, against the national benchmark at >=3 3. The percentage of area under non-residential land use along major transit corridors to the total area along major transit corridor is 18%, compared to the national Service Level Benchmark by MoUD at 30% 4. Density concentrated more in the areas around boulevard (31 out of 42 wards have density 20,000 persons per sqkm)	Scenario 4	Ongoing exercise to revise Puducherry's Master Plan will integrate urban planning and transport planning along the Transit corridors to achieve the goal of Transit Oriented Development in harmony with the city goals

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8	Public open spaces	A Smart City has sufficient and usable public open spaces, many of which are green, that promote exercise and outdoor recreation for all age groups. Public open spaces of a range of sizes are dispersed throughout the City so all citizens can have access. (Guidelines 3.1.4 & 6.2)	The city has very few usable public open spaces and very few usable green spaces. Available recreational spaces are located far away and are dispersed at long distances around the city. The few available public open spaces offer a limited variety of experiences for all sections of population and age groups such as places for sport, places for rest, and places for play.	A variety of public open spaces are available in some neighborhoods, but are not available in all the areas of the city or are located far away from residential areas. Many of the open spaces have access restrictions, or are not well-maintained. A variety of types of public open spaces may be lacking, such as natural areas, green areas, parks, plazas, or recreation areas.	Most areas of the city have some sort of public open space. There is some variety in the types of public spaces in the city. However, public spaces are sometimes not within easy reach or access of more vulnerable populations and are more restricted in poorer neighbourhoods.	Public open spaces are well dispersed throughout the city. Every residential area and work space has access to open space within 10 minutes walking distance. Open spaces are of various types - natural, green, plazas, parks, or recreation areas - which serve various sections of people. Public spaces tend to truly reflect the natural and cultural identity of the city.	Scenario 2	~ Puducherry Municipality has around 1.023sqm of green space per person against the UDPFI guidelines of 10-12 sqm per person as the national standard ~ The average walking distance from dwelling units to access public space is 4.5 km, against the national benchmark by LEEDS-ND of 0.4km ~ Puducherry Municipality has 36 park sites	Scenario 4	1. Beach Promenade extension along with supporting recreation and entertainment facilities to boost tourism 2. Grand Canal rejuvenation, with recreational activities 3. Development of Botanical Garden to match national standards 4. Bharathi Park near the beach promenade is retrofitted with better infrastructure facilities providing avenues for recreation and people-to-people contact 5. Development of an open piazza in AFT Ground and Anna Thidal
9	Housing and inclusiveness	A Smart City has sufficient housing for all income groups and promotes integration among social groups. (Guidelines 3.1.2)	Housing is very limited and highly segregated across income levels. Population growth far exceeds the creation of new housing. The poor live in informal settlements with limited to no access to basic services, and are concentrated in a few areas. The wealthy live in separate enclaves. Those in the middle have few, if any options.	Housing is available at most income levels but is highly segregated across income levels. Population growth slightly exceeds the creation of new housing. The wealthy and the middle class have housing that meets their needs at costs appropriate to their income. The poor live in informal settlements.	Housing is available at all income levels, but is segregated across income levels. The growth of supply of housing almost meets the rate of population growth. Increasingly, lower and middle-income people can find housing in areas that are conveniently located.	A wide range of housing is available at all cost levels. The supply of housing is growing at pace with population. Affordable, moderate, and luxury housing are found clustered together in many areas of the city	Scenario 2	~ Growth in population greater than Growth in housing because of migration in the city ~ 67% of housing in slums are pucca or formal housing, Other houses have poor infrastructure and in a dilapidated condition. ~ Slum rehabilitation projects leading to Slum free city ~ % of slum households living in the city = 13% of total population	Scenario 3	1. Redevelopment of slums to accommodate all the housing demand (1,750 households) with Kachha and Semi - Pucca housing within ABD area (with provision for modern tenements) 2. Implement Housing For All policy to achieve create a Slum free City Status

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10	Transport	A Smart City does not require an automobile to get around; distances are short, buildings are accessible from the sidewalk, and transit options are plentiful and attractive to people of all income levels. (Guidelines 3.1.5 & 6.2)	Personal automobile centric city with very few modal options. Long trip lengths for daily commute to work and education. Accessing various areas by walking or cycling is difficult. Women and vulnerable sections find it very difficult to move independently in the city. There is limited public transport. Vehicles cause high air and noise pollution levels in the city. Vehicles dominate public spaces and affect their effective functioning.	The street network system is elaborate but public transport choices are restricted. Public transport can be too expensive or unaffordable for the poor. Pedestrian infrastructure is only available in select areas. That majority of investments focus on reducing traffic congestion through the creation of more roads.	Network of streets are fairly complete. Public transport covers most areas of the city. However last mile connectivity remains incomplete -and affects transport options- Foot paths are accessible in most areas, whereas-concerns of safe crossings and security throughout the day remain. Parking zones are demarcated but absence of pricing increases over utilization of parking lots.	Street network is complete and follows a clear structure. Public transportation network covers the entire city and intensity of connection relates with the demand. Plenty of options of public transport are available and affordable for all sections of the society. There is multi-modal integration at all mass transit stations and organized-priced on street and off street parking. Walking and cycling is prevalent.	Scenario 2	1. Total length of public transport network in the city is approx. 17 km per sq. km 2. City lacks exclusive NMT corridors 3. Comprehensive Mobility Plan prepared in 2015 4. Private vehicle ownership is more than 60%	Scenario 4	1. Projects like smart integrated bus terminus and Intracity bus terminus 2. Streets developed as complete streets with segregated space for cycling and walking. 3. Utilizing CCC for sound traffic management supported by Integrated Traffic Information System: real-time updates on traffic, bus / train routes, timing, bicycle availability at stations, parking locations etc. 4. Regulation of Intermediate Para Transit (E-rickshaws) in ABD 5. Streamlined parking with on-street parking, Multi-level Parking at strategic locations with efficient Public Transport facilitates last mile connectivity in ABD 6. Signal Synchronization, pelican signals for pedestrian safety 7. Iconic cycle track for 10.3 km and provision of bicycle tracks 8. Public transport corridor with e-bust stops and smart buses
11	Walkable	A Smart City's roads are designed equally for pedestrians, cyclists and vehicles; and road safety and sidewalks are paramount to street design. Traffic signals are sufficient and traffic rules are enforced. Shops, restaurants, building entrances and trees line the sidewalk to encourage walking and there is ample lighting so the pedestrian feels safe day and night. (Guidelines 3.1.3 & 6.2)	The city is designed mainly for the automobile. Daily life without a car requires long bus rides. Walking is difficult and often dangerous; there are few pavements, existing pavements need repair and lack trees to provide shade for pedestrians, and marked pedestrian crossings are rare. New buildings have their main entrances set-back from the street, sometimes with large driveways or parking lots separating them from the street, and sometimes are enclosed by gates. Traffic signals are often disobeyed	Older areas of the city see a mix of pedestrians, cyclists, and vehicles but newer areas are focused mainly on the automobile. In the new areas, there are few pavements and main entrances to new buildings are not accessible from the front of the street. large driveways or parking lots often separating them from the street, and sometimes are enclosed by gates. In these areas, traffic signals are disobeyed.	The city has a good network of pavements and bike lanes. Buildings in most areas of the city are easily accessible from the pavement. However, traffic signals are sometimes disobeyed and it can feel difficult to cross the street.	The city is highly walkable. Pavements exist on every street and are maintained. Trees line many sidewalks to provide shade for pedestrians. Buildings in most areas of the city are easily accessible from the sidewalk. Traffic signals control the flow of automobiles and are enforced. A network of bike lanes exists to promote cycling as a means of transport. Traffic rules are followed and enforced with great seriousness.	Scenario 2	1. Walking is difficult as footpaths are not continuous and encroached with trees, street lights, parking, manholes, property access, etc. 2. Pedestrianization of 1.5 km beach promenade after 6 PM 3. Road covered with footpaths- 16%	Scenario 4	1. ABD proposes Non-motorized roads, streets. Roads will be transformed into best in class pedestrian friendly roads with pavements 2. Pedestrianization of Nehru Street, Beach Promenade, Grand canal and Boulevard 3. White town to be made a vehicle free zone
12	IT connectivity	A Smart City has a robust internet network allowing high-speed connections to all offices and dwellings as desired. (Guideline 6.2)	City has no major plans to bring increased high speed internet connectivity to the public.	The city has made plans to provide high speed internet connectivity through the existing framework.	The city makes has high speed internet connectivity available in most parts of the city.	The city offers free wifi services to provide opportunity for all the citizens to connect with high speed internet across the city.	Scenario 2	National Pilot Project (by MeITY) on Digital Village was successful in Abhishegapakkam Village and hence MeITY has decided to cover 56 more villages in Puducherry UT	Scenario 4	- Create Wi-Fi ecosystem - 'City Wi-Fi Project'- Citywide Wi-Fi project along with dedicated OFC cabling will ensure data transfer for all G2G and G2C services; thereby, reducing operational expenditures. - Access points will be on street lights will enable a seamless internet connectivity in pan city

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13	Intelligent government services	A Smart City enables easy interaction (including through online and telephone services) with its citizens, eliminating delays and frustrations in interactions with government. (Guidelines 2.4.7 & 3.1.6 & 5.1.4 & 6.2)	Essential Government services are not linked with online platforms. Paper intensive interactions with the local Government continues. Receiving services and response to citizen complaints take a long time. There is limited availability of data to monitor service delivery.	Some of the public services are provided online and infrastructure for total digitalization is not in place. Service delays occur regularly in some sectors. Responses to citizen inquiries or complaints are often delayed. No integration between services and billing.	Most of the services are provided online and offline. Data transparency helps monitoring. Systems and processes to better coordinate between various Government agencies are being developed.	All major services are provided through online and offline platforms. Citizens and officials can access information on accounting and monitor status of projects and programs through data available on online system. Robust data infrastructure system shares information and enhances internal governmental coordination.	Scenario 2	1. 73 Nos. of services covering 12 Departments is accessible through E-district initiative, 148 Horizontal Connectivity from the PoP Centers to the Government offices. 2. Implementation plans ongoing for connecting Government buildings with E-Governance facilities	Scenario 4	CCC provides integration of multiple city sub systems on digital platform of - Traffic management; - Parking; - Bus/Para-transit operations; - Common City Pass?; - Emergency response and City Incident Management. This will result in safe mobility, responsive city operations and providing real time data support.
14	Energy supply	A Smart City has reliable, 24/7 electricity supply with no delays in requested hookups. (Guideline 2.4)	There is only intermittent electricity supply with regular power shedding. Many residents have to plan their days around when power is available.	Electricity supply and loads are managed as per demand and priority for various functions with clear scheduling, with electricity being available in many areas for most hours of the day.	Electricity is available in most parts of the city for most hours of the day but some areas are not so well-served. Smart metering exists in some parts of the city but not all.	Electricity is available 24 x 7 in all parts of the city with smart metering linked to online platforms for monitoring and transparency.	Scenario 3	1) Power supply coverage- 100%. 2) Scheduled power outage FY2015-16 is 552 hrs 38min & un-scheduled power outage is 621hrs 10min. 3) Existing 34,000 meters in Boulevard areas of Puducherry Municipality replaced with smart meters.	Scenario 4	1) 24 X 7 electricity supply 2) Initiatives undertaken for replacement of Additional 31000 meters in ABD areas and 40000 meters for pan city to smart meters. 3) Under R-APDRP scheme, SCADA DMS is being established which is expected to become operational by FY 2018-19. 4) 40,000 Sq.m government building undertaken for roof top solar. 5) Under R-APDRP scheme, 24 x 7 customer care centre to receive & resolve consumer grievances will be established and will be operational by March-2017.
15	Energy source	A Smart City has at least 10% of its electricity generated by renewables. (Guideline 6.2)	The city does not have any renewable sources of energy and there is no commitment to promote this for the foreseeable future.	The city is preparing plans for ensuring that it gets more energy from renewable sources and is in the process of making commitments in this regard.	Some energy consumed in the city is produced through renewable sources. There are long term targets for higher renewable energy capacities and the city is making plans to achieve these.	At least 10% of the energy used in the city is generated through renewable sources. The city is undertaking long-term strategic projects to tap renewable sources of energy in its region/beyond to increase the percentage of renewable energy sources.	Scenario 2	1) Presently all energy sources is from non-renewable energy. 2) Initiatives undertaken for use of solar energy under the solar energy policy- Order no.G.O. Ms. No 2/2016.Envi. dated 19th February 2016. 3) Off-grid solar power PV plants to a total capacity of 28 KWp at 4 locations are in service in government sector.	Scenario 4	City Intends to achieve 10% of power consumption through renewable energy sources. 1) 228.3KWp Grid connected solar power PV plants at 7 locations are in service in private sector in the ABD area. 2) Under IPDS project, 100KWp of solar generation is proposed on the roof top of government building. 3) Under the solar energy policy-Prosumers will be exempted from demand cuts, power cuts & other restrictions & controls provided that a minimum % of their annual energy consumption is generated from their solar energy system. 4) Solar energy equipment's will be exempted from VAT for a period of 5 years. 5) Implementation of smart bi- directional net meters (100%) under solar energy policy.

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16	Water supply	A Smart City has a reliable, 24/7 supply of water that meets national and global health standards. (Guidelines 2.4 & 6.2)	The city has a poor water supply system with limited water availability. There are no clear targets to achieve higher quality and optimal quantity standards. Unaccounted water loss is above 40%	The city has intermittent water supply and availability. However it is setting targets and processes in place to try to improve its water supply. Unaccounted water loss is less than 30%.	The city has 24 x 7 water supply in most areas but the quality of water does not meet international health standards. Unaccounted water loss is less than 20%.	The city has 24 x 7 treated water supply which follows national and global standards and also available in sufficient quantity and affordable across all sections of the society. Unaccounted loss less than 15%.	Scenario 2	Present supply rate is @125 lpcd; 95% service connections; 95% household coverage; 78% metered connections; 35% NRW losses; continuity of water supply @10hrs per day; 80% good quality water; 68% efficient in collecting water related charges.	Scenario 3	1) Treatment plants for TDS removal with a capacity of 5 MLD are proposed under AMRUT scheme at Thirukanji Bed Dam 2) 24x7 Water Supply in ABD area with reduction in NRW less than 20% 3) Source augmentation by tapping Ossuddu Lake
17	Water management	A Smart City has advanced water management programs, including smart meters, rain water harvesting, and green infrastructure to manage storm water runoff. (Guideline 6.2)	The city does not measure all its supply. It does not recycle waste water to meet its requirements and rain water harvesting is not prevalent. Flooding often occurs due to storm water run-off.	The city has meters for all its water supply but lacks mechanisms to monitor. Water wastage is very high. Some, but not much, rainwater harvesting exists.	The city has meters for all its water supply with some smart mechanisms to monitor. Rainwater harvesting systems are installed and storm water is collected and stored in water bodies. However, recycling of waste water and reuse of storm water is limited.	The city has meters for all its water supply. It includes smart mechanisms to monitor remotely. Rainwater harvesting systems are installed and utilized through the city and storm water is collected and stored in water bodies and treated for usage. Recycled waste water is supplied for secondary uses.	Scenario 2	90% of households have water meters Presently 68% coverage of storm water drainage network; 25% existing incidence of water logging/flooding; 40% of chances of incidence of sewerage mixing in the drains. Existing Major storm water drains in the city are Upper drain, Karuvadikuppam drain, Grand canal and Petit canal.	Scenario 3	1) 24x7 water supply with smart metering reduces the intake from water sources thereby saving water and energy. 2) Improvement of storm water drainage system and upper catchment area. 3) Improvement of Primary municipal drains. 4) Rooftop Rainwater harvesting practices mandatory for Office buildings, Schools, public buildings beyond 500m from the sea shore. 5) Sensor based flood management system in catchment areas 6) Scientific tariff policy to be adopted
18	Waste water management	A Smart City treats all of its sewage to prevent the polluting of water bodies and aquifers. (Guideline 2.4)	The city is unable to treat all its sewage. Many local sewer lines open on to water bodies and open ground and pollute the environment.	Most waste water is collected and treated before disposal. However the treated water does not meet standards and is not recycled for secondary uses.	All the waste water is collected and treated before disposal. It is also treated to a high standard and some is recycled.	The city has zero waste water because all the waste water is collected, treated and recycled. It meets standards and reduces the need for fresh water.	Scenario 1	6 Sewage Treatment plants located in the city among which 2 are yet to start functioning; 107.7km length of Sewerage line; 53% (31937) households covered by sewerage network; but many households are yet to connect 43.40% of collection efficiency; 10% of sewerage is reused for farming Comprehensive Sewerage scheme for the Urban areas of the city is ongoing under JNNURM/ AMRUT with an estimated project cost of 330.65 Cr.	Scenario 3	1) Achieve 100% coverage of all households in ABD with sewerage system 2) Tertiary treatment of water. 3) Mandatory rule to use recycled water for commercial places, Hotels, Public buildings, Institutions etc with 2 pipe system and decentralized STP. 4) Smart system enhancing aids like SCADA, mechanical cleaning etc. Revamping and remodeling of existing sewerage system.
19	Air quality	A Smart City has air quality that always meets international safety standards. (Guideline 2.4.8)	City does not have plans, policies or programs to improve the air quality. Systems to monitor air quality are absent.	City has programs and projects to monitor air quality and spatializing the data to ascertain reasons for degrees of pollution in the air. A few strategies to decrease air pollution have been implemented.	City has programs and projects to monitor air quality and spatializing the data to ascertain reasons for degrees of pollution in the air. Pollution levels are acceptable.	The city has clean air by international standards. Live Air quality monitoring cover the entire city and data of air quality are mapped.	Scenario 3	Three air quality monitoring stations are available at Le' Suffren street, Nellihope (Anna Nagar) and Mettupalayam. The ambient air quality recorded is well within the limits prescribed by CPCB.	Scenario 3	1) City shall strive to improve the ambient air quality as per standards Efficient Public Transport system & facilitating NMT mode of mobility. 2) Continuous ambient air quality monitoring coupled with forecasting and live display.
20	Energy efficiency	A Smart City government uses state-of-the-art energy efficiency practices in buildings, street lights, and transit systems. (Guideline 6.2)	City has no programs or controls or incentive mechanisms to promote or support energy efficiency in buildings	The city promotes energy efficiency and some new buildings install energy efficiency systems that track and monitor energy use and savings.	Most new public buildings install energy efficiency systems and some older buildings are also retrofitted to be more energy efficient. Local government conducts counselling and outreach with developer, businesses and residents to adopt energy efficiency strategies	All the existing old and new public buildings employ energy efficiency principles in development and operation and apply for energy rating by national and international forums. Many non-public buildings are also energy efficient because the government promotes energy efficiency through incentives and regulations.	Scenario 2	Consumers encouraged to install solar panels, can sell surplus power. ie online grid. No solar powered LED Street light installed. Initiatives undertaken for replacing street light with LED.	Scenario 4	1) Implementation of Intelligent solar powered LED Street lighting system covering entire city area 2) Buildings approval only after installation of energy efficient practices given as per green buildings norms.(GRIHA/ LEEDS) 3) Tender ready for converting 1000 streetlights into LED lights in the pan city 4) Energy audit of pumping stations; replacement of non-efficient pumps MoU signed with EESL under MEEP

Sl. No	Smart city Characteristics					Current status of the city overall		Current status of the area for retrofit or redevelopment		
	Standard	Definition	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Self Assessment of the city (for Pan- City Solution) with regard to each feature	Basis for assessment and/or quantitative indicator	Projection of 'where the city wants to be' with regard to the feature / indicator	Single Initiative / Solution that would move the city from its current status to Advanced status
21	Underground electric wiring	A Smart City has an underground electric wiring system to reduce blackouts due to storms and eliminate unsightliness. (Guideline 6.2)	City does not have plans for underground electric wiring system.	More than 40% of the city has underground electric wiring system.	More than 75% of the city has underground electric wiring system.	More than 90% of the city has underground electric wiring system.	Scenario 2	City has converted most of its overhead transmission line into underground. 60.20% of the total connections are underground and remaining 39.80% connections are still overhead.	Scenario 4	1) Underground ducting of all electrical wiring especially in the congested dense commercial areas and transport nodes already is already in progress and is in the verge of achieving scenario 4. 2) 100% complete conversion of Overhead cables to under ground cables. 3) Conversion of 2 pole structures & transformers in ABD area undertaken.
22	Sanitation	A Smart City has no open defecation, and a full supply of toilets based on the population. (Guidelines 2.4.3 & 6.2)	Many parts of the city do not have access to sanitation infrastructure and facilities.	Sanitation facilities are available to 70% of the city's population.	Sanitation facilities are available to 90% of the city's population.	Sanitation facilities are available to 100% of the city's population.	Scenario 3	85.80% coverage of toilets existing in the city; Among 85 public sanitation toilet blocks available, 55 community toilets and 30 public toilet blocks are maintained by the municipality	Scenario 4	1) City will be completely free from open defecation through 100% coverage of Sanitation in the city including slums by October 2017 2) Construction of Public toilets & E-toilet facilities in schools, slums and public areas; Mobile Toilets to be established for the needs of the floating populations and festive gatherings
23	Waste management	A Smart City has a waste management system that removes household and commercial garbage, and disposes of it in an environmentally and economically sound manner. (Guidelines 2.4.3 & 6.2)	Waste collection systems do not pick up waste on a frequent basis and waste often enters into water bodies.	Waste generated is usually collected but not segregated. Recycling is attempted by difficult to implement.	Waste is segregated, collected, recycled and disposed in an environmentally sound manner.	The city reduces land fill caused by waste so that it is minimal. All the solid waste generated is segregated at source and sent for recycling. Organic waste is sent for composting to be used for gardening in the city. Energy creation through waste is considered.	Scenario 2	Presently 95% efficiency in collection of solid waste; 100% household level coverage; 25% efficient in segregation of MSW; 25% extent of MSW recovered.	Scenario 4	1) 100% door to door waste collection, segregation of solid waste at source is targeted. 2) 100% waste management in the city. 3) Waste to Energy Plant (WtE) will be established and Citizens will buy power from the WtE Plant at a higher tariff (fixed by JERC) based on 'Polluter Pays Principle'. 4) Creating public awareness over the segregation of waste at source. Integrated solid waste management with smart ICT components like SCADA, GPS & sensor based binning and tracking system.
24	Safety and security	A Smart City has high levels of public safety, especially focused on women, children and the elderly; men and women of all ages feel safe on the streets at all hours. (Guideline 6.2)	The city has low levels of public safety - most groups of residents feel insecure during most parts of the day in many parts of the city.	The city has medium levels of public safety - some more vulnerable groups feel insecure during some points of the day and in some parts of the city	The city has high levels of public safety - all citizens including women, children and the elderly feel secure in most parts of the city during most time in the day.	The city has very high levels of public safety - all residents feel safe in all parts of the city during all hours of the day.	Scenario 2	1) Puducherry is one among the 5 states/UTs with the lowest number of total crimes against women (0.03% of the total incidents) 2) Puducherry has reported highest rate of accidental deaths, reporting 68.3 deaths per lakh population as compared to National average of 32.6 in 2013	Scenario 4	1) Robust CCTV surveillance system covering the whole city supported by smart ICT components. 2) Fully automated control room, mobile based alert system, apps, GPS tracking system in buses, bus stops and other crowded locations.



ANNEXURE 3



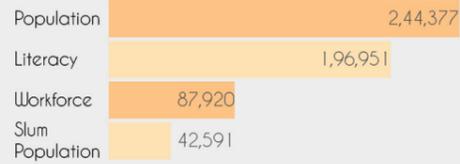


3.1 CITY PROFILE

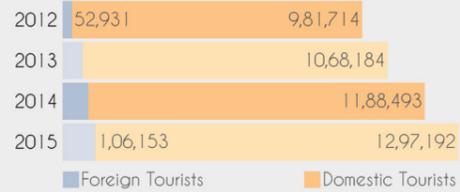


The Union Territory of Puducherry was constituted out of the four erstwhile French establishments of Puducherry, Karaikal, Mahe and Yanam. Mahe is embedded within Kerala, Yanam within Andhra Pradesh and Puducherry and Karaikal are embedded within Tamil Nadu. The bulk of Puducherry District is a non contiguous stretch of land, having an area of 290 Sq-km

DEMOGRAPHICS OF PUDUCHERRY



TOURIST INFLOW INTO PUDUCHERRY



SEWERAGE NETWORK



53% of the municipality is covered with sewerage network

COLLECTION EFFICIENCY



43.40% is the collection efficiency of the existing sewerage network

TOTAL NUMBER OF BUSES



Total fleet of PRTC buses is 204

PUBLIC TRANSPORTATION



Share of public transportation constitutes to 18%

NMT CORRIDOR

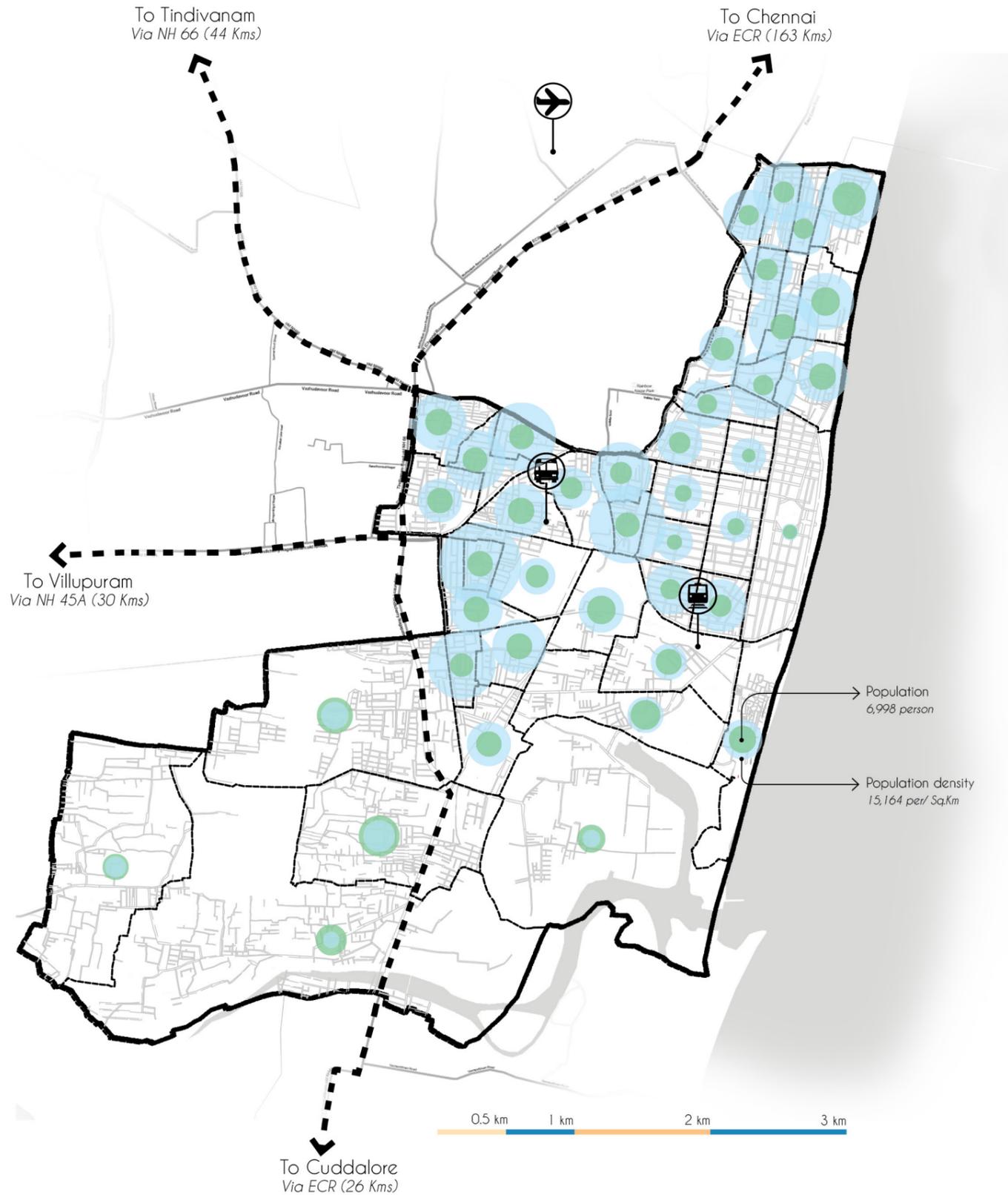


Existing 1.4km NMT corridor at Beach Promenade (6 PM to 7 AM)

GREEN SPACES



Existing green spaces is 0.684sqm/ person



EVOLUTION OF PUDUCHERRY



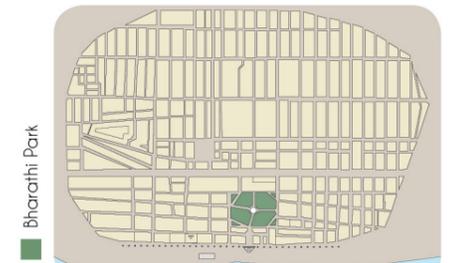
The town at the time of the Dutch invasion in 1693



The planning of the new town by the Dutch in 1694



Executed by the French, the planning almost reached the Old Dutch plan in 1721



The final plan of the boulevard built by the French that still exists TODAY



PUDUCHERRY DISTRICT



PUDUCHERRY MUNICIPALITY





EDUCATE

Informing the citizens and stakeholders about Smart Cities and the best practices in an attempt to ensure participation

METHODOLOGY



ENGAGE

Obtain feedback from citizens and stakeholders on main challenges, prioritize the problems of the city and discuss proposed solutions

METHODOLOGY



EMPOWER

To receive citizen feedback on the draft SCP and details of project components. Giving the citizens the right to choose their preferences through online and offline activities

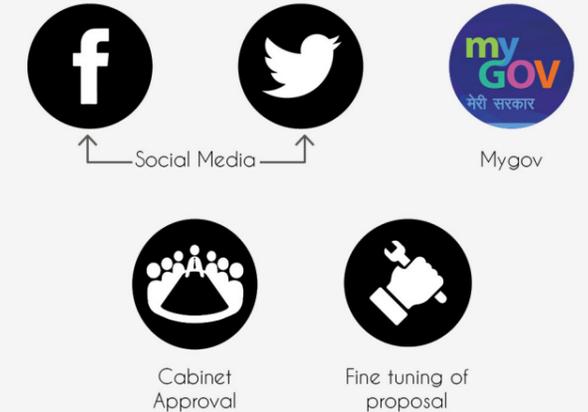
METHODOLOGY



ENACT

Preparing SCP and presenting it to the stakeholders and get final approval from the local body

METHODOLOGY



KEY AUDIENCE SEGMENT

- Media Persons
- Womens welfare Association
- Students
- Women
- Professionals
- Industrialists
- Volunteers
- Service providers
- Slum dwellers
- Daily wage laborers
- Elected Representatives
- Government Officials
- Head of Departments
- Non Governmental Organizations



CITIZEN PARTICIPATION AND REACH

167600 + PEOPLE REACHED

COMPETITIONS

DRAWING COMPETITION:

3245

A drawing competition was held as a part of the SCP to help receive the aspirations of all school students with the concept as "VISION FOR PUDUCHERRY"

PAINTING COMPETITION:

2256

A painting competition was held as a part of the SCP to help receive the aspirations of all college students with the concept as "VISION FOR PUDUCHERRY"

ESSAY COMPETITION:

1320

An essay competition was held as a part of the SCP to help receive the aspirations of all college students with the concept as "MY CITY MY DREAM"

PHOTOGRAPHY:

160

A photography competition was held as a part of the SCP open to all citizens titled "WHAT IS PUDUCHERRY TO YOU"

SUGGESTIONS & IDEAS FOR BEST SMART CITY SOLUTION

2430

A competition was held to receive the suggestions highlighting issues and suggestive measures for the same which was open to all citizens.

DIRECT MEDIA

NEWSPAPER ARTICLES:

50

Over 50 articles in English and Tamil papers informing the public on various aspects over the period of preparation of the SCP.

MASS EMAIL:

5500

Email and SMS sent to the citizens of Puducherry informing them of Puducherry's participation and to come forward with their inputs.

TELEVISION:

4 days

VOICE ANNOUNCEMENTS:

12 days

Voice announcements conducted at various locations covering whole of Puducherry Municipality to raise awareness

RADIO:

1 day

One day program to educate the public on Smart Cities.

CONSULTATION

HOUSEHOLD SURVEY

2600

A survey was done reaching out to households to take their feedback for preparing the smart city plan. The survey covered 5% of the census households within the 42 wards of Pondicherry

PUBLIC CONSULTATION:

4310

Public Consultation Meetings was conducted covering seven Constituencies. A total of over 1250+ participants participated, including Women's Welfare Association Group, NGO's, Senior citizens, Public representatives and Students. As a highlight, consultation was made live through facebook GoLive option.

WIFI ENABLED KIOSK

4 kiosks

4 kiosk were placed for 5 days to make the process a Public Participatory one.

CONSULTATIVE WORKSHOPS:

1670

4 consultative workshops were held with participants from various sectors like Head of Departments, companies, NGO's and experts from various fields.

STUDENT SEMINARS:

2630

Student seminars conducted in engineering colleges to raise awareness on Smart Cities and to find better solutions

ONLINE SURVEY:

4600

Online survey was conducted through Monkey Survey Portal

SUGGESTION BOOTHS

20

Placed at prominent locations all over the city

FEEDBACK:

28400

Feedback received through the various suggestions booths, the outcome of which help guide the SCP.

SOCIAL MEDIA

108210

Reach of 1,08,210 through:



3.3 OUTCOME OF CITIZEN ENGAGEMENT



September

October

November

December

January

February

March

TIMELINE

EDUCATE

ENGAGE

EMPOWER

ENACT

CITIZEN'S KEY SECTOR PRIORITY FOR ABD

The the key sectors for priority was got through extensive public consultation in the form of suggestion booth feedback. The total number of feedback received were 28,400. The Participants suggested the following as their preferred sectors:

1. Tourism
2. Water Supply & Quality
3. Traffic & Transportation
4. Sewerage & Sanitation

FEEDBACK FORM

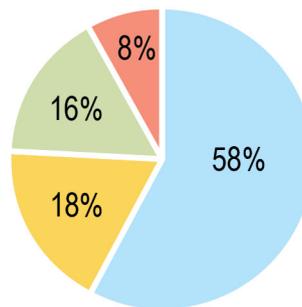
Three key areas which needs improvements for better quality of life. Please TICK [✓] 3 options from the below services.

Water supply and Quality	2	Traffic and Transport	3
Sewerage and Sanitation	4	Housing for Poor	
Parking Facility		e- Governance	
Solid Waste Management		Healthcare facilities	
Electricity Supply		Education and Employment	
Sports and Entertainment Facility		Heritage enhancement	
Tourism	1	Open space and Green covers	
Safety, Security and Surveillance		Storm water drainage improvement & Flood control	
Complaint Redressal		Encroachment in pavements and widening of roads	

SELECTION OF ABD AND PAN CITY SOLUTIONS

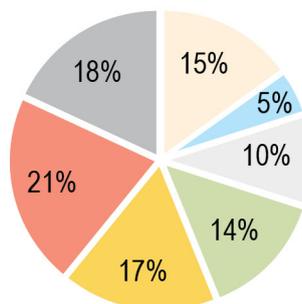
The finalization of the area for the Area Based Development (ABD) was an exercise with consultation with the public, empowering them to come forward and select their area of choice. This exercise ended with almost 12,900 citizens coming and registering their choice

SELECTION OF AREA FOR ABD



- Boulevard area and area around New Bus Stand
- Area around Murungapakkam
- Area around Bharathidasan College
- Area around Uppalam road & Bharathidasan Nagar

SELECTION OF PAN CITY SOLUTIONS



- Non Motorized Vehicles
- Smart Tourism
- Smart Parking and Intelligent traffic Management
- E-Governance
- Smart Water management
- Smart Energy management
- Solid waste management

Offline voting of area for ABD and Pan city solutions



Government of Puducherry PUDUCHERRY SMART CITY PROPOSAL AREA BASED DEVELOPMENT AND PAN CITY SMART SOLUTIONS BALLOT PAPER



Puducherry Smart City - Poll for Seeking Public opinion - 02 to 05th January 2017

Smart City proposal for Puducherry Municipality is being formulated under the Smart City Mission. City improvement (Retrofitting) has been proposed to develop the existing built up area consisting of more than 500 acres. The area for Area Based Development (ABD) and Pan City Smart Solutions will be selected in consultation with citizens of Puducherry Municipality. The Core Infrastructure Facilities will be implemented in the areas of ABD and two or three Pan city smart solutions will be implemented in Puducherry Municipality.

Name		Gender (MF)	
Address		Mobile No.	
Age		Email ID, if any	

Please TICK [✓] any one of the following areas which you would like to select for Area Based Development.

Zone	Ward No.	Area to be developed	Please Tick
1	1- 11	Areas around Bharathidasan College (Debaswamythi-Muthalpet west, Muthalpet East, Solai Nagar, Vaithikkuppam, VOC Nagar, Ramakrishna Nagar, Thiruvalluvar Nagar, Panimala Mudaliar Thottam, Kuruchikkuppam, Perumal Koil)	<input type="checkbox"/>
2	12- 19 23- 34	Boulevard area and Areas around New Bus Stand (Raj Bhavan, Calve College, Cassucadai, Kulathumedu, Cathedral, Chinakkada, Veeranveli, Perapalli, Vannarpet, Goubert Nagar, Thirumuck Nagar, Ilango Nagar, Pillaihattam, Puduapalayam, Kuyavar Nagar, Sakthi Nagar, Anna Nagar, Orleanpet, Periyar Nagar, Nellima Nagar)	<input type="checkbox"/>
3	20- 22 35- 38	Areas around Uppalam road and Bharathidasan Nagar (Vambakeerapalayam, Colas Nagar, Nethaj Nagar, Bharathidasan Nagar, Mudaliarpet, Vidudalai Nagar, Olandai Keerapalayam)	<input type="checkbox"/>
4	39- 42	Areas around Murungapakkam (Thengalithittu, Nainamandapam, Murungapakkam, Kombakkam)	<input type="checkbox"/>

Please TICK [✓] any three of the following Pan City Smart Solutions for Puducherry Municipality.

- | | |
|---|--|
| <input type="checkbox"/> Smart Tourism | <input type="checkbox"/> Non Motorised Transport (NMT) |
| <input type="checkbox"/> Smart Parking and Intelligent Traffic Management | <input type="checkbox"/> Smart Water Management |
| <input type="checkbox"/> Smart Energy Management | <input type="checkbox"/> Smart Solid Waste Management |
| <input type="checkbox"/> e-governance and citizen services | |

3.3 OUTCOME OF CITIZEN ENGAGEMENT



PUBLIC SEMINARS



63% OF PARTICIPANTS WERE WOMEN. 34% MEN AND 3% CHILDREN
19% WERE SENIOR CITIZENS AND 43% WERE YOUTH

HOUSEHOLD SURVEY



5% OF CENSUS HOUSEHOLDS COVERED WITHIN 42 WARDS

SUGGESTION BOOTHS



BOOTHS PLACED IN OVER 20 LOCATIONS ALL OVER THE CITY
OFFLINE VOTING AND FEEDBACK CARRIED OUT VIA BOOTHS

VISIONING WORKSHOP



VISION ARRIVED AT WORKSHOP DERIVED FROM FEEDBACK
FROM VARIOUS STAKEHOLDERS AND BRAINSTORMING

TARGET GROUP DISCUSSIONS



COMPANIES INVITED TO COME AND PARTICIPATE AS WELL AS
TO GIVE THEIR SUGGESTIONS AND INPUTS.

WORKSHOPS



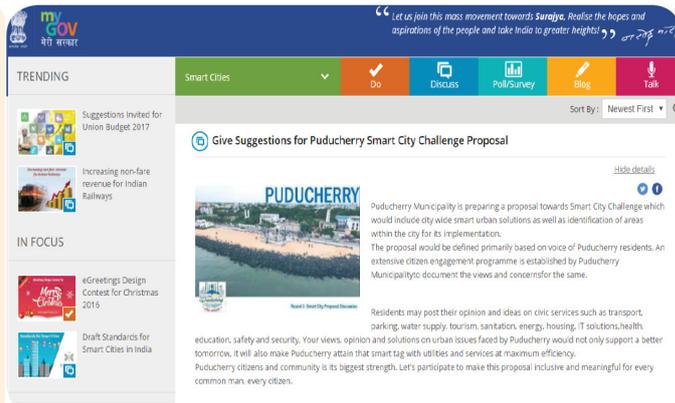
3 WORKSHOPS HELD WITH AFD AND ALLIED FIELD EXPERTS TO
GET SUGGESTIONS, FEEDBACK AND FINANCING FOR THE SCP

DISCUSSIONS WITH ELECTED REPRESENTATIVES



MLA'S, MINISTERS, CHIEF MINISTER, GOVERNOR AND
MINISTER OF URBAN DEVELOPMENT

SOCIAL MEDIA



108210 PEOPLE REACHED ON VARIOUS PLATFORMS OF SOCIAL
MEDIA

3.4 VISION AND FOCUS



STRENGTHS

- Established tourism sector
- French and Tamil Heritage
- 32Km long shore line
- Compact city
- Education and healthcare hub
- Auroville International City

WEAKNESS

- Lack of efficient urban transportation
- Traffic congestion and parking facilities
- Solid waste management and disposal mechanism
- Inadequate storm water drains
- Restricted employment opportunities
- Lack of adequate sustainable water source
- Inadequate rail and air connectivity

OPPORTUNITY

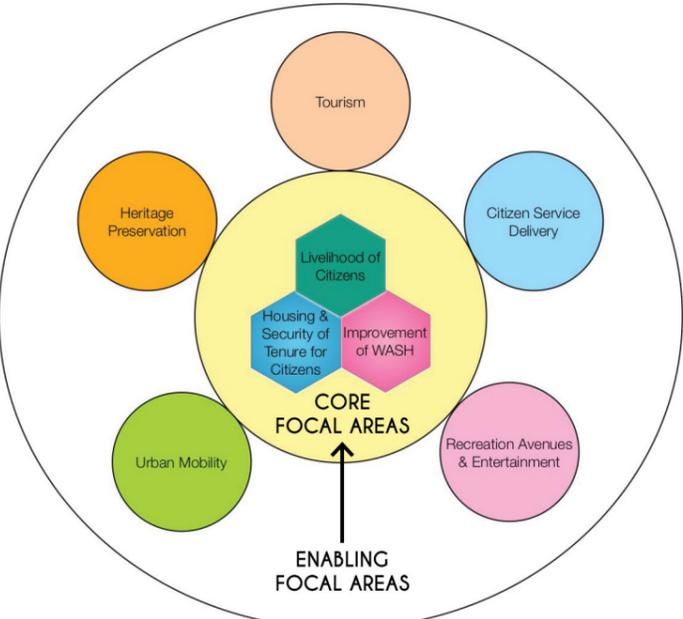
- Pedestrianization and vehicle free zone
- Global tourism, Cultural, Wellness destination
- Urban mobility
- Sea shore development

THREATS

- No legal possessions of heritage structures
- Increasing slum settlements
- High levels of migration and floating population
- Salinity intrusion of water bodies

STRATEGIC FOCAL AREAS FOR THE CITY:

The Blue Print for Action has to address all the focal areas to improve the Liveability in the City. Three core areas among the six focal areas have been listed: Livelihood Opportunities for the Citizens of Puducherry, Housing & Security of Tenure and Improvement of WASH



* Water, Sanitation and Hygiene of the City

VISION

“Transforming Puducherry into a global tourism destination by leveraging its heritage, cultural, spiritual and educational advantages. Enhance the quality of life of the citizens by providing efficient urban mobility, smart civic infrastructure, affordable urban housing, smart service delivery and participative decision making.”

Focus	GLOBAL TOURISM DESTINATION	URBAN MOBILITY	SMART CIVIC INFRASTRUCTURE	SMART SERVICE DELIVERY & PARTICIPATIVE DECISION MAKING
Goals	<ol style="list-style-type: none"> Conservation of old heritage buildings to promote tourism Creation of more employment Double the duration of stay to 3 days by 2022 Improve infrastructure for tourist related activities To create opportunities for hospitality sector to convert the existing vacant sites to hotel, boutique retail and food streets 	<ol style="list-style-type: none"> To improve pedestrian mobility in the area To improve last mile connectivity To increase share of public transport To integrates all modes of public transport To reduce the reliance on private transportation To bring back the idea of cycle city which existed 30 years ago 	<ol style="list-style-type: none"> Availability of good quality 24X7 water connections Uninterrupted 24X7 electricity supply 100% coverage for door to door collection of solid waste To make the city more resilient to future growth pressures by upgrading infrastructure to international standards 	<ol style="list-style-type: none"> To improve city governance and have transparency To reduce average response time for grievances received To increase the percentage of G2C transactions made Online To create a automated monitoring system for all municipal infrastructure
Projects	<ul style="list-style-type: none"> GRAND CANAL REJUVENATION URBAN ENTERTAINMENT VILLAGE AT OLD PORT ART AND CULTURE COMPLEX AT OLD DISTILLERY UPGRADATION OF GOUBERT MARKET SWADESHI MILL COMPLEX EXTENSION OF BEACH PROMENADE 	<ul style="list-style-type: none"> DEDICATED PUBLIC CORRIDOR - FEEDER SYSTEM SMART INTEGRATED BUS TERMINAL MULTI LEVEL PARKING AT OLD JAIL COMPLEX PEDESTRIANIZATION OF JN STREET ICONIC CYCLE TRACK CYCLE SHARING SYSTEM 	<ul style="list-style-type: none"> DEDICATED UNDERGROUND CORRIDOR FOR CABLES SUSTAINABLE WATER SOURCE AUGMENTATION SMART METERING FOR WATER AND ELECTRICITY WASTE TO ENERGY PLANT 	<ul style="list-style-type: none"> COMMAND AND CONTROL CENTRE CITY APP FOR MUNICIPALITY SEPARATE WING IN THE SPV TO ENSURE PARTICIPATORY MICRO PLANNING APPROACH



3.5 PROFILE OF ABD AREA

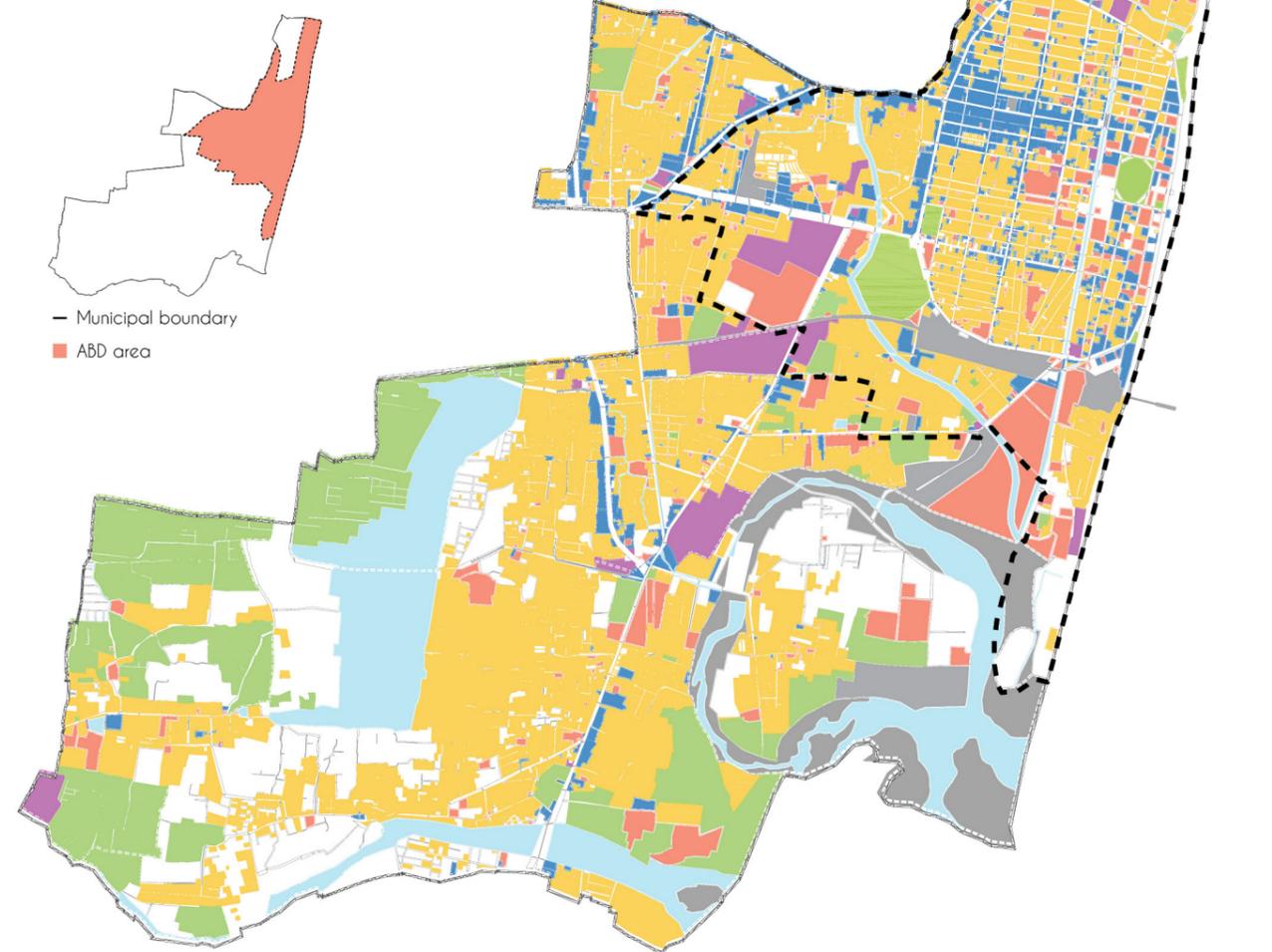


The City of Puducherry is known for its rich heritage and culture. The city has a high number of tourists that visit it over the weekend, mainly due to its close proximity to major urban hubs such as Chennai and Bangalore, and the presence of Auroville. After extensive citizen engagement and consultation of various stakeholders, the area for development has been identified as the Boulevard area and its surroundings. The ABD area constitutes a third of the area of the city.

LAND USE OF PUDUCHERRY MUNICIPALITY

- Residential
- Commercial
- Industrial
- Agriculture
- Open spaces
- Traffic and transportation
- Public space

LOCATION OF ABD



PROFILE OF ABD



Area of ABD

The size of the Area Based Development is **5,941 Sq.Km.** Which constitutes a third of the whole city of Puducherry



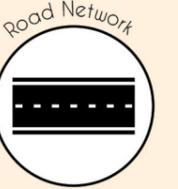
Total population

The total population of the ABD is **1,14,239**, which is almost half the population of the city



Total Households

The total number of households in the ABD is **31,000**, which is almost half the number of households in the city.



Road Network

The total running length of roads in the ABD is **130 Kms.** These roads range from a width of 1.5m to 12m.

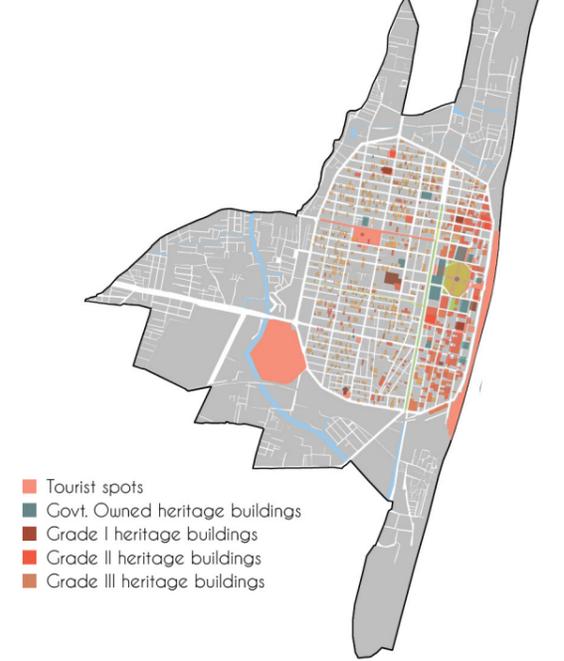
EXISTING GREEN SPACES

75% of the ABD has green and open spaces within a one kilometer walking radius.



The large green spaces within the ABD are the Botanical gardens and Bharathi Park, the forest area is within the Swadeshi mill complex. The total green cover of the ABD is about **67.5 acres.**

TOURIST AND HERITAGE BUILDINGS



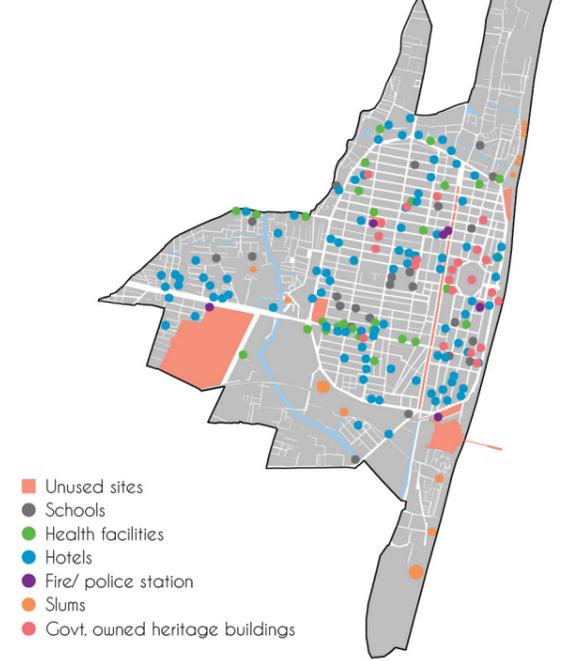
The ABD consists of about **25 tourists sites**, identified by the tourism department, within this **5,941 Sq.Km** area. The boulevard area has about **500 heritage structures** identified by the Puducherry chapter of INTACH. This index of heritage structures used to be around 1800 in 1991.

FIGURE GROUND MAP

Stark variation seen between the formal planning of the Colonial era and the vast sprawl of the current growth



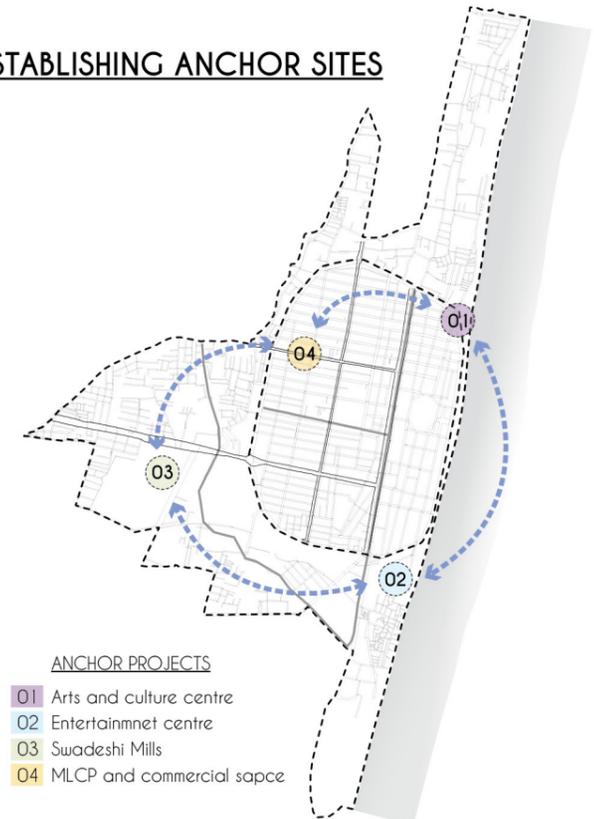
INFRASTRUCTURE MAP



Map highlighting healthy infrastructure and distribution of unused sites through various parts of the ABD- offering potential for sustainable development and growth



ESTABLISHING ANCHOR SITES



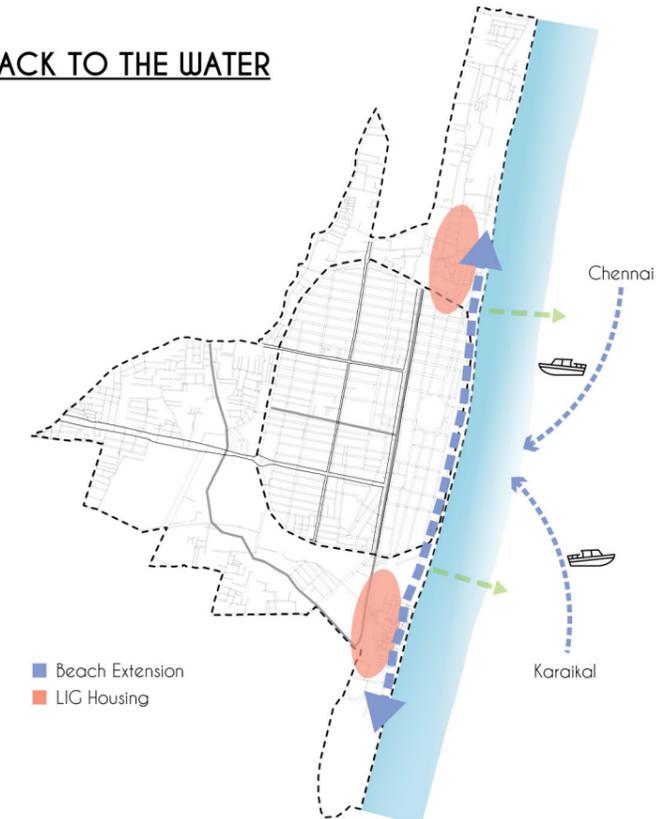
The Puducherry smart city proposal envisions the revitalization of underutilized sites to become nodes that link the tourism network.

IMPROVING LINKS



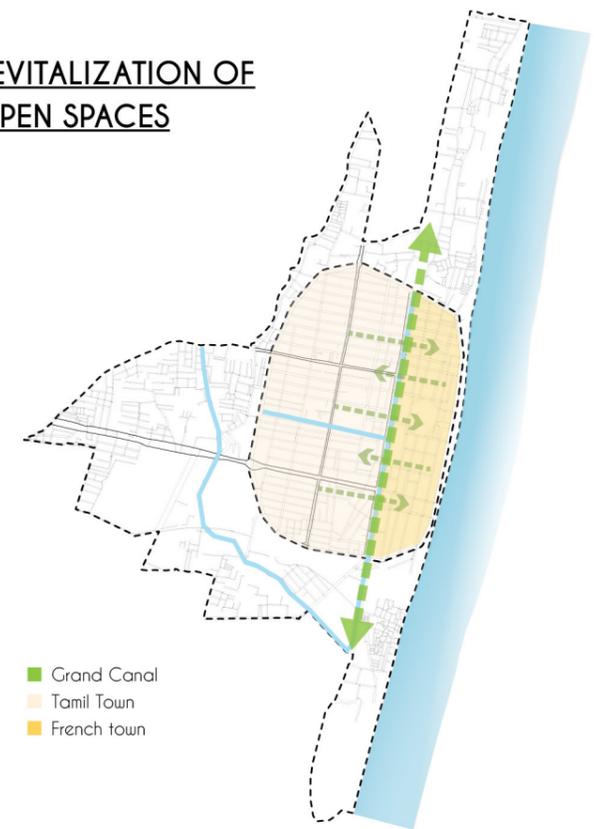
The axes, each with its own unique character, are identified and established as links within the tourism network.

BACK TO THE WATER



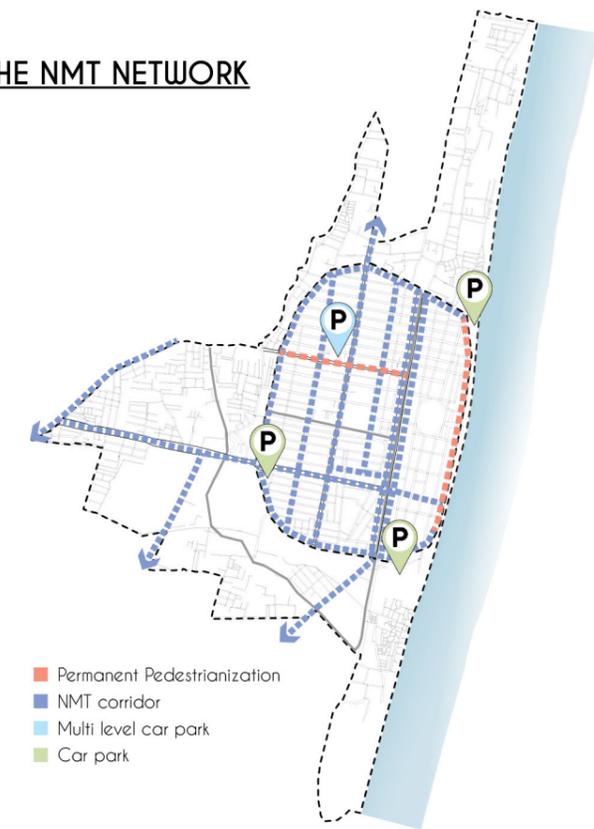
The lost connection to the water is reintroduced in the form of water based activities and transportation. This involves the extension of the promenade which results in the upliftment of the surrounding informal settlements.

REVITALIZATION OF OPEN SPACES



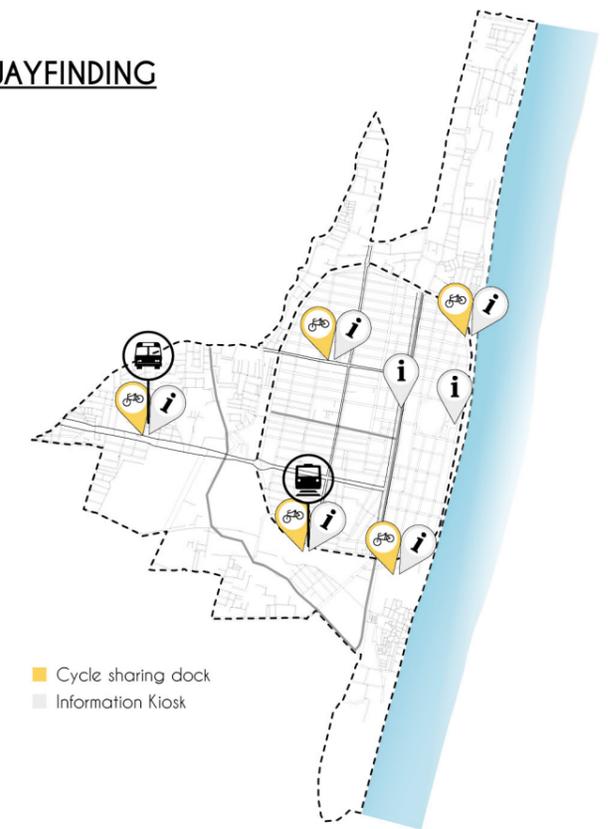
The canal is re-established as the iconic backbone of the city by making it a link in the NMT corridor and which stitches the Tamil and French town together.

THE NMT NETWORK



The strategically located parking spaces act as the backbone of the proposed NMT corridor which aims to decongest the city.

WAYFINDING



The cycle docks and information kiosks are placed at the junctions of heavy movement of people and major attraction points of the city.



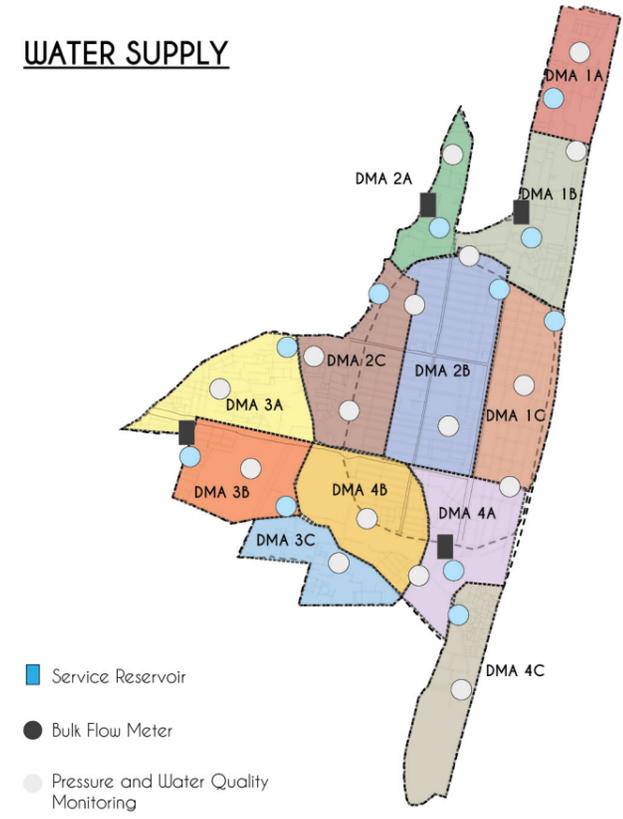
3.6 INFRASTRUCTURE PLAN



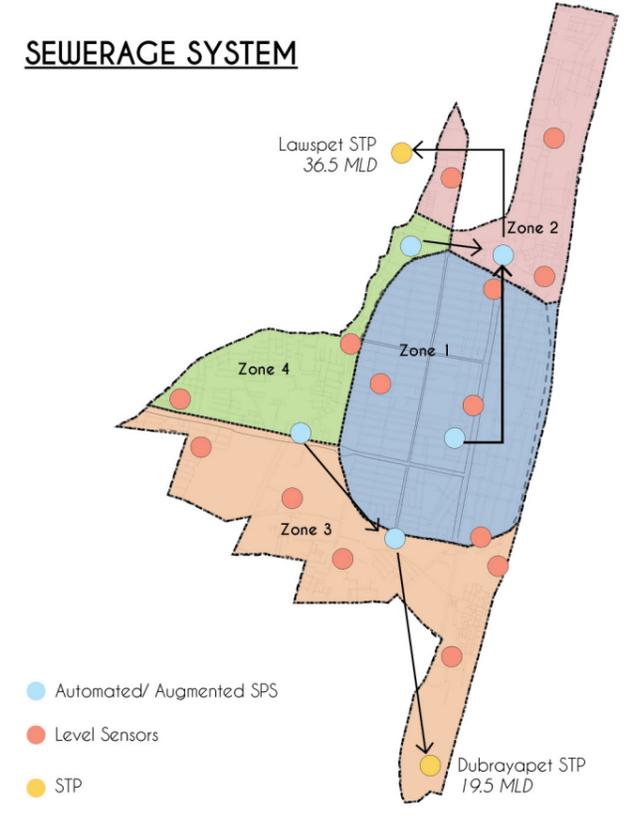
ENERGY



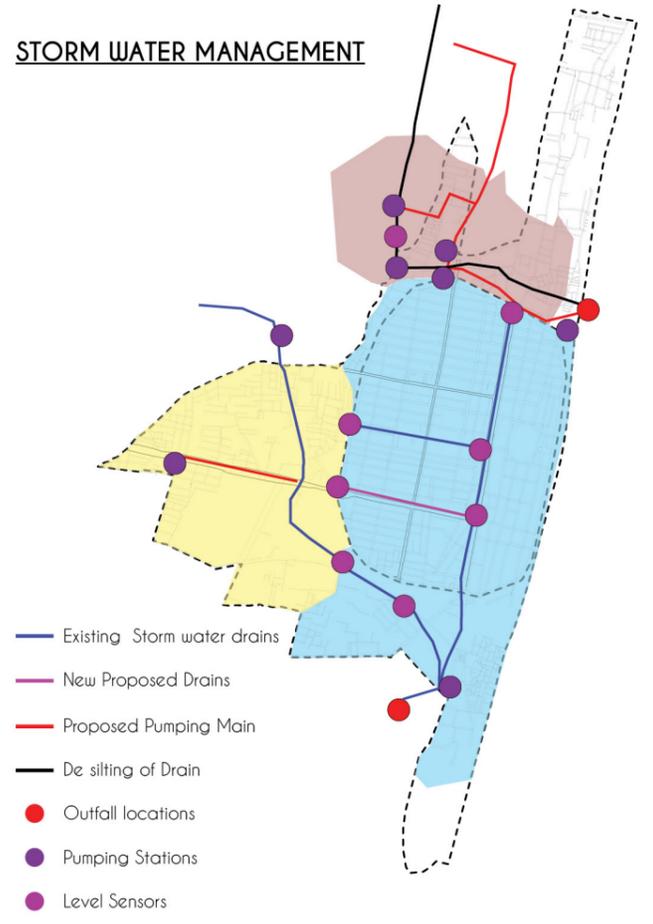
WATER SUPPLY



SEWERAGE SYSTEM



STORM WATER MANAGEMENT



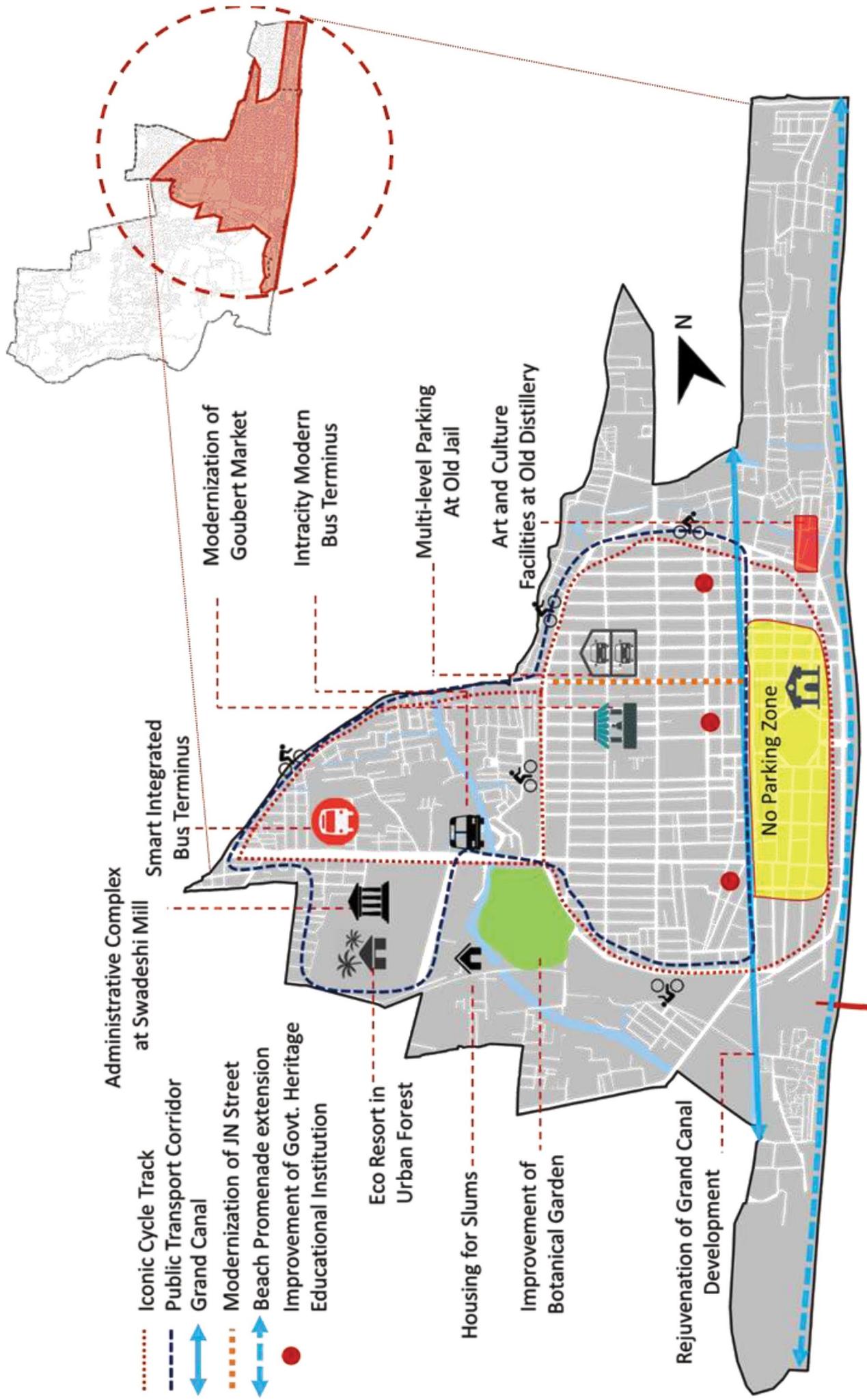
SOLID WASTE MANAGEMENT



PROPOSED MODULAR E - TOILETS



3.7 MAPPING OF VISUALLY IMPACTFUL PROJECTS



3.7 PROPOSED AREA BASED DEVELOPMENT



MAPPING ESSENTIAL FEATURES



<p>1 UPGRADING STORM WATER SYSTEM</p>	<p>2 UPGRADING SEWERAGE SYSTEM</p>	<p>3 WATER SOURCE AUGMENTATION</p> <p>Creation of new source of sustainable water source, for which water to be drawn from Oussudu tank(20MLD) and new bore well to be dug at rural areas(108 MLD).</p>	<p>4 WASTE TO ENERGY</p> <p>Biogas based captive power generation from sewage and biomass based power generation from Solid waste.</p>	<p>5 RECYCLED WATER PUMP STATION</p> <p>The demand of Non potable usage can be met with Reclaimed water from treated Sewage. In an conservation of Potable water and minimizing water Foot print on Environment</p>			
<p>6 ELECTRICAL AND ICT CORRIDOR</p>	<p>7 LED STREET LIGHTS</p> <p>Identify shade free areas on roads, public parks, educational institutions, etc. and install solar LED standalone street lights. Intelligent street light control system to be adopted.</p>	<p>8 SOLAR PANELS ON GOVT. BUILDINGS</p> <p>Solar panels to be placed on the rooftop of government buildings to produce electricity. 40,000 sq m of solar panels to be added to be able to generate XX units.</p>	<p>9 SMART METERING</p>	<p>10 PUBLIC TOILETS</p> <p>Upgradation of existing toilets and building toilets at strategic locations within the ABD area along with signage.</p>			
<p>11 EXTENSION OF BEACH PROMENADE</p> <p>The existing beach front is of 1.2 km in length to be extended on the north by 0.9 km and on the south by 1 km. Creating a total beach front promenade of almost 2,2 km in length.</p>	<p>12 ART AND CULTURE COMPLEX</p> <p>The proposal envisions the usage of the existing infrastructure and additional of more so that the centre will transform into a large public asset for the city.</p>	<p>13 DEVELOPMENT OF PARKS</p> <p>The Botanical Garden is to become an Eco lab and showcase for the city. Bharthi park, rich with historical importance, is to be upgaraded to attract people of all ages.</p>	<p>14 URBAN ENTERTAINMENT VILLAGE</p> <p>This design will be part of a larger master plan that rejuvenates the old port buildings, the pier and the site with MLCP, public spaces, commercial and entertainment activities.</p>	<p>15 GRAND CANAL REJUVENATION</p> <p>The 2.7km spine that, now intends to, bridges the French and Tamil town, can have great benefit environmentally through NMT and through tourism.</p>			
<p>16 MARKET UPGRADATION</p> <p>The Goubert market located on JN street, with a heritage clock at the center, is to be upgraded by providing necessary infrastructure to enhance the daily users and tourists alike.</p>	<p>17 RESTORATION OF GOVT. HERITAGE BUILDINGS</p> <p>The restoration of 16 Government owned buildings, is proposed at it lies largely in the French town. This will set a positive example for owners of heritage buildings to restore as well.</p>	<p>18 IMPROVEMENT OF STREET SCAPE</p> <p>The improvement of the streetscape in the boulevard area is essential to make an enjoyable walking experience, along with an NMT approach, to have a positive impact on residents and tourists</p>	<p>19 SWADESHI MILLS COMPLEX</p> <p>Some of the government buildings are to be relocated to a part of the old textile mill complex. Some part of the built structure will serve the public as a commercial zone, while the forest area will be opened to the public as an additional green area for the city</p>	<p>20 KIOSKS AND SIGNAGES</p> <p>Information kiosks to be placed at important nodes of the city such as transportation hubs, major tourists spots and important nodes of the city. Signages to be placed all over the ABD area to facilitate easy way-finding.</p>	<p>21 CYCLE TRACK</p> <p>Dedicated cycle tracks to be provided within the ABD area to facilitate NMT. 5 cycle docks placed around the ABD area at major nodes to transform the way one experiences the city.</p>	<p>22 MULTILEVEL PARKING</p> <p>Multi level car park proposed at Old Jail complex to help with the shortage of parking within the ABD area. With the subsequent pedestrianization of JN street, this will help decongest the city roads, in the main commercial are of the city</p>	<p>23 HOUSING FOR SLUMS</p> <p>The housing project proposes housing for 350 families within the ABD in an attempt to provide better facilities and move towards the Goal of a slum free city.</p>



₹1,400 கோடி தர பிரெஞ்சு அரசு ஒப்புதல்

ஸ்மார்ட் சிட்டி பட்டியலில் பதுச்சேரி

நாபாயுணசாமி உறுதி
பதுச்சேரி, சிட்டி பட்டியலில் இடம் பெறும் திட்டம். ஸ்மார்ட் சிட்டி பட்டியலில் பதுச்சேரி இடம் பெறும் திட்டம். ஸ்மார்ட் சிட்டி பட்டியலில் பதுச்சேரி இடம் பெறும் திட்டம்.



பதுச்சேரி, சிட்டி பட்டியலில் இடம் பெறும் திட்டம். ஸ்மார்ட் சிட்டி பட்டியலில் பதுச்சேரி இடம் பெறும் திட்டம். ஸ்மார்ட் சிட்டி பட்டியலில் பதுச்சேரி இடம் பெறும் திட்டம்.



Panelists during the workshop organised at the Pondichery Engineering College. — | Photo Credit: Special Arrangement

ஸ்மார்ட் சிட்டி' பட்டியலில் பதுச்சேரி



பதுச்சேரி, ஸ்மார்ட் சிட்டி பட்டியலில் இடம் பெறும் திட்டம். ஸ்மார்ட் சிட்டி பட்டியலில் பதுச்சேரி இடம் பெறும் திட்டம்.

Pan-city solutions emerge

The new Smart City proposal finalised after feedback from 1.6 lakh

SPECIAL CORRESPONDENT PUDUCHERRY

The territorial administration has selected an area of around 1,468 acres in the Boulevard and its surrounding areas to be developed under the Area Based Development Model as part of the Smart City project.



1.6 lakh people. Nearly 90 lakh reach was achieved through various indirect means of citizen engagement such as newspaper articles, smart city banners, voice announcements, social media, announcements in television and radio programmes, wi-fi enabled smart kiosks and so

on. Mr. Jawahar said that the government had identified some pan city solutions for certain projects. The draft proposal focuses on urban mobility with non-motorised transport (NMT), intelligent traffic and parking management, bicycle sharing network, public transit corridor, city command and control centre which includes a common city mobile application with emphasis on smart tourism to provide a better experience for the visiting tourists and GIS mapping of all utilities. The cost of the proposed Smart City project was

One tourist footfall in the city could potentially boost the income of 12 enterprising individuals, according to P. Jawahar, Local Administration



ஸ்மார்ட் சிட்டி திட்டம் குறித்த கருத்தரங்கம்

பதுச்சேரி திட்டம் குறித்து கருத்தரங்கம். ஸ்மார்ட் சிட்டி திட்டம் குறித்து கருத்தரங்கம்.

₹s. 2,000-cr. Smart City plan being given final touches



Modernisation of bus stand, setting up of desalination plant among proposals

பதுச்சேரி, ஸ்மார்ட் சிட்டி பட்டியலில் இடம் பெறும் திட்டம். ஸ்மார்ட் சிட்டி பட்டியலில் பதுச்சேரி இடம் பெறும் திட்டம்.

ஸ்மார்ட் சிட்டி திட்டத்தை செயல்படுத்த பொதுமக்களிடம் கருத்து கேட்பு

பதுச்சேரி, ஸ்மார்ட் சிட்டி பட்டியலில் இடம் பெறும் திட்டம். ஸ்மார்ட் சிட்டி பட்டியலில் பதுச்சேரி இடம் பெறும் திட்டம்.

தினகரன் 15.11.2016

பதுச்சேரி, ஸ்மார்ட் சிட்டி பட்டியலில் இடம் பெறும் திட்டம். ஸ்மார்ட் சிட்டி பட்டியலில் பதுச்சேரி இடம் பெறும் திட்டம்.

தினகரன் 26-11-2016

பதுச்சேரி, ஸ்மார்ட் சிட்டி பட்டியலில் இடம் பெறும் திட்டம். ஸ்மார்ட் சிட்டி பட்டியலில் பதுச்சேரி இடம் பெறும் திட்டம்.

Puducherry residents asked to pitch ideas for smart city project

S. Prasad PUDUCHERRY, NOVEMBER 29, 2016

பதுச்சேரி, ஸ்மார்ட் சிட்டி பட்டியலில் இடம் பெறும் திட்டம். ஸ்மார்ட் சிட்டி பட்டியலில் பதுச்சேரி இடம் பெறும் திட்டம்.

ஸ்மார்ட் சிட்டி திட்டம்: அரசு அதிகாரிகள் கலந்துகொள்வது

தினகரன் 24-11-2016

பதுச்சேரி, ஸ்மார்ட் சிட்டி பட்டியலில் இடம் பெறும் திட்டம். ஸ்மார்ட் சிட்டி பட்டியலில் பதுச்சேரி இடம் பெறும் திட்டம்.

French tracking for smart city bus st

TNN | Jan 26, 2017, 11:38 AM IST

HYDERABAD: Some TSRTC of-the-art tracking systems pilot project, will be linked to information to passengers a might take to reach that part

ஸ்மார்ட் சிட்டி திட்டத்தை அமல்படுத்த உள்ளாட்சி தேர்தலை நடத்தி இருக்க வேண்டும் என்ற விதி இல்லை அமைச்சர் நமச்சிவாயம் பேட்டி

பதுச்சேரி

பதுச்சேரி, ஸ்மார்ட் சிட்டி பட்டியலில் இடம் பெறும் திட்டம். ஸ்மார்ட் சிட்டி பட்டியலில் பதுச்சேரி இடம் பெறும் திட்டம்.

France inks pact to provide assistance for smart city

Agence Française de Développement signs agreements to help Chandigarh and Nagpur also



France on Sunday formalised an agreement to provide technical and financial assistance for developing Puducherry, the erstwhile French province, as a smart city.

technology and know-how req

ews From Webin



Smart city programm

Puducherry set for another smart city challenge

France on Sunday formalised an agreement to provide technical and financial assistance for developing Puducherry, the erstwhile French province, as a smart city.



Smart city programm

பதுச்சேரி, ஸ்மார்ட் சிட்டி திட்டத்தை அமல்படுத்த உள்ளாட்சி தேர்தல் நடத்தப்பட்டு இருக்க வேண்டும் என்ற விதி இல்லை என்று அமைச்சர் நமச்சிவாயம் தெரிவித்தார்.

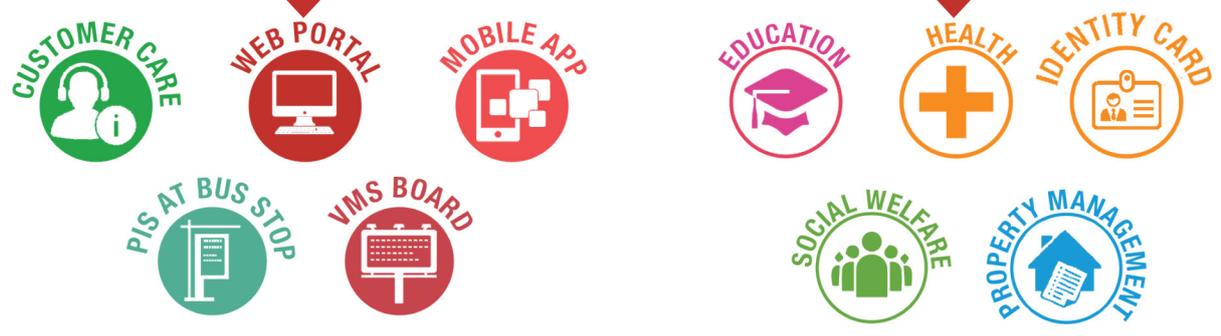
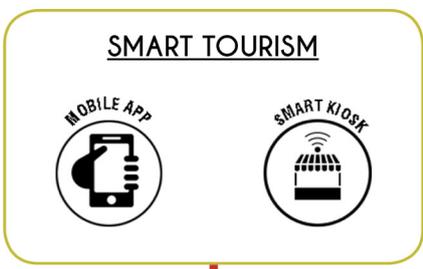
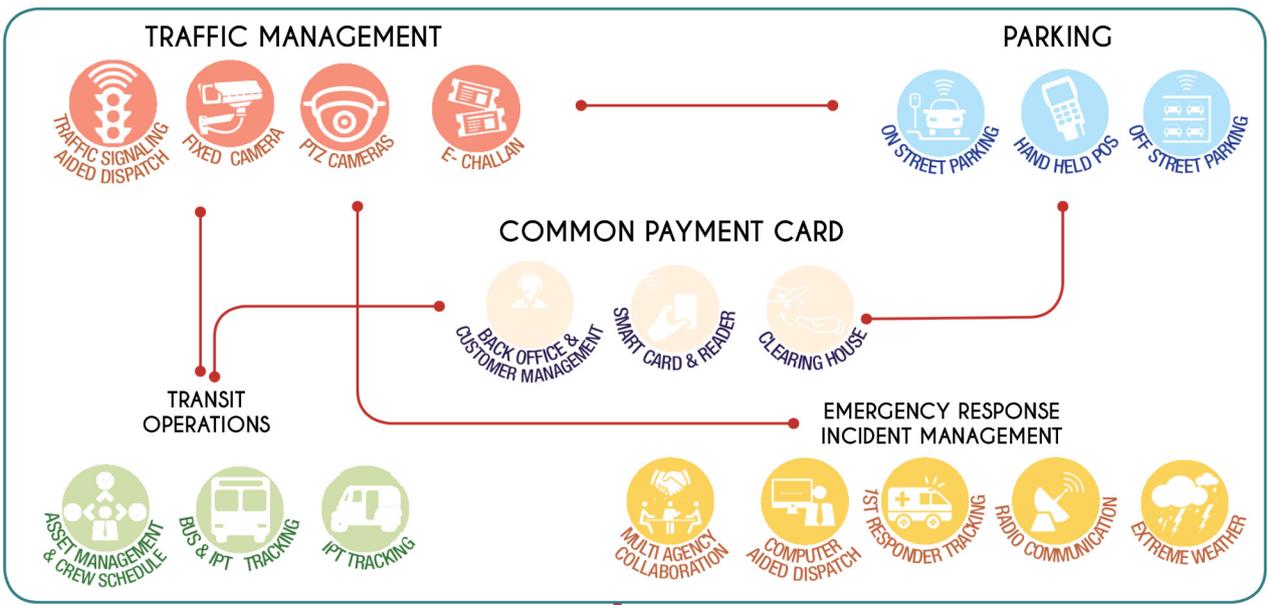
பதுச்சேரி, ஸ்மார்ட் சிட்டி பட்டியலில் இடம் பெறும் திட்டம். ஸ்மார்ட் சிட்டி பட்டியலில் பதுச்சேரி இடம் பெறும் திட்டம்.

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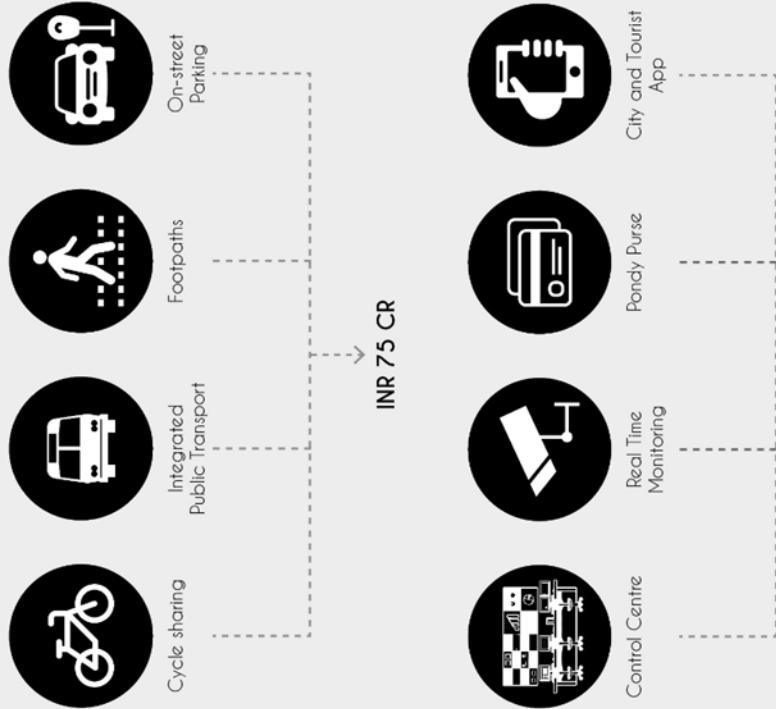
3.9 PAN CITY SOLUTIONS





PAN CITY SOLUTIONS

NMT AND CONTROL COMMAND CENTRE



NMT

COMMAND CENTRE

Smart City (State & Central)

INR 986 Cr

Convergence from Gol Schemes (Swadesh Darshan, IPDS, SBM, NSM, HFA, FAME, AMRUT, NUHM, SLNM, NSGM, Digital India)

INR 191 Cr

AFD Loan – French Development Agency (Water Supply, Sanitation, Grand Canal & Storm Water Drain)

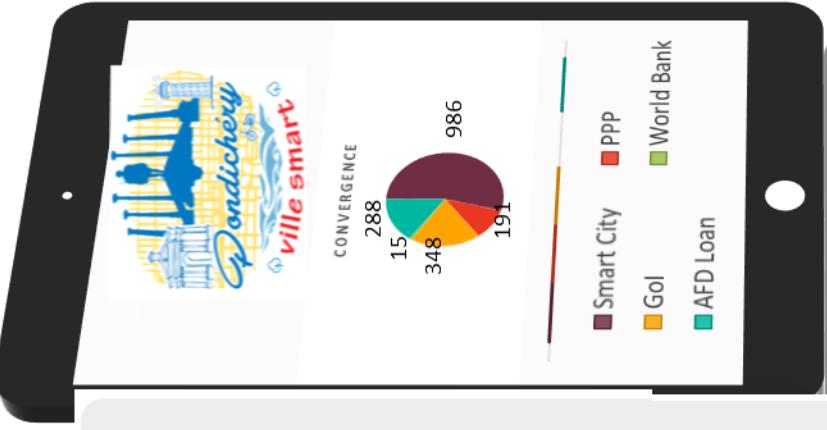
INR 347 Cr

PPP (On street parking, cycle sharing, Swadeshi Mill, Cultural Complex, Smart Integrated Bus Terminus, Modernization of Goubert Market)

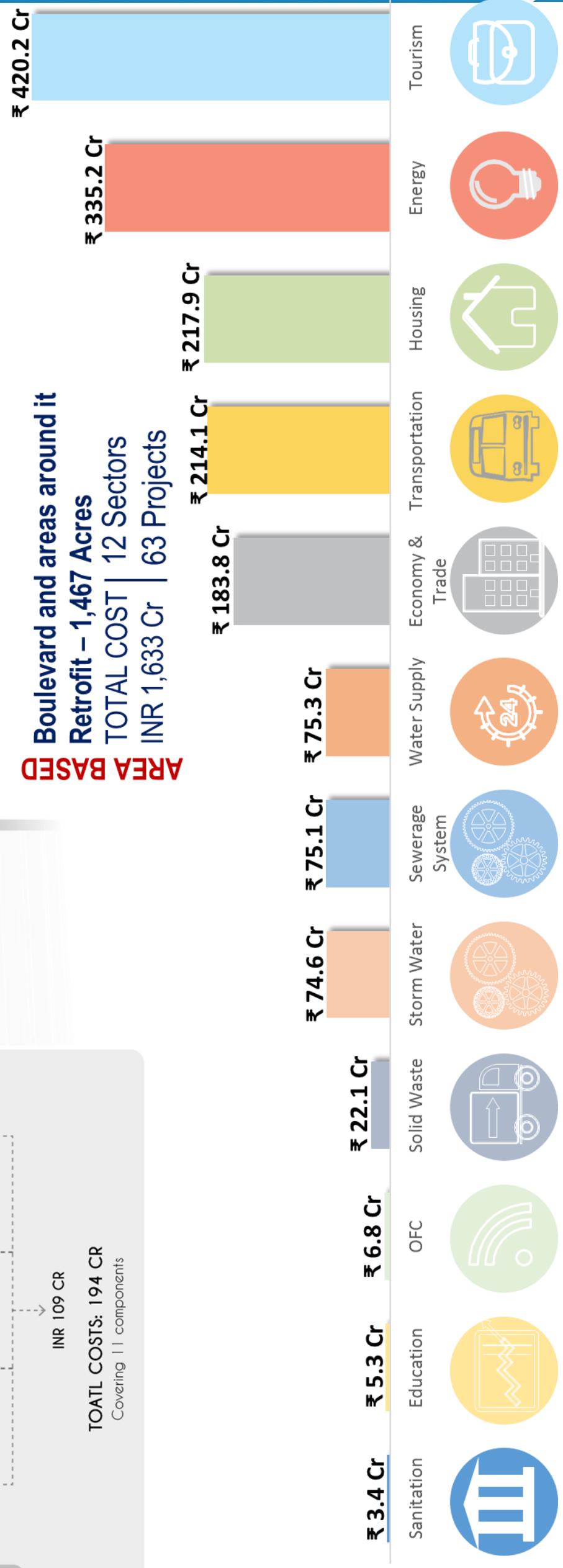
INR 15 Cr

World Bank Grant (Reconstruction of Mairie Building)

INR 288 Cr

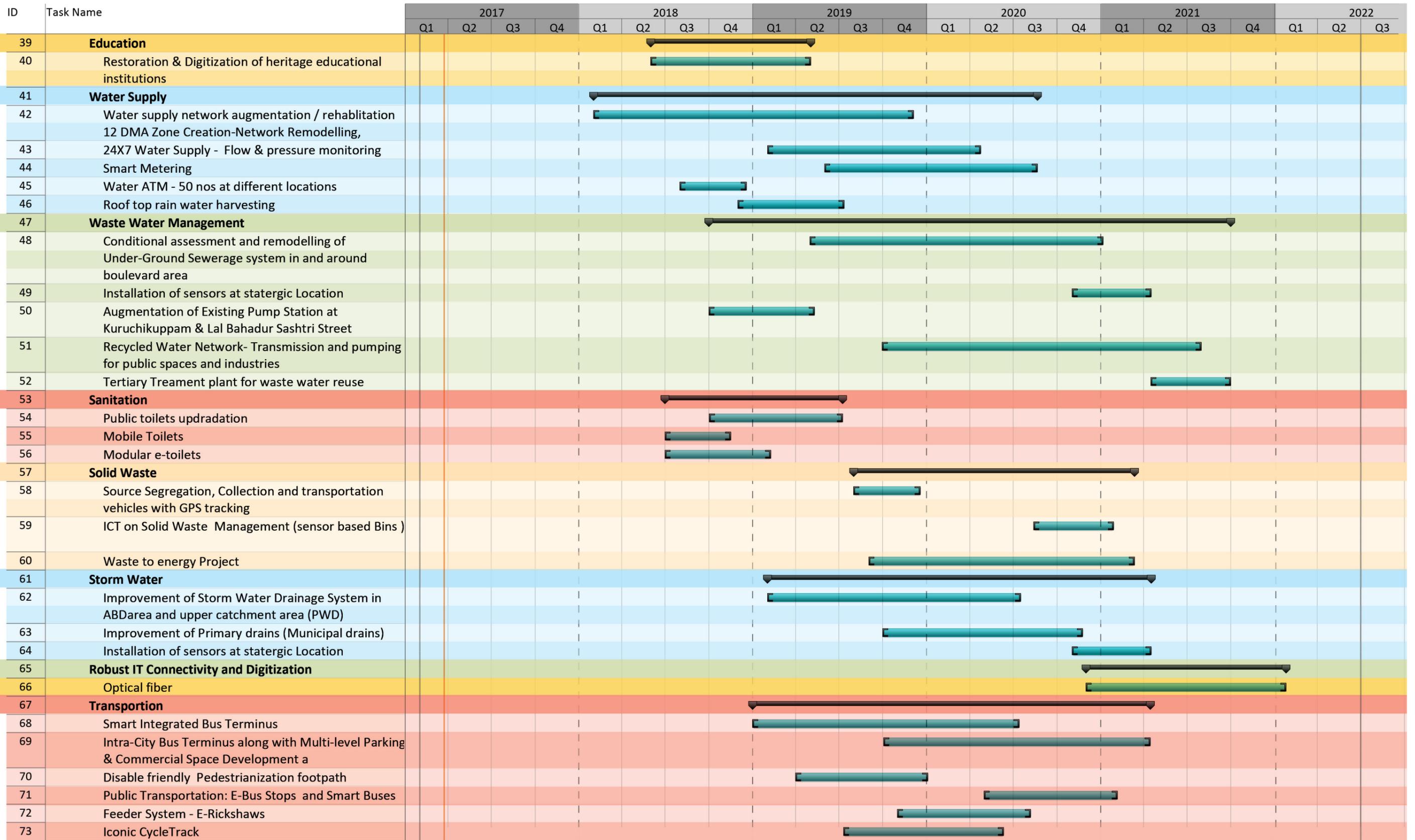


AREA BASED
Boulevard and areas around it Retrofit – 1,467 Acres
TOTAL COST | 12 Sectors
INR 1,633 Cr | 63 Projects





3.11 IMPLEMENTATION PLAN

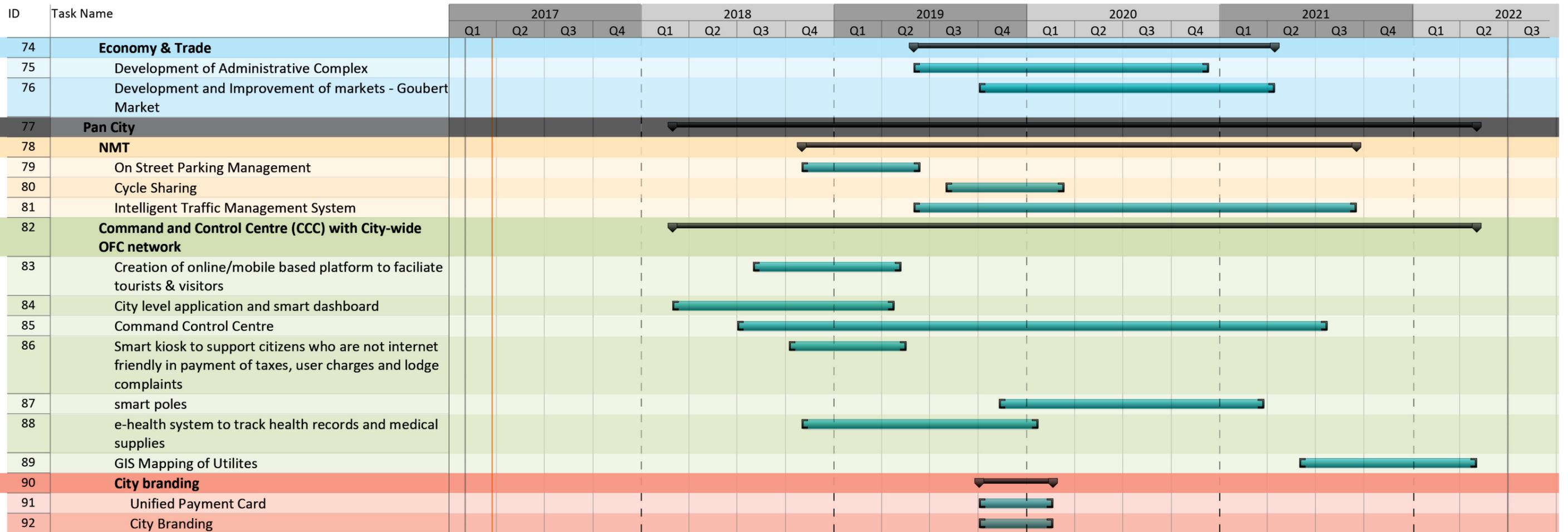


LEGEND

Task		Project Summary		Inactive Milestone		Manual Summary Rollup		Deadline	
Split		External Tasks		Inactive Summary		Manual Summary		Progress	
Milestone		External Milestone		Manual Task		Start-only			
Summary		Inactive Task		Duration-only		Finish-only			



3.11 IMPLEMENTATION PLAN



LEGEND

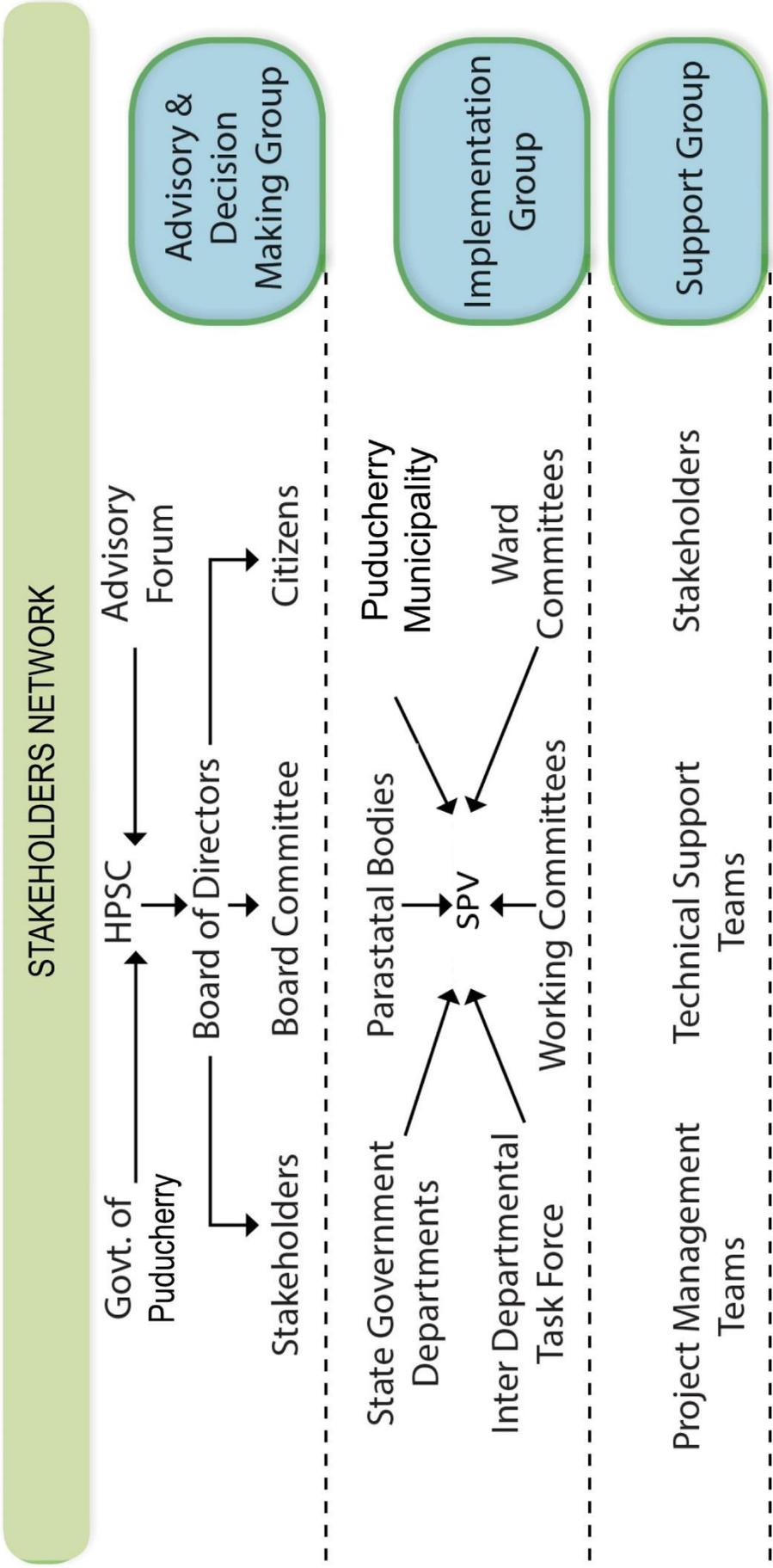




3.12 LIFE CYCLE COST INCLUDING O&M WITH REVENUE & PAY BACK



Sectors	Project No.	SCM Initiatives/Projects	Total Cost (INR Cr)	O & M Cost (INR Cr)	Opex Phasing (in Rs Crore)																																																																																																																																																																																																																																																																																																																																																																																																																																																										
					Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	Y11	Y12	Y13	Y14	Y15	Y16	Y17	Y18	Y19	Y20	Y21	Y22	Y23	Y24	Y25	Y26	Y27	Y28	Y29	Y30	Y31	Y32	Y33	Y34	Y35	Y36	Y37	Y38	Y39	Y40																																																																																																																																																																																																																																																																																																																																																																																																																			
12. Economy & Trade	k.6	Iconic Cycle Track - 10.3 km	9.73	0.09	0.00	0.04	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.12	0.12	0.12	0.13	0.13	0.14	0.14	0.15	0.15	0.16	0.16	0.17	0.17	0.18	0.18	0.19	0.19	0.20	0.21	0.00	0.00	0.00	0.00	0.00	0.00																																																																																																																																																																																																																																																																																																																																																																																																																						
	Transport Sub Total		214.13	4.89	1.14	4.84	4.88	4.89	4.89	5.04	5.19	5.34	5.50	5.67	5.84	5.99	6.17	6.35	6.54	6.74	6.94	7.15	7.37	7.59	7.71	0.68	0.70	0.72	0.74	0.76	0.79	0.81	0.83	0.86	0.88	0.20	0.21	0.00	0.00	0.00	0.00	0.00	0.00																																																																																																																																																																																																																																																																																																																																																																																																																				
	I.1	Development of Administrative Complex	105.00	1.50	0.08	0.53	1.20	1.50	1.50	1.50	1.55	1.59	1.64	1.69	1.74	1.79	1.84	1.90	1.96	2.02	2.08	2.14	2.20	2.27	2.34	2.41	2.48	2.55	2.63	2.71	2.79	2.87	2.96	3.05	3.14	3.23	3.33	3.43	3.53	3.64	3.75	3.86	3.98	4.10																																																																																																																																																																																																																																																																																																																																																																																																																			
	I.2	Development and Improvement of Goubert Market	78.75	1.24	0.00	0.12	0.56	1.24	1.24	1.24	1.28	1.32	1.35	1.40	1.44	1.48	1.53	1.57	1.62	1.67	1.72	1.77	1.82	1.88	1.93	1.99	2.05	2.11	2.17	2.24	2.31	2.38	2.45	2.52	2.60	2.67	2.75	2.84	2.92	3.01	3.10	3.19	3.29	3.39																																																																																																																																																																																																																																																																																																																																																																																																																			
Economy & Trade Sub Total		183.75	2.74	0.08	0.65	1.76	2.74	2.74	2.74	2.82	2.91	2.99	3.06	3.18	3.27	3.37	3.47	3.58	3.68	3.79	3.91	4.02	4.14	4.27	4.40	4.53	4.66	4.80	4.95	5.10	5.25	5.41	5.57	5.74	5.91	6.09	6.27	6.46	6.65	6.85	7.06	7.27	7.49																																																																																																																																																																																																																																																																																																																																																																																																																				
1. NMT	m.1	On Street Parking Management	1.58	0.15	0.05	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.17	0.17	0.18																																																																																																																																																																																																																																																																																																																																																																																																																																																
	m.2	Cycle Sharing	4.20	0.30	0.00	0.09	0.30	0.30	0.30	0.30	0.31	0.32	0.33	0.34																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	m.3	Intelligent Traffic Management	73.50	3.55	0.00	1.07	3.55	3.55	3.55	3.55	3.66	3.77	3.88	4.00	4.12	4.24	4.37	4.50	4.63	4.77	4.91	5.06	5.21	5.37	5.53	5.70	5.87	6.04	6.22	6.41	6.60	6.80																																																																																																																																																																																																																																																																																																																																																																																																																															
	NMT Sub Total		79.28	4.00	0.05	1.31	4.00	4.00	4.00	4.12	4.24	4.37	4.50	4.63	4.77	4.91	5.06	5.21	5.37	5.53	5.70	5.87	6.04	6.22	6.41	6.60	6.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																																																																																																																																																																																																																																																																																																																																																																																																								
2. CCC, E-Governance & City Branding	n.1	Smart Tourism	1.05	0.05	0.00	0.01	0.02	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.09																																																																																																																																																																																																																																																																																																																																																																																																																																					
	n.2	City level application and smart dashboard	5.25	0.25	0.03	0.11	0.25	0.25	0.25	0.25	0.26	0.27	0.28	0.29	0.30	0.31	0.32	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.41																																																																																																																																																																																																																																																																																																																																																																																																																																					
	n.3	Command Control Centre - an advanced integrated system to operate and	63.00	3.00	0.15	1.20	2.55	3.00	3.00	3.00	3.09	3.18	3.28	3.38	3.48	3.58	3.69	3.80	3.91	4.03	4.15	4.28	4.41	4.54	4.67	4.81	4.96	5.11	5.26	5.42	5.58	5.75	5.92	6.10	6.28	6.47	6.66	6.86	7.07	7.28	7.50	7.73	7.96	8.20																																																																																																																																																																																																																																																																																																																																																																																																																			
	n.4	Smart kiosk	5.25	0.25	0.06	0.25	0.25	0.25	0.25	0.25	0.26	0.27	0.28	0.29	0.30	0.31	0.32	0.33	0.34	0.35																																																																																																																																																																																																																																																																																																																																																																																																																																											
	n.5	130 smart poles (CCTV, Wifi, Air Quality Monitoring)	13.65	0.65	0.00	0.07	0.65	0.65	0.65	0.65	0.67	0.69	0.71	0.73	0.75	0.78	0.80	0.82	0.85	0.87	0.90	0.93	0.95	0.98	1.01	1.04	1.07																																																																																																																																																																																																																																																																																																																																																																																																																																				
	n.6	e-health system to track health records and medical supplies	18.90	1.00	0.10	0.50	1.00	1.00	1.00	1.00	1.03	1.06	1.09	1.13	1.16	1.19	1.23	1.27	1.30	1.34	1.38	1.43																																																																																																																																																																																																																																																																																																																																																																																																																																									
	n.7	GIS Mapping of Utilities	3.15	0.09	0.01	0.05	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.11	0.12	0.12	0.12	0.13	0.13	0.14	0.14	0.14	0.15	0.15	0.16	0.16	0.17	0.17	0.18	0.18	0.19	0.19	0.20																																																																																																																																																																																																																																																																																																																																																																																																																										
	CCC & E-Governance Sub Total		110.25	5.29	0.35	2.18	4.81	5.29	5.29	5.29	5.45	5.61	5.78	5.95	6.13	6.32	6.51	6.70	6.90	7.11	7.32	7.53	7.74	7.95	8.16	8.37	8.58	8.79	9.00	9.21	9.42	9.63	9.84	10.05	10.26	10.47	10.68	10.89	11.10	11.31	11.52	11.73	11.94	12.15	12.36	12.57	12.78	12.99	13.20	13.41	13.62	13.83	14.04	14.25	14.46	14.67	14.88	15.09	15.30	15.51	15.72	15.93	16.14	16.35	16.56	16.77	16.98	17.19	17.40	17.61	17.82	18.03	18.24	18.45	18.66	18.87	19.08	19.29	19.50	19.71	19.92	20.13	20.34	20.55	20.76	20.97	21.18	21.39	21.60	21.81	22.02	22.23	22.44	22.65	22.86	23.07	23.28	23.49	23.70	23.91	24.12	24.33	24.54	24.75	24.96	25.17	25.38	25.59	25.80	26.01	26.22	26.43	26.64	26.85	27.06	27.27	27.48	27.69	27.90	28.11	28.32	28.53	28.74	28.95	29.16	29.37	29.58	29.79	30.00	30.21	30.42	30.63	30.84	31.05	31.26	31.47	31.68	31.89	32.10	32.31	32.52	32.73	32.94	33.15	33.36	33.57	33.78	33.99	34.20	34.41	34.62	34.83	35.04	35.25	35.46	35.67	35.88	36.09	36.30	36.51	36.72	36.93	37.14	37.35	37.56	37.77	37.98	38.19	38.40	38.61	38.82	39.03	39.24	39.45	39.66	39.87	40.08	40.29	40.50	40.71	40.92	41.13	41.34	41.55	41.76	41.97	42.18	42.39	42.60	42.81	43.02	43.23	43.44	43.65	43.86	44.07	44.28	44.49	44.70	44.91	45.12	45.33	45.54	45.75	45.96	46.17	46.38	46.59	46.80	47.01	47.22	47.43	47.64	47.85	48.06	48.27	48.48	48.69	48.90	49.11	49.32	49.53	49.74	49.95	50.16	50.37	50.58	50.79	51.00	51.21	51.42	51.63	51.84	52.05	52.26	52.47	52.68	52.89	53.10	53.31	53.52	53.73	53.94	54.15	54.36	54.57	54.78	54.99	55.20	55.41	55.62	55.83	56.04	56.25	56.46	56.67	56.88	57.09	57.30	57.51	57.72	57.93	58.14	58.35	58.56	58.77	58.98	59.19	59.40	59.61	59.82	60.03	60.24	60.45	60.66	60.87	61.08	61.29	61.50	61.71	61.92	62.13	62.34	62.55	62.76	62.97	63.18	63.39	63.60	63.81	64.02	64.23	64.44	64.65	64.86	65.07	65.28	65.49	65.70	65.91	66.12	66.33	66.54	66.75	66.96	67.17	67.38	67.59	67.80	68.01	68.22	68.43	68.64	68.85	69.06	69.27	69.48	69.69	69.90	70.11	70.32	70.53	70.74	70.95	71.16	71.37	71.58	71.79	72.00	72.21	72.42	72.63	72.84	73.05	73.26	73.47	73.68	73.89	74.10	74.31	74.52	74.73	74.94	75.15	75.36	75.57	75.78	75.99	76.20	76.41	76.62	76.83	77.04	77.25	77.46	77.67	77.88	78.09	78.30	78.51	78.72	78.93	79.14	79.35	79.56	79.77	79.98	80.19	80.40	80.61	80.82	81.03	81.24	81.45	81.66	81.87	82.08	82.29	82.50	82.71	82.92	83.13	83.34	83.55	83.76	83.97	84.18	84.39	84.60	84.81	85.02	85.23	85.44	85.65	85.86	86.07	86.28	86.49	86.70	86.91	87.12	87.33	87.54	87.75	87.96	88.17	88.38	88.59	88.80	89.01	89.22	89.43	89.64	89.85	90.06	90.27	90.48	90.69	90.90	91.11	91.32	91.53	91.74	91.95	92.16	92.37	92.58	92.79	93.00	93.21	93.42	93.63	93.84	94.05	94.26	94.47	94.68	94.89	95.10	95.31	95.52	95.73	95.94	96.15	96.36	96.57	96.78



3.14 FINANCIAL ANALYSIS OF SCP



Sectors	Project No.	SCM Initiatives/Projects	Total Cost (INR Cr)	O & M Cost (INR Cr)	Means of Finance										Project Life Cycle (in Yrs)	Annual Revenue @ current prices (INR Cr)	LCC @ Current price (INR Cr)	Life Cycle Revenue @ Current price (INR Cr)								
					Convergence from Go/GoP schemes			Other Mode of Finance			SCM		Capex Phasing (in %)						Capex Phasing (in Rs Crore)							
					Name of Scheme	% of TC	Amount (INR Cr)	Name	% of TC	Amount (INR Cr)	% of TC	Amount (INR Cr)	Y1	Y2					Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5
Area Based Development																										
1. Tourism & Heritage	a.1	Development of Mairie Building	16.80	0.32	WB Grant	90%	15.10				10%	1.70	5%	30%	45%	20%		0.84	5.04	7.56	3.36	0.00	50	0.36	32.80	18.00
	a.2	Extension of beach promenade (by 1.7 km)	22.05	0.42	MoT - Swadesh Darshan	65%	14.3				35%	7.72		30%	45%	25%		0.00	6.62	9.92	5.51	0.00	30	0.72	34.65	21.60
	a.3	Improvement of Streetscapes in the Heritage Area	17.00	0.32	MoT - Swadesh Darshan	59%	10.0				41%	7.00	20%	55%	25%			3.40	9.35	4.25	0.00	0.00	20	0.00	23.40	0.00
	a.4	Urban Entertainment Village at old port	89.25	1.70	MoT - Swadesh Darshan	65%	58.0				35%	31.24		50%	25%	25%		0.00	44.63	22.31	22.31	0.00	30	11.50	140.25	345.14
	a.5	Improvement of historic temples (Vedapureeswarar, Perumal Temple and Sacred Heart Church)	12.60	0.24	MoT Prasad	65%	8.2				35%	4.41		25%	45%	30%		0.00	3.15	5.67	3.78	0.00	25	0.08	18.60	1.92
	a.6	Cultural complex with art & Digital Museum @ old distillery site	21.37	0.50				PPP	100%	21.37			5%	30%	45%	20%		1.07	6.41	9.62	4.27	0.00	50	1.00	46.37	49.88
	a.7	Modernization of existing Museum, Virtual Reality of history of Puducherry at Museum (Existing museum Building)	4.88	0.09							100%	4.88		25%	45%	30%		0.00	1.22	2.20	1.46	0.00	20	0.53	6.68	10.69
	a.8	Improvement of Botanical Garden	15.75	0.70	MoEF	68%	10.8	PPP	32%	5.00			5%	30%	45%	20%		0.79	4.73	7.09	3.15	0.00	25	0.73	33.25	18.25
	a.9	Eco Tourism within the urban forest area in Swadeshi Mill - (Refurbishment of existing built space)	5.25	0.25				PPP	100%	5.25			60%	40%				3.15	2.10	0.00	0.00	0.00	30	6.02	12.75	180.72
	a.10	Tourist amenities:- Signage, Information Kiosks, Heritage/Audio guided tour etc.	4.20	0.04							100%	4.20	20%	30%	50%			0.84	1.26	2.10	0.00	0.00	20	9.04	5.00	180.80
	a.11	Grand Canal Development - 3 km Stretch (Rehabilitation and beautification, pedestrian pathways, iconic cycle tracks and street furnitures, F&B etc)	157.50	4.00				AFD	70%	110.25	30%	47.25	5%	30%	45%	20%		7.88	47.25	70.88	31.50	0.00	30	0.48	277.50	14.40
	a.12	Beach Restoration & Entertainment	31.50	0.90							100%	31.50	40%	60%				12.60	18.90	0.00	0.00	0.00	30	0.00	58.50	0.00
	a.13	Development of an Open Congregation Facility for Public Gathering in AFT Ground with Stage, Seating spaces etc.	6.30	0.12							100%	6.30	40%	60%				2.52	3.78	0.00	0.00	0.00	15	0.12	8.10	1.80
	a.14	Development of facilities public gathering, exhibitions at Anna Thidal at Anna Square - 3.5 acres with toilet facilities, gallery, lighting, safety, parking	5.25	0.12							100%	5.25	40%	60%				2.10	3.15	0.00	0.00	0.00	15	1.84	7.05	27.62
	a.15	Restoration & maintenance of Government Heritage buildings	10.50	0.21							100%	10.50	40%	60%				4.20	6.30	0.00	0.00	0.00	20	1.62	14.70	32.40
Tourism Sub-Total (INR in Crores)			420.20	9.93					116.4		141.87						39.38	163.88	141.59	75.35	0.00		34.05	719.60	903.21	
2. Energy	b.1	Up-gradation of Substation from AIS to GIS at Marapalam (110/22-11 KV)	26.25	0.75	IPDS	60%	15.8				40%	10.50	50%	50%			13.13	13.13	0.00	0.00	0.00	25	0.00	45.00	0.00	
	b.2	Utility ducting corridor with provisions for electric cables, optical fibre, cable network for 155 km [35KM Both sides ducting, 85 Km one side.]	195.30	1.86	IPDS	60%	117.2				40%	78.12	10%	25%	25%	15%	19.53	48.83	48.83	48.83	29.30	30	1.12	251.10	33.48	
	b.3	Smart metering with Remote Monitoring (SCADA system) for 31000 households	25.20	0.48	NSGM	30%	7.6				70%	17.64		75%	25%			0.00	18.90	6.30	0.00	0.00	10	1.64	30.00	16.40
	b.4	Installing roof top solar system in public buildings.	22.05	0.42	NSM	30%	6.6				70%	15.44		65%	35%			0.00	14.33	7.72	0.00	0.00	25	1.46	32.55	36.50
	b.5	Smart street lighting	29.40	0.28	SLNP	100%	29.4						35%	65%				10.29	19.11	0.00	0.00	0.00	15	1.07	33.60	16.07
	b.6	Conversion of 2 pole structure and transformer including 10% spare Quantity (88 nos).	36.96	0.70	IPDS	60%	22.2				40%	14.78			40%	60%		0.00	0.00	14.78	22.18	0.00	25	0.00	54.56	0.00
Energy Sub Total			335.16	4.49					198.7		0.00						42.95	114.29	77.63	71.00	29.30		5.29	446.81	102.45	
3. Housing	c.1	Housing for Slum (Housing for 1750 dwelling units including 350 units planned at Chinnayapuram and Jaffarbai Thottam, Kumaragurupallam, Distillery Quarters & Other sites)	217.88	0.63	Housing For All	10%	21.9				90%	196.00	10%	21%	35%	34%	21.79	45.75	76.26	74.08	0.00	35	2.10	239.93	73.50	
	Housing Sub Total			217.88	0.63				21.9		0.00						21.79	45.75	76.26	74.08	0.00		2.10	239.93	73.50	
4. Education	d.1	Restoration & Digitization of Heritage Educational Institutions (Calve College, VOC School, Pensionat de Jeunes Filles)	5.25	0.15						100%	5.25		25%	45%	30%		0.00	1.31	2.36	1.58	0.00	30		9.75	0.00	
	Education Sub Total			5.25	0.15				0.00		0.00						0.00	1.31	2.36	1.58	0.00		0.00	9.75	0.00	
5. Water Supply	e.1	Rehabilitation of water distribution system for achieving 24x7 Water Supply - 12 DMA Zone Creation-Network Remodelling in and around boulevard area	32.76	0.31	AMRUT	10%	3.3	AFD	63%	20.80	27%	8.68	50%	50%			16.38	16.38	0.00	0.00	0.00	30	0.00	42.06	0.00	
	e.2	a) Pressure meter b) Water Quality Meters, c) BULK flowmeter, d) Replacement of house connections with GI Pipes	10.50	0.15	AMRUT	10%	1.1	AFD	63%	6.67	27%	2.78	15%	30%	40%	10%	5%	1.58	3.15	4.20	1.05	0.53	10	0.00	12.00	0.00
	e.3	Smart Metering (30,000 households)	25.20	1.20	AMRUT	10%	2.5	AFD	63%	16.00	27%	6.68		75%	25%			0.00	18.90	6.30	0.00	0.00	10	4.65	37.20	46.50
	e.4	Water ATM - 50 nos at different locations	1.58	0.08							100%	1.58	10%	65%	25%			0.16	1.02	0.39	0.00	0.00	15	9.13	2.78	136.88
	e.5	Roof top rainwater harvesting	5.25	0.16							100%	5.25	10%	65%	25%			0.53	3.41	1.31	0.00	0.00	30		10.05	0.00
Water Sub Total			75.29	1.90				6.9		43.46		24.97					18.64	42.87	12.21	1.05	0.53		13.77	104.09	183.37	
6. Urban	f.1	Conditional assessment and remodelling of Under-Ground Sewerage system in boulevard area	52.50	1.00				AFD	90%	47.25	10%	5.25		25%	30%	25%	20%	0.00	13.13	15.75	13.13	10.50	30	1.54	82.50	46.31
	f.2	Augmentation of Existing Pump Station in Kuruchikuppam & Lalbahadur Sasthri Street	5.25	0.25				AFD	90%	4.73	10%	0.53	45%	55%				2.36	2.89	0.00	0.00	0.00	15	0.00	9.00	0.00

3.14 FINANCIAL ANALYSIS OF SCP

Sectors	Project No.	SCM Initiatives/Projects	Total Cost (INR Cr)	O & M Cost (INR Cr)	Means of Finance										Project Life Cycle (in Yrs)	Annual Revenue @ current prices (INR Cr)	LCC @ Current price (INR Cr)	Life Cycle Revenue @ Current price (INR Cr)									
					Convergence from Go/GoP schemes			Other Mode of Finance			SCM		Capex Phasing (in %)						Capex Phasing (in Rs Crore)								
					Name of Scheme	% of TC	Amount (INR Cr)	Name	% of TC	Amount (INR Cr)	% of TC	Amount (INR Cr)	Y1	Y2					Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5	
6. Sewerage	f.3	Installation of 14 level sensors at statergic location	1.58	0.08				AFD	90%	1.42	10%	0.16			30%	70%		0.00	0.00	0.47	1.10	0.00	10	0.00	2.38	0.00	
	f.4	Recycled Water Network- Transmission and pumping for public spaces & Industries	5.25	0.25				AFD	90%	4.73	10%	0.53		25%	30%	25%	20%	0.00	1.31	1.58	1.31	1.05	30	1.28	12.75	38.33	
	f.5	Tertiary Treatment plant at Lawspet and Dubrayapet STP for 25% of Recyled Water capacity	10.50	0.25				AFD	90%	9.45	10%	1.05				100%		0.00	0.00	0.00	10.50	0.00	30	0.00	18.00	0.00	
	Sewerage Sub Total			75.08	1.83						67.57		7.51					2.36	17.33	17.80	26.04	11.55		2.82	124.63	84.63	
7. Sanitation	g.1	Public toilets up gradation of 60 nos & construction of 40 nos new public toilets at different location	2.10	0.06				SBM	24%	0.5			76%	1.60	100%			2.10	0.00	0.00	0.00	0.00	30	0.32	3.90	9.50	
	g.2	Mobile Toilets (10 nos)	1.05	0.03				SBM	24%	0.2			76%	0.80	100%			1.05	0.00	0.00	0.00	0.00	15	0.12	1.50	1.81	
	g.3	Modular E toilets (5 Nos)	0.26	0.00				SBM	24%	0.1			76%	0.20		100%		0.00	0.26	0.00	0.00	0.00	15	0.05	0.26	0.68	
	Sanitation Sub Total			3.41	0.09						0.8		2.61					3.15	0.26	0.00	0.00	0.00		0.48	5.66	11.99	
8. Solid Waste	h.1	Segregation, Collection and transportation vehicles with GPS tracking - 5 nos	4.67	2.00									100%	4.67		40%	60%	0.00	1.87	2.80	0.00	0.00	15	4.72	34.67	70.77	
	h.2	ICT on Solid Waste Management (sensor based Bins)	1.71	0.08									100%	1.71		90%	10%	0.00	0.00	1.54	0.17	0.00	10	0.00	2.51	0.00	
	h.3	Waste to energy Project - Propotionate cost for ABD area population)	15.75	1.05									100%	15.75	10%	25%	45%	20%	1.58	3.94	7.09	3.15	0.00	30	0.63	47.25	18.92
	Solid Waste Sub Total			22.13	3.13						0.0		22.13					1.58	5.81	11.43	3.32	0.00		5.35	84.43	89.69	
9. Storm Water	i.1	Improvement of primary Storm Water Drainage System in ABD area and upper catchment area	52.50	2.50				AFD	90%	47.25	10%	5.25		30%	70%			0.00	15.75	36.75	0.00	0.00	30	0.00	127.50	0.00	
	i.2	Improvement of tertiary drains (Municipal drains)	21.00	0.49				AFD	90%	18.90	10%	2.10			20%	40%	40%	0.00	0.00	4.20	8.40	8.40	30	0.00	35.70	0.00	
	i.3	Installation of sensors at statergic Location	1.05	0.25				AFD	90%	0.95	10%	0.11			30%	70%		0.00	0.00	0.32	0.74	0.00	10	0.00	3.55	0.00	
	Storm Water Sub Total			74.55	3.24						0.0		67.10					0.00	15.75	41.27	9.14	8.40		0.00	166.75	0.00	
10. OFC	j.1	Optical fiber Cabling	6.83	0.33									100%	6.83		20%	40%	40%	0.00	0.00	1.37	2.73	2.73	20	0.22	13.43	4.32
OFC Sub Total			6.83	0.33						0.0		6.83						0.00	0.00	1.37	2.73	2.73		0.22	13.43	4.32	
11. Transport	k.1	Smart Integrated Bus Terminus (4.5 acres) with 25000 sqft commercial space	31.50	0.40				PPP	100%	31.50				25%	75%			7.88	23.63	0.00	0.00	0.00	20	4.88	39.50	97.68	
	k.2	Intra City Bus Terminus along with Multi-level Parking & Commercial Space Development at Thiruvalluvar Bus Stand and Old Bus Stand	15.75	0.32				PPP	100%	15.75				25%	75%			3.94	11.81	0.00	0.00	0.00	30	4.32	25.35	129.60	
	k.3	Disable friendly Pedestrianization footpath - along roads > 7m width within 130 km road network	129.94	0.56									100%	129.94	15%	85%			19.49	110.45	0.00	0.00	0.00	20	0.00	141.14	0.00
	k.4	Public Transportation: E-Bus Stops at 9 locations and 9 Smart Buses	26.25	3.50				FAME	51%	13.5			49%	12.75	25%	75%			6.56	19.69	0.00	0.00	0.00	20	2.58	96.25	51.62
	k.5	Feeder System - E-Rickshaws - 70 nos.	0.96	0.02				PPP	100%	0.96				25%	75%			0.24	0.72	0.00	0.00	0.00	10	6.39	1.15	63.88	
	k.6	Iconic Cycle Track - 10.3 km	9.73	0.09									100%	9.73		45%	50%	5%	0.00	4.38	4.87	0.49	0.00	30	0.00	12.43	0.00
	Transport Sub Total			214.13	4.89						13.5		48.21						38.10	170.67	4.87	0.49	0.00		18.17	315.82	342.78
12. Economy & Trade	l.1	Development of Administrative Complex in Swadeshi Mills	105.00	1.50				PPP	62%	65.00	38%	40.00	5%	30%	45%	20%		5.25	31.50	47.25	21.00	0.00	50	19.80	180.00	990.00	
	l.2	Development and Improvement of markets - Goubert Market (2.9 acres) with additional commercial space of 50,000 sqft including MLP at old jail	78.75	1.24				PPP	59%	43.56	45%	35.19		10%	35%	55%		0.00	7.88	27.56	43.31	0.00	50	8.45	140.75	422.72	
	Economy & Trade Sub Total			183.75	2.74						0.0		108.56					5.25	39.38	74.81	64.31	0.00		28.25	320.75	1412.72	
PAN City solution																											
1. NMT	m.1	On Street Parking Management	1.58	0.15									100%	1.58	30%	70%			0.47	1.10	0.00	0.00	0.00	10	7.32	3.08	73.24
	m.2	Cycle Sharing	4.20	0.30									100%	4.20		30%	70%		0.00	1.26	2.94	0.00	0.00	7	0.65	6.30	4.53
	m.3	Intelligent Traffic Management System	73.50	3.55									100%	73.50		30%	70%		0.00	22.05	51.45	0.00	0.00	25		162.25	0.00
	NMT Sub Total			79.28	4.00						0.0		79.28						0.47	24.41	54.39	0.00	0.00		7.97	171.63	77.77
2. CCC, E-Governance & City Branding	n.1	Creation of online/mobile based platform to faciliate tourists & visitors	1.05	0.05									100%	1.05		10%	30%	60%	0.00	0.11	0.32	0.63	0.00	20	0.00	2.05	0.00
	n.2	City level application and smart dashboard	5.25	0.25									100%	5.25	10%	35%	55%		0.53	1.84	2.89	0.00	0.00	20	0.00	10.25	0.00
	n.3	Command Control Centre - an advanced integrated system to operate and manage multiple city service operations	63.00	3.00									100%	63.00	5%	35%	45%	15%	3.15	22.05	28.35	9.45	0.00	60	0.00	243.00	0.00
	n.4	Smart kiosk to support citizens who are not internet friendly in payment of taxes, user charges and lodge complaints	5.25	0.25									100%	5.25	25%	75%			1.31	3.94	0.00	0.00	0.00	15	0.00	9.00	0.00
	n.5	130 smart poles (CCTV, Wifi, Air Quality Monitoring)	13.65	0.65									100%	13.65		10%	90%		0.00	1.37	12.29	0.00	0.00	20	0.78	26.65	15.60
	n.6	e-health system to track health records and medical supplies	18.90	1.00				NHUM	20%	3.8			80%	15.12	10%	40%	50%		1.89	7.56	9.45	0.00	0.00	15	0.00	33.90	0.00
	n.7	GIS Mapping of Utilities	3.15	0.09				Digital India	20%	0.6			80%	2.52	10%	40%	50%		0.32	1.26	1.58	0.00	0.00	30	0.00	5.85	0.00
	CCC & E-Governance Sub Total			110.25	5.29						4.4		105.84						7.19	38.12	54.86	10.08	0.00		0.78	330.70	15.60
	o.1	Unified Payment Card	2.56	0.00				PPP	100%	2.56				25%	75%				0.64	1.92	0.00	0.00	0.00	15	0.00	2.56	0.00
	o.2	City Branding	2.10	0.00									100%	2.10	10%	40%	50%		0.21	0.84	1.05	0.00	0.00	100	0.00	2.10	0.00
City branding Sub Total			4.66	0.00						0.0		2.56						0.85	2.76	1.05	0.00	0.00		0.00	4.66	0.00	
ABD - Total Cost			1633.64	33.35						358.10		476.76						173.19	615.98	459.21	327.51	52.50		110.51	2551.63	3208.66	
PAN City Total Cost			194.19	9.29						4.4		2.56						8.52	65.29	110.30	10.08	0.00		8.75	506.99	93.37	
Grand Total			1827.82	42.64						20%	362.51		26%	479.32				181.71	682.58	571.88	339.16	52.50		119.26	3058.62	3302.04	

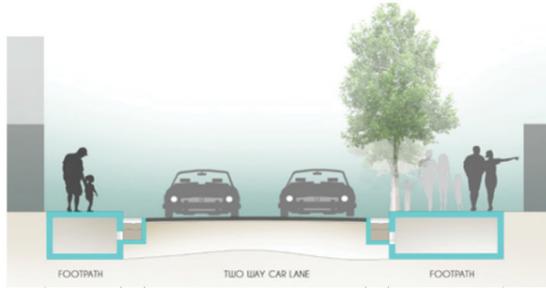
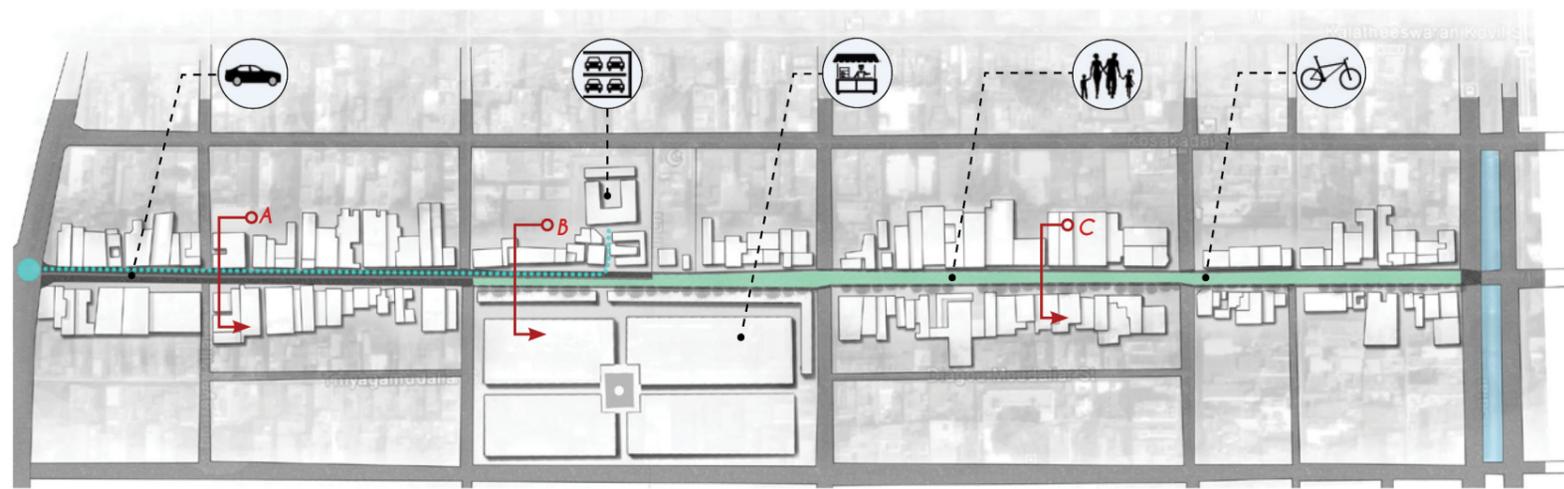
3.15 PEDESTRIANIZATION OF JN STREET



PEDESTRIANISATION OF JN STREET

JN Street is designed as a public corridor catering primarily to the pedestrians. The cars are taken to the old jail parking through a service lane.

- 
PARKING
 Multi Level Parking to be proposed at the Old Jail Complex to decongest the surrounding areas.
- 
PEDESTRIANISATION
 The stretch of Jn Street beyond the Old Jail to facilitate complete Pedestrianization.
- 
CYCLING LANE
 The stretch also integrates a dedicated public corridor for cycling and other non motorised movement.
- 
VEHICULAR MOVEMENT
 The street is proposed to have a service lane taking the cars to the old jail. The Exit from Old Jail is onto the adjacent sheet.



Section A



Section B



Section C



View beyond Old Jail



View of JN Street

3.16 REJUVENATION OF GRAND CANAL



GRAND CANAL REJUVENATION

The canal is designed with the concept of 'Enhancing the iconic water front'. The banks of the canal are converted into a platform of interaction with no borders. The canal is split into different zones to facilitate different activities

Water Zone:
This Zone involves dredging up the canal to facilitate activities like, small pools, landscape etc.

Landscape Zone:
This Zone involves using the available covered space as plazas, cafes, gardens etc.

Mixed Zone:
This Zone has a lot of bridges forming small pockets of water. Each Zone is used for different activities, such as Splash Pools, Covered spaces etc.

LEGEND OF ACTIVITIES

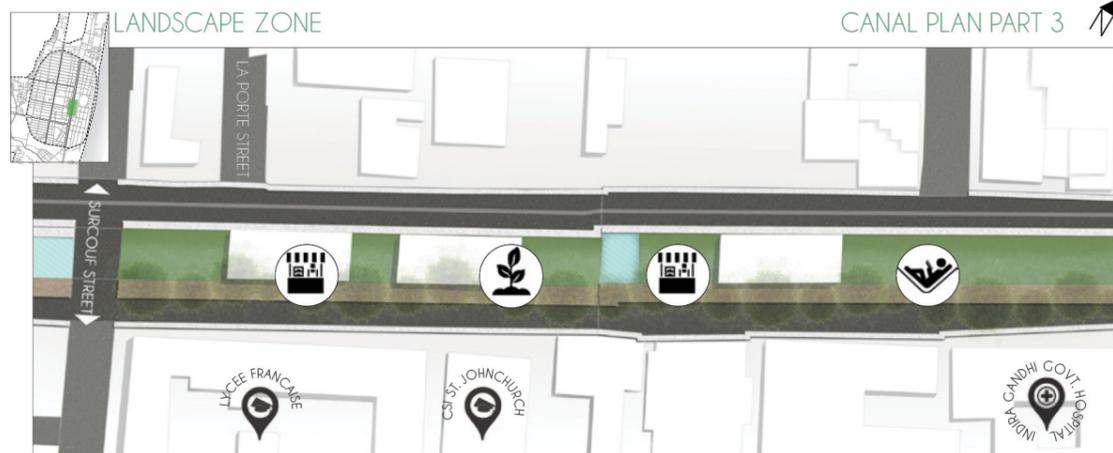
- VENDOR/TEMPORARY STALLS
- LANDSCAPE/PLANTERS
- READING AREA
- STEPS DOWN TO THE WATER
- WALKING AREA
- LANDSCAPE SPACE
- GAMES/SMALL ACTIVITIES
- SPLASH POOLS
- KIDS PLAY AREA



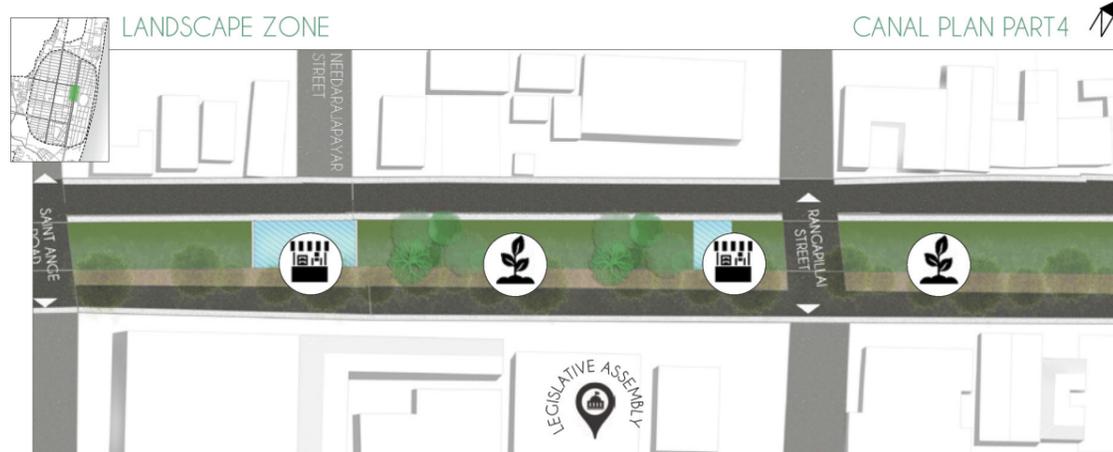
CANAL PLAN PART 1



CANAL PLAN PART 2



CANAL PLAN PART 3



CANAL PLAN PART 4

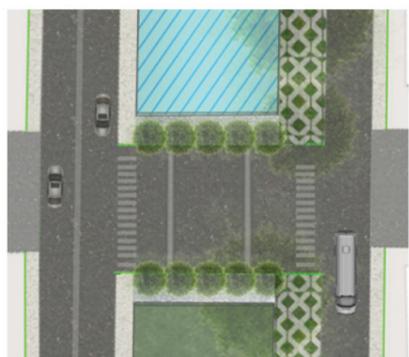


View of the Pedestrian Path

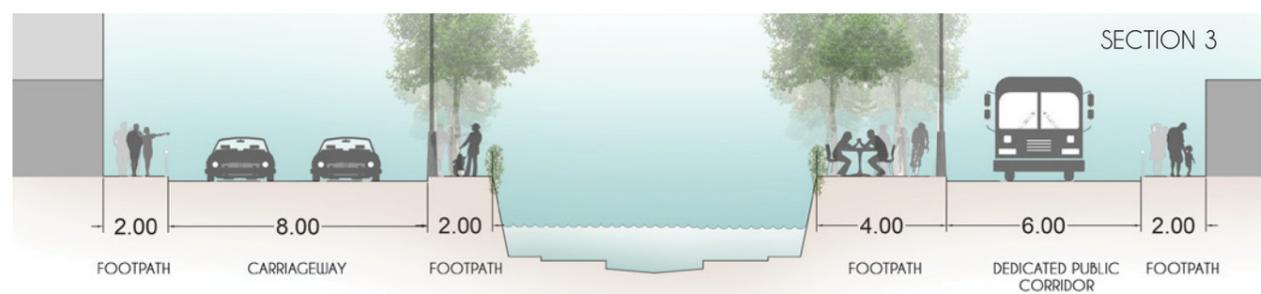
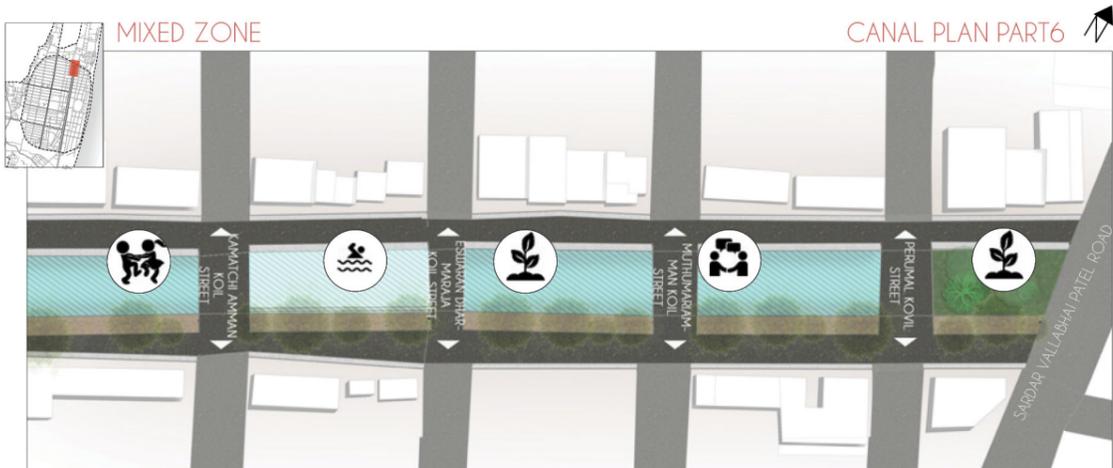
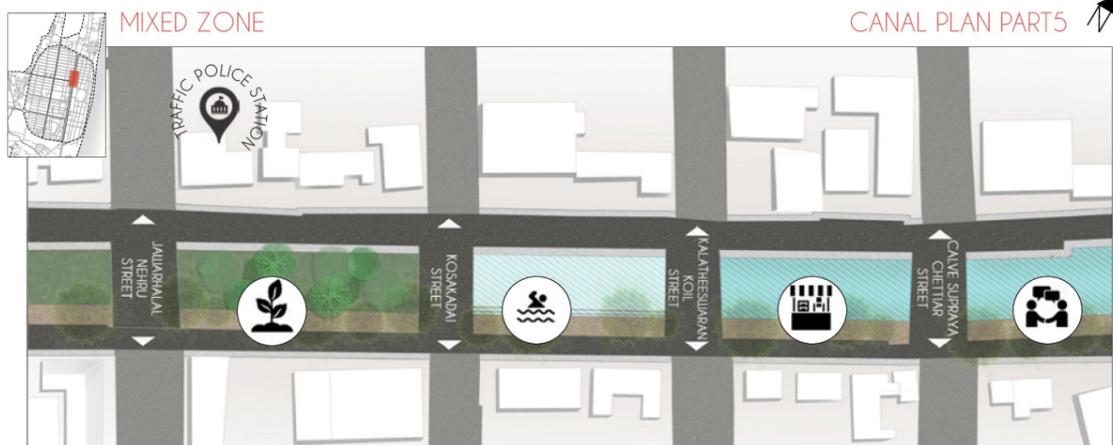
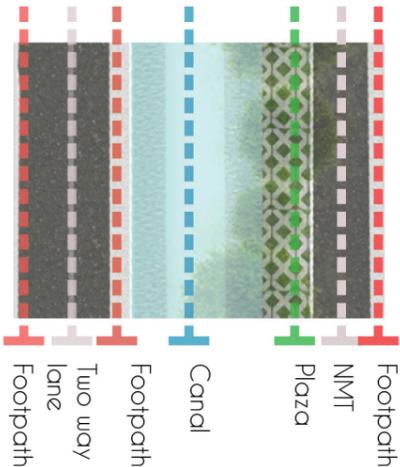


View of the Water Zone

3.16 REJUVENATION OF GRAND CANAL



JUNCTION AND CIRCULATION





3.17 URBAN ENTERTAINMENT VILLAGE AT OLD PORT



URBAN ENTERTAINMENT VILLAGE

The Old Port is envisioned as an **Urban Entertainment Village**, that caters to the people of the city. It includes Play Areas, Display Boards etc.

Parking is also proposed to decongest traffic in the surrounding area.

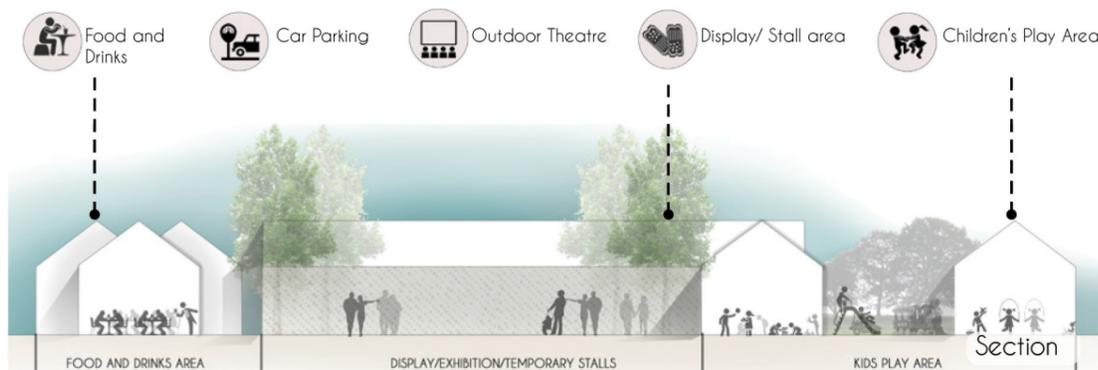
Adaptive Reuse
The Warehouses are reused as a **temporary activity space**, a resto-bar and a kid's play area.



Plan



Adaptive Reuse Of Warehouses



- Food and Drinks
- Car Parking
- Outdoor Theatre
- Display/ Stall area
- Children's Play Area

Section



View of the pier



Outdoor View

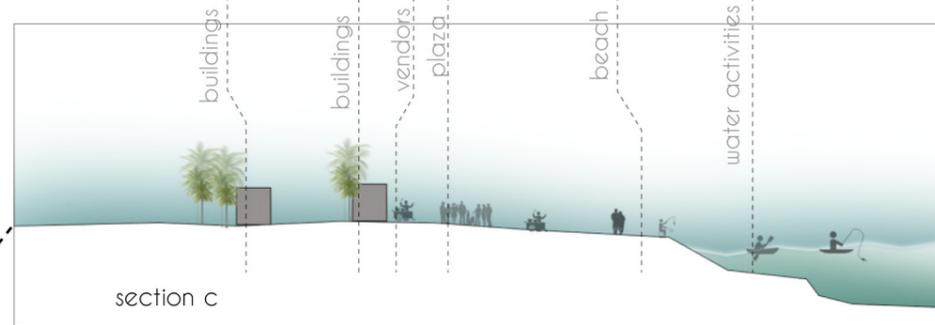
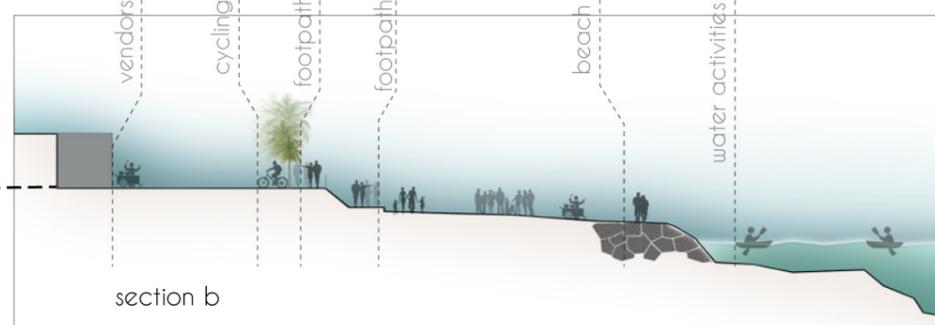
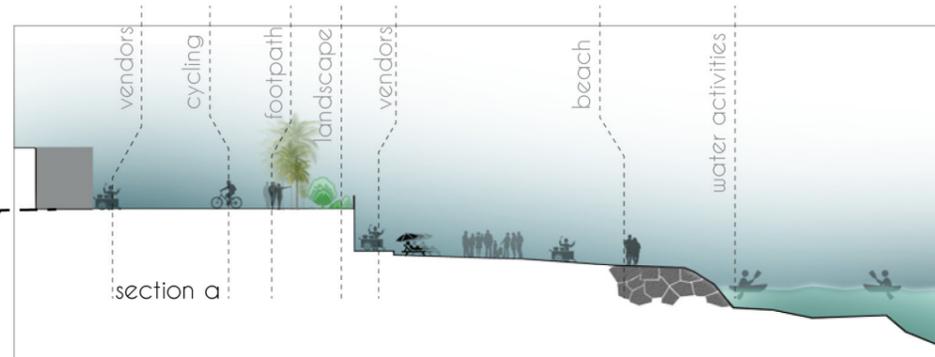
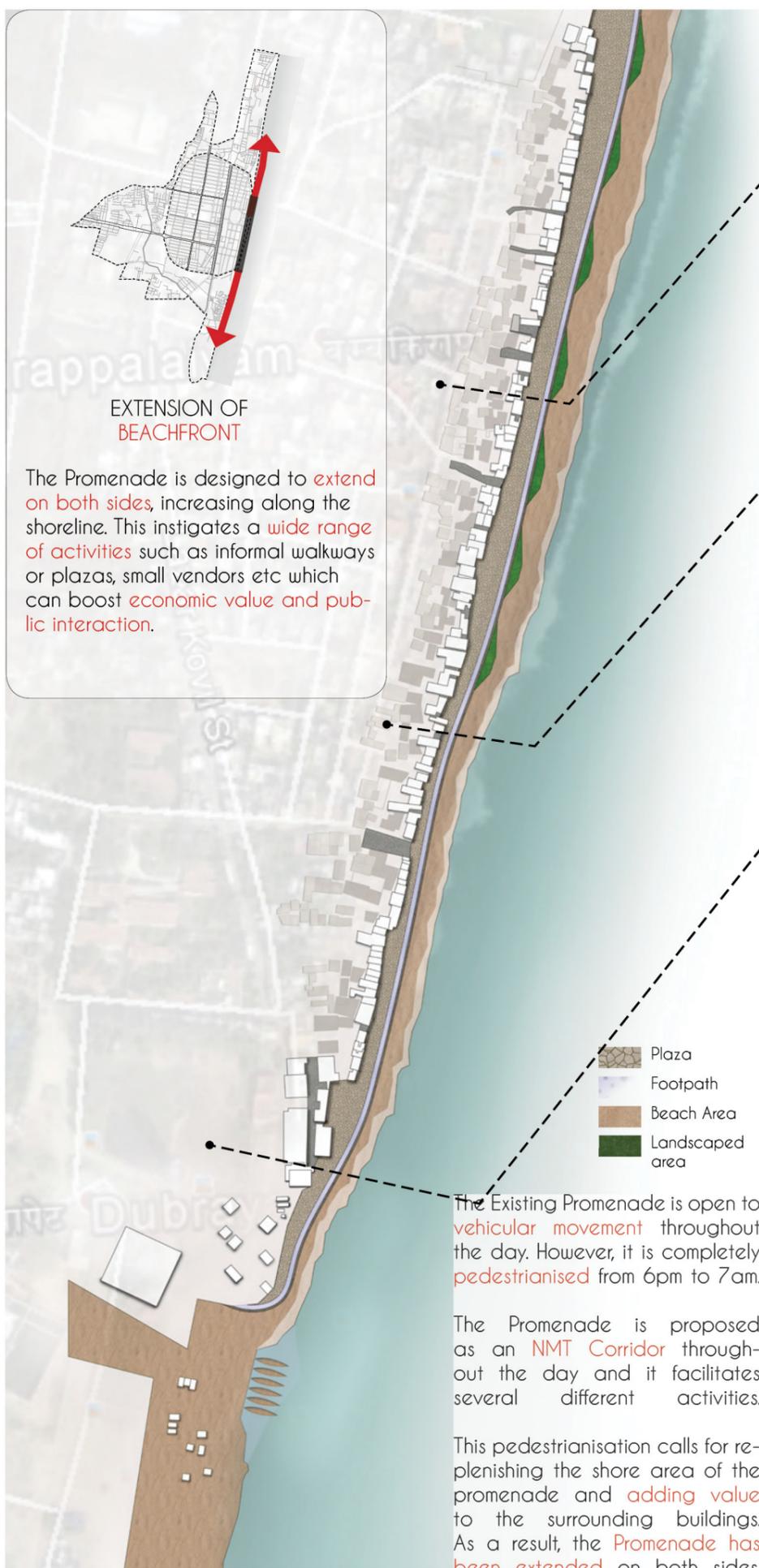


Interior View



View of the kid's play area

3.18 EXTENSION OF BEACH PROMENADE

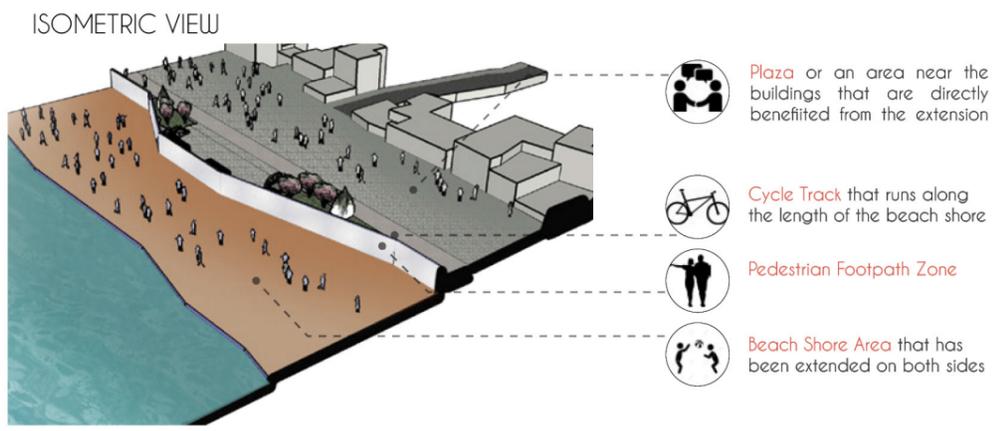


- Plaza
- Footpath
- Beach Area
- Landscaped area

The Existing Promenade is open to **vehicular movement** throughout the day. However, it is completely **pedestrianised** from 6pm to 7am.

The Promenade is proposed as an **NMT Corridor** throughout the day and it facilitates several different activities.

This pedestrianisation calls for replenishing the shore area of the promenade and **adding value** to the surrounding buildings. As a result, the **Promenade has been extended on both sides**





3.19 ART AND CULTURE COMPLEX AT OLD DISTILLERY

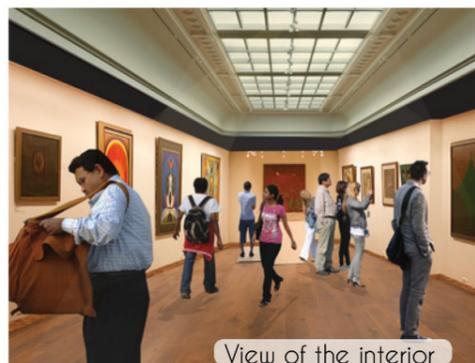
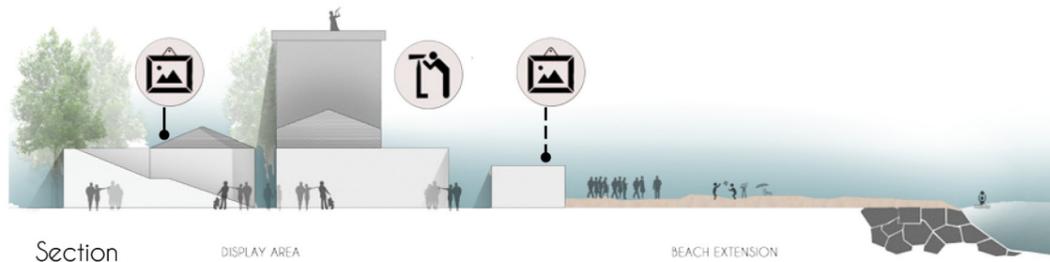


URBAN ART AND CULTURE COMPLEX

The Distillery, is envisioned as an **Urban Art and Culture Complex** that can showcase the Heritage of Pondicherry at the start of the Promenade.

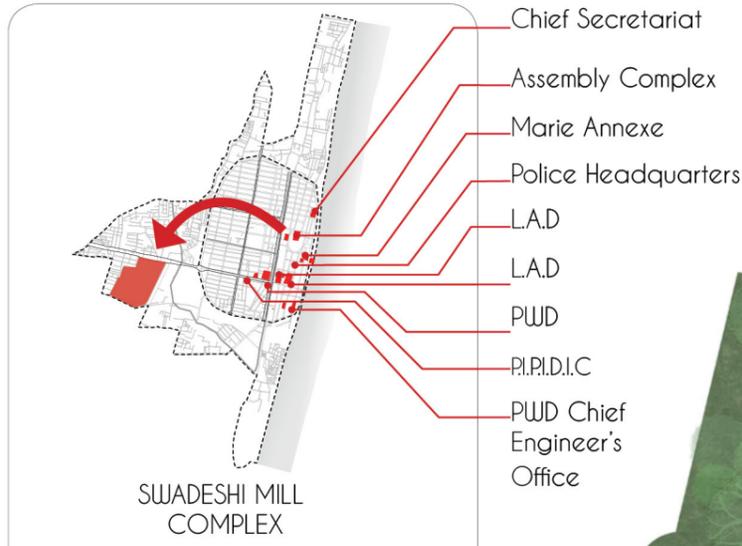
The Distillery boasts of an **unrestricted view of the promenade and the beach**, further emphasized by a viewing tower that can be publicly accessible.

- DISPLAY AREAS**
To showcase and Display the Art and Cultural heritage of Pondicherry
- EXHIBITION SPACE**
To educate people about the city in an innovative way
- VIEWING AREAS**
The tower that provides a view of the entire promenade
- CAR PARKING AREA**
To decongest the promenade



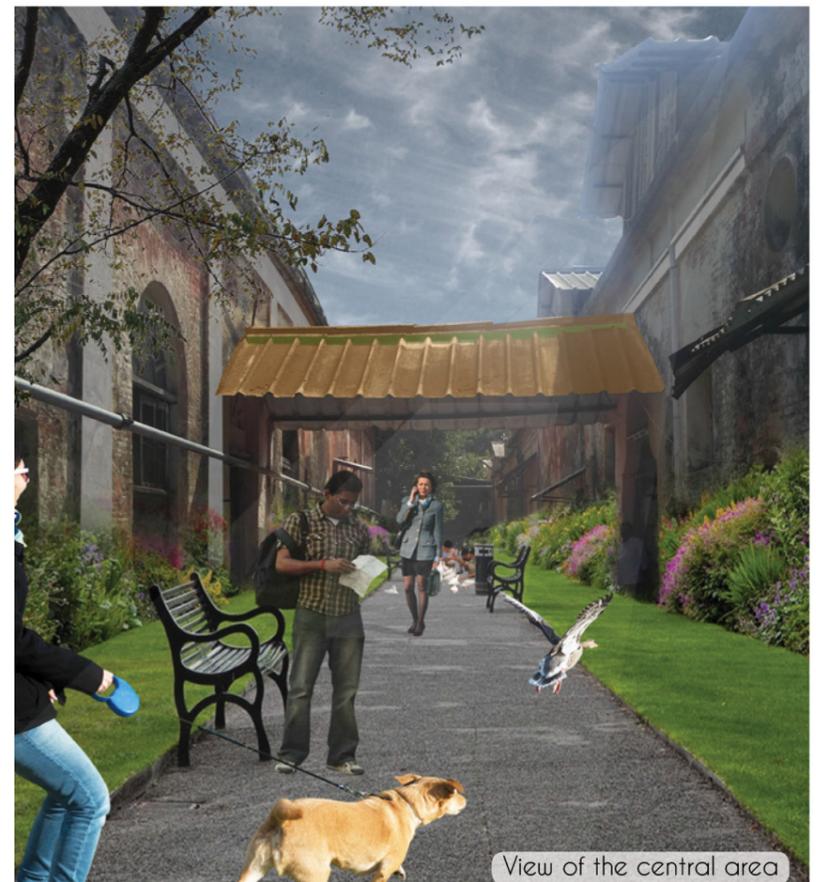
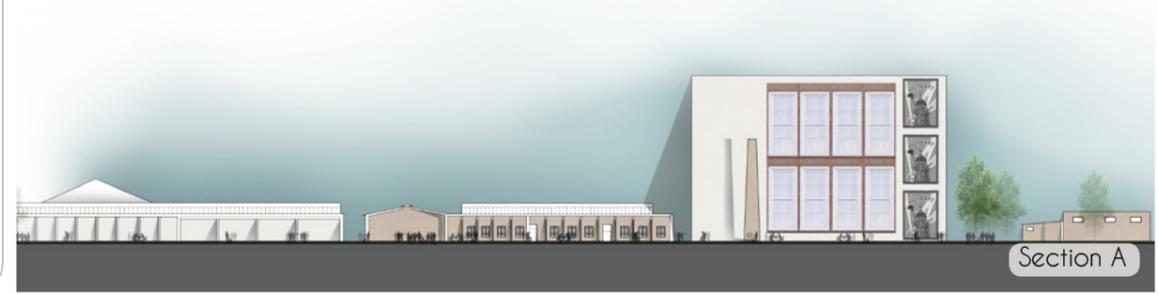


3.20 OTHER KEY PROJECTS



The Swadeshi Mill Complex is designed to host the **Government Buildings** that have been moved from the French Quarter.

- Additional value is added to the mill area by adding **retail areas**.
- The Shifted **Government buildings** occupy the warehouses
- Additional value is added to the mill area having **retail areas**
- The **Assembly hall** allowing citizen government engagement





3.20 OTHER KEY PROJECTS



MODERNISATION OF OLD BUS STAND

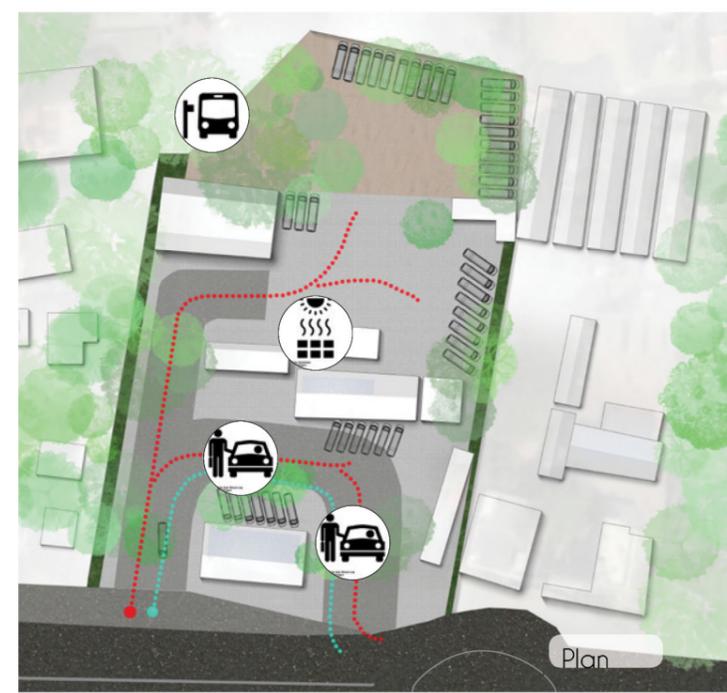
COMPONENTS OF INTEGRATED BUS TERMINUS

- Waiting Hall
- Seating area
- ATM
- Food Stalls
- Ticket Counters
- Police Booth
- Shopping area
- Childrens Play area
- Retiring Rooms
- Admin Office

COMMON SERVICES AND INFRASTRUCTURE

- Common toilet
- STP
- Reverse Osmosis
- Air Handling Unit
- Electrical Room
- Parking
- BMS
- GPS
- Emergency Care
- Fire Services
- Public Address system

- Bus Parking**
Bus Parking is done in Angular Bays for easier movement of the vehicles.
- Solar Panels**
The Solar Panels form a part of the green initiative associated with the bus stand.
- Drop Off Zone**
Zones are provided for Dropping off and Picking up pedestrians.
- Pedestrian and Vehicular Circulation**
- Bus Circulation Path**



Parking Facilities



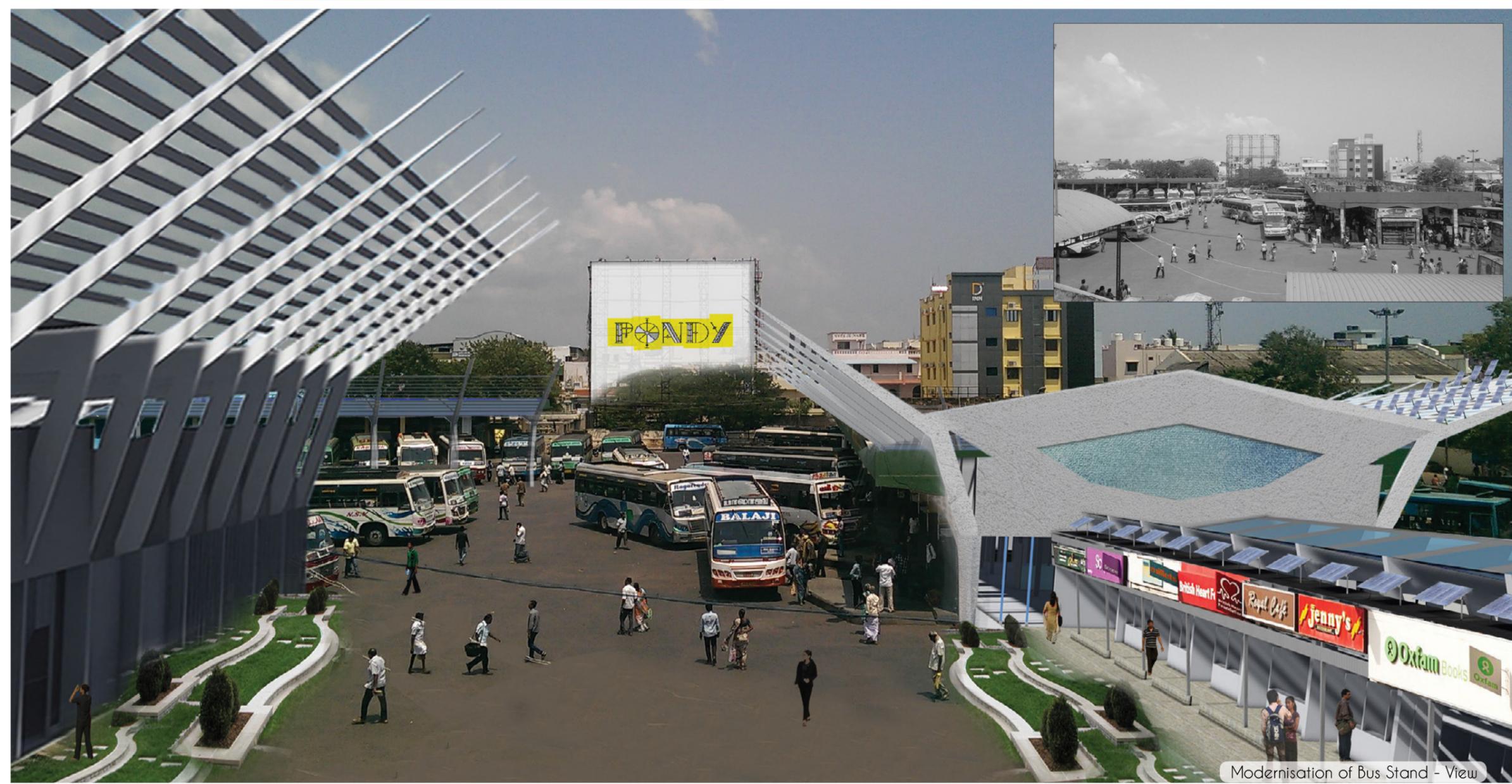
Drop/Pick Up Stations



Green Technology and Environmental Initiative



Angular Bus Bays



Modernisation of Bus Stand - View



IMPROVEMENT OF GOUBERT MARKET AND OLD JAIL COMPLEX

The Goubert Market is designed to include **parking and high end retail stores**.
 The Old Jail is conceived as a **Multi Level Parking** due to the pedestrianization of JN Street.



Circulation in JN Street



VENDORS
 Vendors are located in the Ground Floor and High End Stores in the upper floor to add economic value



PARKING
 Parking is proposed in the floor above the market.



PLAZA
 The space around the tower is cleared and pedestrianised in order to create more emphasis on the tower



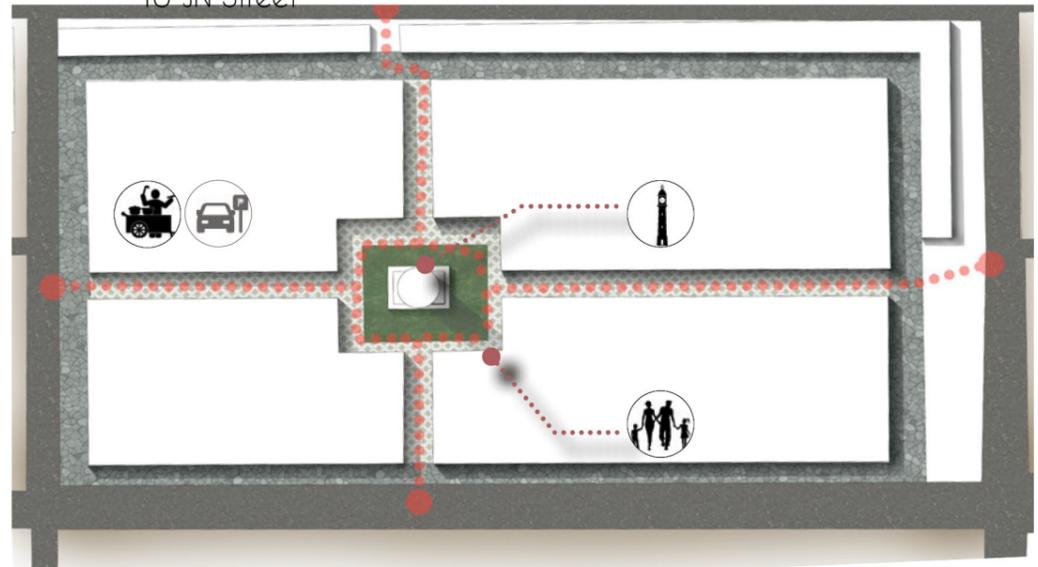
CLOCK TOWER
 The clock tower, being an icon is emphasized as a landmark in the market area.



View - Goubert Market Before



Old Jail Plan



To JN Street



HIGH END RETAIL



CAR PARKING



MARKET AREA



Elevation along Anandha Rangapillai Street



Multi Level Parking



View - Goubert Market After



ANNEXURE 4



No.100/SCMD/2016-17/024

Office of the Mission Director(Smart City Mission),
Puducherry, dt.23-03-2017.

Minutes of the 3rd High Powered Steering Committee (HPSC) meeting held under the Chairmanship of Chief Secretary, Government of Puducherry on 23rd March 2017 at 1.00 PM in the chamber of Chief Secretary, Government of Puducherry.

The High Powered Steering Committee (HPSC) for Smart City Mission met today under the Chairmanship of Chief Secretary to the Government of Puducherry.

Members who attended the meeting are enclosed in Annexure.

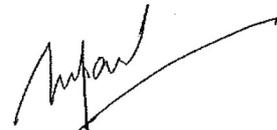
The Secretary (LAD)- cum - Mission Director (Smart CityMission) presented the Smart City Final Proposal for Puducherry Municipality and elaborated the process that was adopted for Citizen Engagement, Impact of the proposed Smart City Proposal on Citizens of Puducherry, the rationale behind selection of the area for Area Based Development approach and Pan City Solutions Strategy by the Puducherry Municipality for finalizing the Smart City Proposal. .

In tune with the feedback given by the citizens of Puducherry and their aspirations, the Boulevard and areas around it measuring about 1,468 Acres is selected to be developed under the Area Based Development approach (as envisaged under the mission) based on the combination of Retrofitting and Redevelopment model.

The Committee decided to initiate the process for setting up of Special Purpose Vehicle (SPV) for implementation of Smart City Proposal for Puducherry Municipality and it was also decided that all the concerned departments shall submit their consent to implement the projects falling under the ABD area by the SPV.

The Committee reviewed the Final Proposal presented and deliberated in detail. The Committee accepted the rationale behind the strategy adopted by Puducherry Municipality. On discussion, the committee directed that the proposals be forwarded to Ministry of Urban Development, Government of India on time.

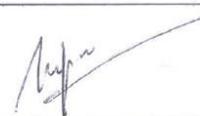
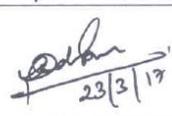
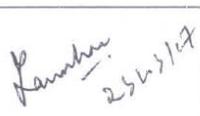
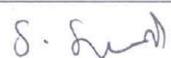
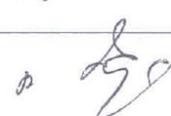
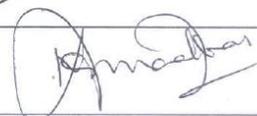
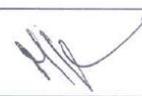
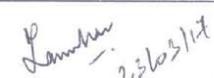
The meeting ended with Vote of Thanks to the Chair.



(MANOJ PARIDA, IAS)
CHIEF SECRETARY TO GOVERNMENT
-CUM -CHAIRMAN(HPSC)

GOVERNMENT OF PUDUCHERRY
LOCAL ADMINISTRATION SECRETARIAT
SMART CITY MISSION DIRECTORATE

**MEETING OF THE 3rd HIGH POWERED STEERING COMMITTEE (HPSC) HELD ON
23-03-2017 AT 01.00 PM IN THE CHAMBER OF CHIEF SECRETARY TO
GOVERNMENT FOR APPROVAL OF THE SMART CITY PROPOSAL OF
PUDUCHERRY.**

SL. NO.	MEMBER/CHAIRMAN	SIGNATURE
1.	Chief Secretary to Government(Chairman)	
2.	Secretary to Government(Finance)	
3.	Secretary to Government(Local Administration)	
4.	Secretary to Government(Information Technology)	
5.	Representative from Ministry of Urban Development, GoI	-
6.	District Collector, Puducherry	
7.	Chief Engineer, Public Works Department, Puducherry	
8.	Director, Local Administration Department, Puducherry	
9.	Director, Planning and Research Department, Puducherry	
10.	Director, Information Technology Department, Puducherry	
11.	Chief Town Planner, Town and Country Planning Department	
12.	Commissioner, Puducherry Municipality	
13.	Commissioner, Oulgaret Municipality	
14.	Secretary to Government(Town and Country Planning) – Member Secretary	

P. JAWAHAR, I.A.S.
SECRETARY TO GOVERNMENT
[Local Administration, Housing, Town & Country Planning,
Information & Publicity / Project Director (PIA)]



GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
Goubert Avenue
Puducherry – 605 001
☎ Office : 0413-2333303
Telefax: 0413-2334036

No.100/SCMD/2017/27

Date: 27/03/17

Dear Sanjay ji,

As you are aware, the Puducherry Municipality is participating in the third round of Smart Cities Challenge. In this regard, the Smart City Proposal for Puducherry Municipality has been prepared in conformity with the Smart Cities Mission guidelines of MoUD.

The High Powered Steering Committee in its meeting held on 23-03-2017 has approved the Smart City Proposal of Puducherry Municipality for submission to the Ministry of Urban Development.

The Smart City Proposal in the prescribed form (Five hard copies with a soft copy) is enclosed herewith.

I therefore request you to kindly consider the Smart City Proposal of Puducherry Municipality in the third round of the Smart Cities Challenge.

With regards,

Yours sincerely,

(P. JAWAHAR, IAS)

Shri Sanjay Sharma,
Under Secretary(Smart Cities),
Ministry of Urban Development,
Nirman Bhawan,
New Delhi – 110011.

CONFIDENTIAL

No.01/JS/COM/2016(M.15)

SECRETARIAT OF THE COUNCIL OF MINISTERS,
PUDUCHERRY.

Dated: 22/03/2017

COUNCIL OF MINISTERS

As per Rule 15 (7) of the Rules of Business of the Government of Pondicherry, 1963, the extract of the minutes of the meeting of Council of Ministers held on Monday, the 13th March, 2017 is forwarded for kind information.

Extract of Minutes No.01/JS/COM/2016(M.15), Dated: 13/03/2017

LOCAL ADMINISTRATION DEPARTMENT

Resolution No.2016/M.15/94: Approval of Smart City proposal of Puducherry Municipality.

Approved.


22/3/17
(G. THEVA NEETHI DHAS)
JT. SECRETARY TO COM

To
The Secretary to Government (LAD)
Puducherry

Confidential

Office of the Secretary (Local Administration)

Puducherry, Dt 09/03/2017

No.995/Secretary(LA)/2017

CABINET NOTE

Subject: Smart City Proposal of Pondicherry Municipality for participation in the 3rd Round of Smart City Competition – Approval –reg.

Background

The Ministry of Urban Development (MoUD) in June 2015 launched the Smart City Mission with a vision to promote 100 Smart Cities in India. The Union Territory of Puducherry is eligible to form one Smart City (i.e) One Municipal area, out of the 100 cities proposed by MoUD. The Smart Cities will be selected based on the smart cities challenge organised by MoUD in which around 49 cities which are left out in the challenge are expected to participate (last date for submission of the revised SCP is 31st March 2017). The Smart City mission (SCM) period is for four years (till 2020) and only for the selected cities the MoUD will provide funds to the tune of ₹500 Crores staggered over a period of four years for implementing the projects listed in the Smart City Proposal (SCP). Thus, the projects that qualify will be implemented through the funding provided by the MoUD (₹500 Crores), State Funds (₹500 Crores), Multilateral Loans [from French Agency for Development (AFD)], funds raised through leveraging the land value and Public-Private Partnership (PPP). The Smart City Proposal has to be prepared under two developmental models viz., **Area Based Development (ABD) and Pan City Solutions**. Under the ABD, there are three sub-models namely **Redevelopment, Retrofitting and Green Field**. In the first round of competition and in the fast track round (special round conducted for 23 Cities only) held during the year 2015, the Govt of Puducherry (GoP) proposed Oulgaret Municipality solely based on green field model. The MoUD during scrutiny observed that the proposal was financially not viable and hence rejected the proposal. As a result, the Smart City Proposal for Oulgaret Municipality was not selected. In the 2nd round of competition, the GoP did not participate due to General



Assembly Election process. The present Government has decided to submit the proposal for developing Puducherry as a Smart City under the mission.

Smart City Proposal

The current proposal has been prepared with the support of a consultant M/s.JLL (Jones Lang LaSalle Property Consultants India P Ltd. Chennai) by taking in the problems and aspirations of the general public and through an active involvement of the elected representatives from the constituencies falling under the Pondicherry Municipality. One of the unique feature of the current proposal is the tremendous Citizen Outreach Activity that was carried out by the Smart City Team between August 2016 till February 2017 through house hold survey, direct stake holder consultation, citizen polling (both Online and Ballot Boxes), consultative work shop with all line departments and international experts from AFD and other leading companies are organised to elicit solutions to the problems identified by the people in the City. Based on the Citizen Outreach Programme, the Smart City Team framed the vision statement of the City (in the first consultative workshop) as follows:

"Transforming Puducherry into a global tourism destination by leveraging its heritage, cultural, spiritual and educational advantage. Enhance the quality of life of the citizens by providing efficient urban mobility, smart civic infrastructure, affordable urban housing, smart service delivery and participative decision making"

Focussed discussion were held to translate the vision of the citizens into projects that can be placed in the SCP. While conceiving the projects care was taken to assess the techno-financial feasibility of the projects and about 63 projects as provided in the **Annexure-I** amounting to approximately ₹1800 Crores has been finalised and proposed for in-principle approval of the Council of Ministers.

A handwritten signature in blue ink, appearing to be 'K. Anand', is located at the bottom center of the page.

Salient Features of the Smart City Proposal

Based on the earlier experience and keeping in mind the SCM guidelines, the current proposal is prepared to maintain a good mix of projects covering Retrofitting, Redevelopment and Pan-City Solutions models of projects. The salient features of the SCP of Pondicherry Municipality are as follows:-

- Slum Housing Projects to create 1750 Dwelling Units through redevelopment of the existing slum housing sites and construction of multi-storey housing projects for Economically Weaker Sections in new sites in the ABD Area.
- Rejuvenation of Grand Canal from Duburayapet till Patel Salai into a tourist attraction by pedestrianising the canal side, shopping opportunities, beautification, facade improvement, etc.
- Creation of Multi-Storey Parking Lots in vantage points in the ABD area to decongest the city due to on-street parking and to create vehicle free zones in the Core Business District in the Boulevard
- Extension of Beach Promenade by 1.7 Km on both sides of the existing promenade by creating Pedestrian Paths and Iconic Cycle Tracks, shopping opportunities, beautification, etc
- City Command and Control Centre to monitor the Traffic Movement, Law and Order, Street Light Functioning, City Emergency Operation Centre, etc.

Financing Model

Total Cost of the Smart City Proposal for Puducherry amounts approximately ₹1800 Crores. The Smart City Proposal will be implemented by forming a Special Purpose Vehicle (SPV) that will be governed by a Board of Directors as envisaged under the SCM Guidelines. The following details give an indication of the proposed financial mobilisation planned under the mission.



a) Grant from Govt	₹ 500 Crores
b) State Govt. Contribution	₹ 500 Crores
c) Convergence from CSS	₹ 150 Crores
d) Funds from AFD (soft loan)	₹ 500 Crores
e) PPP	₹ 150 Crores

	~ ₹1800 Crores

[Note:- The revenue collected through the Smart city Proposal will be used to repay the AFD loan in the next 20 years]

Concurrence of Finance Department

Concurrence of the finance department is obtained.

Legal Opinion

Law department has not been consulted since no legal points are involved at this stage.

Agenda for Approval

In Principle Approval of the Council of Ministers is solicited for the following:-

- A. To submit the above SCP to Government of India for competing in the 3rd Round of Smart Cities Challenge
- B. To implement the projects that are placed in the SCP at a cost of approximately ₹1800 Crores after successful selection of Puducherry's proposal in the Smart Cities Challenge.
- C. To implement the Smart City Proposal through a Special Purpose Vehicle (SPV) that is proposed to be established under the Companies Act 2013.
- D. To provide matching state share of ₹ 500 Crores staggered over a period of four years.

P. Jeyaraj

- E. To hand over the Swadeshi Mill Land of 42.95 Acres to the SPV for implementing the projects identified under the SCP
- F. To avail external loan from French Agency for Development (AFD) to implement certain projects placed in the SCP



Secretary (LAD) /

Mission Director SCM-Puducherry





**PONDICHERRY MUNICIPALITY
PUDUCHERRY**

No.6599/PM/AE-II/JE-II/SCP/2017

Date : 23.03.2017

To

✓ The Officer on Special Duty,
Smart City Mission,
Puducherry.

Sir,

Sub: PM – SCP – Resolution of Municipal Council – Forwarded – Reg.

I am to forward herewith two resolutions passed by the Designated Officer on behalf of Pondicherry Municipal Council towards Smart City Plan and setting up of Special Purpose Vehicle for further action at your end.

Yours faithfully,

Encl:- Two Resolutions in Original


(R.CHANDIRASEKARAN)
COMMISSIONER

Copy Submitted to:

1. The Secretary to Government(LA), Puducherry
2. The Director, Local Administration Department, Puducherry.

CONSTITUTION- KEY FEATURES

Incorporation	Company Under Companies Act,2013
Legal Status	Public Limited Company
Promoter - Shareholders	Local Administrative Department and Puducherry Municipality
Other Shareholders	Puducherry Planning Authority, PUDA, PUTA and PTDC
Mandatory Holding Pattern	State Government and Puducherry Municipality will always hold equal stake in SPV and jointly hold more than 51% stake in the SPV
Constitutional document	Memorandum of Association and Article of Association - will be drafted as per Model Guidelines to be circulated under Smart City Mission by Government of India

GOVERNANCE STRUCTURE

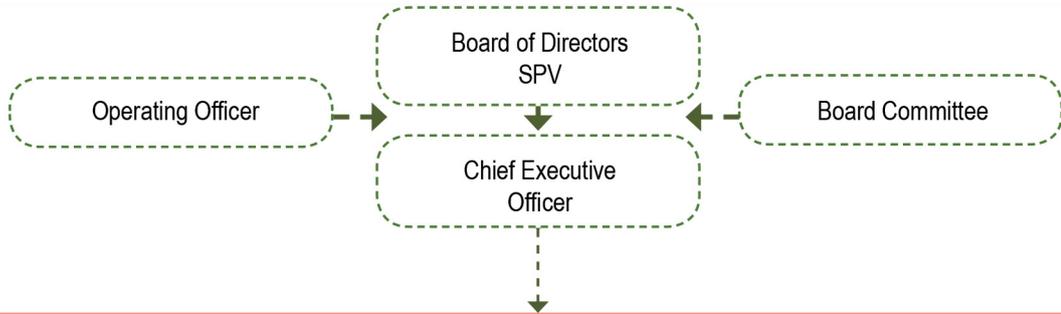
Strategic Plan	Managed By	SPV
	Supervised By	HPSC
	Approved By	State Government
Project - Development, Structuring, Procurement and Monitoring	Managed By	COO – SPV
	Supervised By	CEO – SPV
	Approved By	Board Committee SPV HPSC
Execution of Projects	Managed By	Execution Team
	Supervised By	COO – SPV
	Approved By	CEO – SPV

CONSTITUTION- BOARD OF DIRECTORS

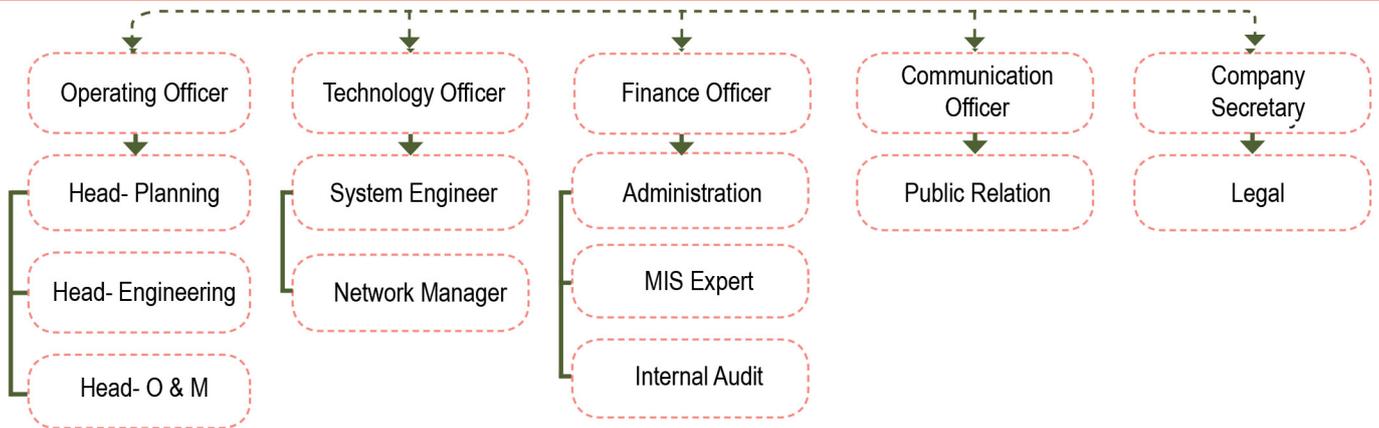
Position in SPV	Designation
Chairperson	Chief Secretary, GoP
Vice Chairman	Secretary, LAD
Nominee Director	Representative from Govt. of India
Nominee Director	Director, LAD
Nominee Director	Chief Engineer, PWD
Nominee Director	Superintendant Engineer, Electricity Dept
Nominee Director	Director, IT
Nominee Director	Collector, Puducherry
Nominee Director	DIG/ IGP
Nominee Director	Officer Special Duty, Smart City Mission & Amrut
Nominee Director	Municipal Commissioner Puducherry Municipality, Director Tourism
Independent Director	One third of the total directors to be appointed out of the list circulated by Central Government
Women Director	At least one of the director to be woman
Chief Executive Officer	To be appointed with approval of Government of India



DECISION MAKERS GROUP



IMPLEMENTATION GROUP



COORDINATION GROUPS



SUPPORT GROUP



Dr. S. SUNDARAVADIVELU, I.A.S.
 SECRETARY TO GOVERNMENT
 (Personnel, Civil Supplies & Consumer Affairs
 and Electricity)



GOVERNMENT OF PUDUCHERRY
 CHIEF SECRETARIAT
 Goubert Avenue
 Puducherry – 605 001
 Telefax : 0413-2334143
 e-mail : ssdpar.pon@nic.in

Date: **24 MAR 2017**

No: **1256** /Secy(Power)/PA/2017

To

The Secretary (LAD) - cum - Mission Director (SCM)
 Chief Secretariat
 Government of Puducherry

Sub: NOC for taking up of Electricity Department projects in
 Puducherry Municipality by SPV - Reg.

Ref: Chief Secretary note No. 1-1/CS/PS/2017 dt. 23.03.2017

Sir,

With reference to the subject cited above, I am to say that Electricity Department communicates herewith in principal approval for the list of projects mentioned in the below table for development under Smart City Mission through Special Purpose Vehicle (SPV) to be constituted by the Government of Puducherry.

SI No	Project Name	Project Cost (INR Cr)
1	Up-gradation of Substation from AIS to GIS at Marapalam (110/22-11 KV)	26.25
2	Utility ducting corridor with provisions for electric cables, optical fibre, cable network for 155 km [35KM Both sides ducting, 85 Km one side.]	195.30
3	Smart metering with Remote Monitoring (SCADA system) for 31000 households	25.20
4	Installing roof top solar system in public buildings.	22.05
5	Smart street lighting (LED Fixtures with Smart Features for ABD area only)	29.40
6	Conversion of 2 pole structure and transformer including 10% spare Quantity (88 nos).	36.96
	Total	335.16

Yours faithfully

S. Sundaravadivelu
 24.3.17
 (Dr. S. Sundaravadivelu)

P. JAWAHAR, I.A.S.
SECRETARY TO GOVERNMENT
 [Local Administration, Housing, Town & Country Planning,
 Information & Publicity / Project Director (PIA)]



GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
 Goubert Avenue
 Puducherry – 605 001
 Office : 0413-2233303
 Telefax: 0413-2334036

Date **24 MAR 2017**

No.685/Secretary(TCP)/2017

To

The Secretary (LAD) - cum – Mission Director (SCM)
 Chief Secretariat,
 Government of Puducherry

Sir,

Sub: NOC for taking up of Town & Country Planning Department
 projects in Puducherry Municipality by SPV

Ref: Chief Secretary note No. 1-1/CS/PS/2017 dt. 23.03.2017

With reference to the subject cited above, I am to say that Town & Country Planning Department herewith in principal approval for the list of projects mentioned in the below table for development under Smart City Mission through Special Purpose Vehicle (SPV) to be constituted by the Government of Puducherry.

S No	Project Name	Project Cost (INR Cr)
1	Housing for Slum (Housing for 1750 dwelling units including 350 units planned at Chinnayapuram and Jaffarbai Thottam, Kumaragurupallam, Distillery Quarters & Other sites)	215.375

Yours faithfully



(P. JAWAHAR, IAS)
 SECRETARY (TOWN & COUNTRY PLANNING)

P. JAWAHAR, I.A.S.
SECRETARY TO GOVERNMENT
 [Local Administration, Housing, Town & Country Planning,
 Information & Publicity / Project Director (PIA)]



GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
 Goubert Avenue
 Puducherry – 605 001
 Office : 0413-2233303
 Telefax: 0413-2334036

Date: **24 MAR 2017**

No.634/PD,PIA/2017

To

The Secretary (LAD) - cum – Mission Director (SCM)
 Chief Secretariat
 Government of Puducherry

Sir,

Sub: NOC for taking up of Project Implementing Agency projects in Puducherry Municipality by SPV

Ref: Chief Secretary Note No. 1-1/CS/PS/2017 dt. 23.03.2017

With reference to the subject cited above, I am to say that Project Implementing Agency communicates herewith in principal approval for the list of projects mentioned in the below table for development under Smart City Mission through Special Purpose Vehicle (SPV) to be constituted by the Government of Puducherry.

S No	Project Name	Project Cost (INR Cr)
1	Development of Marie Building	16.80

Yours faithfully,



(P. JAWAHAR, IAS)
 PROJECT DIRECTOR,
 PROJECT IMPLEMENTATION AGENCY

P. JAWAHAR, I.A.S.
SECRETARY TO GOVERNMENT
 [Local Administration, Housing, Town & Country Planning,
 Information & Publicity / Project Director (PIA)]



GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
 Goubert Avenue
 Puducherry – 605 001
 © Office : 0413-2233303
 Telefax: 0413-2334036

No.489/Secretary(LA)/2017

Date: 4 MAR 2017

To
 Mission Director (SCM),
 Chief Secretariat,
 Government of Puducherry.

Sir,

Sub: NOC for taking up of Local Administration Department projects
 in Puducherry Municipality by SPV

Ref: Chief Secretary note No. 1-1/CS/PS/2017 dt. 23.03.2017

With reference to the subject cited above, I am to say that of Local Administration Department communicates herewith in principal approval for the list of projects mentioned in the below table for development under Smart City Mission through Special Purpose Vehicle (SPV) to be constituted by the Government of Puducherry.

Sl. No	Project Name	Project Cost (INR Cr)
1	Development of an Open Congregation Facility for Public Gathering in AFT Ground with Stage, Seating spaces etc.	6.30
2	Development of facilities public gathering, exhibitions at Anna Thidal at Anna Square - 3.5 acres with toilet facilities, gallery, lighting, safety, parking	5.25
3	Public toilets up gradation of 60 nos. & construction of 40 nos. new public toilets at different location	2.10
4	Mobile Toilets (10 nos.)	1.05
5	Modular E toilets (5 Nos.)	0.26
6	Segregation, Collection and transportation vehicles with GPS tracking - 5 nos	4.67

-2-

7	ICT on Solid Waste Management (sensor based Bins)	1.71
8	Waste to energy Project - Proportionate cost for ABD area population)	15.75
9	Improvement of tertiary drains (Municipal drains)	21.00
10	Installation of sensors at strategic Location	1.05
11	Development and Improvement of markets - Goubert Market (2.9 acres) with additional commercial space of 50,000 sqft including MLCP at old jail	78.75
12	GIS Mapping of Utilities	3.15
	Total	141.04

Yours faithfully,



(P. JAWAHAR, IAS)
SECRETARY (LOCAL ADMINISTRATION)



ARUN L. DESAI, I.A.S.
SECRETARY TO GOVERNMENT

GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
Goubert Avenue
Puducherry – 605 001
© Office: 0413-2344800 (Telefax)
e-mail: secytran.pon@nic.in

Date : **24 MAR 2017**

To
The Secretary (LAD) - cum – Mission Director (SCM)
Chief Secretariat, Puducherry

Sir,

Sub: NOC for taking up of Department of Industries projects in
Puducherry Municipality by SPV

Ref: Chief Secretary note No. 1-1/CS/PS/2017 dt. 23.03.2017.

** ** *

With reference to the subject cited above, I am to say that Department of Industries communicates herewith in principal approval for the list of projects mentioned in the below table for development under Smart City Mission through Special Purpose Vehicle (SPV) to be constituted by the Government of Puducherry.

S No	Project Name	Project Cost (INR Cr)
1	Development of Administrative Complex in Swadeshi Mills	105.00

Yours faithfully


(ARUN L. DESAI)

Secretary to Govt. (Ind. & Com.)



ARUN L. DESAI, I.A.S.
SECRETARY TO GOVERNMENT

GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
Goubert Avenue
Puducherry – 605 001
Office: 0413-2344800 (Telefax)
e-mail: secytran.pon@nic.in

Date : 24 MAR 2017

To
The Secretary (LAD) - cum – Mission Director (SCM)
Chief Secretariat, Puducherry

Sir,

Sub: NOC for taking up of Transport Department projects in
Puducherry Municipality by SPV

Ref: Chief Secretary note No. 1-1/CS/PS/2017 dt. 23.03.2017.

** ** *

With reference to the subject cited above, I am to say that Transport Department communicates herewith in principal approval for the list of projects mentioned in the below table for development under Smart City Mission through Special Purpose Vehicle (SPV) to be constituted by the Government of Puducherry.

Sl. No.	Project Name	Project Cost (INR Cr)
1	Smart Integrated Bus Terminus (4.5 acres) with 25000 sqft commercial space	31.50
2	Intra City Bus Terminus along with Multi-level Parking & Commercial Space Development at Thiruvalluvar Bus Stand and Old Bus Stand	15.75
3	Disable friendly Pedestrianization footpath - along roads > 7m width within 130 km road network	129.94
4	Public Transportation: E-Bus Stops at 9 locations and 9 Smart Buses	26.25
5	Feeder System - E-Rickshaws - 70 nos.	0.96
6	Iconic Cycle Track - 10.3 km	9.73
7	On Street Parking Management	1.58
8	Cycle Sharing	4.20
9	Intelligent Traffic Management System	73.50
	Total	293.40

Yours faithfully


ARUN L. DESAI

Secretary to Govt. (Transport)

D. MANIKANDAN, I.A.S.
 SECRETARY TO GOVERNMENT
 (Information Technology, Economics & Statistics,
 Stationery & Printing and Fire Service)



GOVERNMENT OF PUDUCHERRY
 CHIEF SECRETARIAT
 Goubert Avenue
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 ☎ Off. : 0413-2338300
 Per. : 0413-2233219
 Res. : 0413-2256299
 Mobile: 95977 06680

No.0530/Secy(IT)/2017

To

Date :

The Secretary (LAD) - cum – Mission Director (SCM)
 Chief Secretariat
 Government of Puducherry

Sir,

Sub: NOC for taking up of Information & Technology Department projects in
 Puducherry Municipality by SPV

Ref: Chief Secretary note No. 1-1/CS/PS/2017 dt. 23.03.2017

With reference to the subject cited above, I am to say that Information & Technology Department communicates herewith in principal approval for the list of projects mentioned in the below table for development under Smart City Mission through Special Purpose Vehicle (SPV) to be constituted by the Government of Puducherry.

S No	Project Name	Project Cost (INR Cr)
1	Optical fibre Cabling	6.83
2	Creation of online/mobile based platform to facilitate tourists & visitors	1.05
3	City level application and smart dashboard	5.25
4	Command Control Centre - an advanced integrated system to operate and manage multiple city service operations	63.00
5	Smart kiosk to support citizens who are not internet friendly in payment of taxes, user charges and lodge complaints	5.25
6	130 smart poles (CCTV, Wifi, Air Quality Monitoring)	13.65
7	Unified Payment Card	2.56
8	City Branding	2.10
	Total	99.69

Yours faithfully


 (D. MANIKANDAN, IAS)
 SECRETARY TO GOVT. (IT)

G. NARENDRA KUMAR, I.A.S.
DEVELOPMENT COMMISSIONER-CUM-
SECRETARY TO GOVERNMENT



GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
 Goubert Avenue
 Puducherry – 605 001
 ☎ Off. : 91-413-2334144 (Telefax)
 e-mail : dc.pon@nic.in

Date : 24-03-2017

No.536/DC/PA/2017

To
 The Secretary (LAD) - cum – Mission Director (SCM)
 Government of Puducherry,
 Chief Secretariat,
 Puducherry.

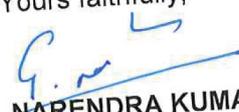
Sir,

Sub: NOC for taking up of Education Department projects in
 Puducherry Municipality by SPV – Reg.
 Ref: Chief Secretary note No. 1-1/CS/PS/2017 dt. 23.03.2017

With reference to the subject cited above, I am to say that Education Department communicates herewith in principal approval for the list of project mentioned in the below table for development under Smart City Mission through Special Purpose Vehicle (SPV) to be constituted by the Government of Puducherry.

Sl. No.	Project Name	Project Cost (INR Cr)
1	Restoration & Digitization of Heritage Educational Institutions (Calve College, VOC School, Pensionnat de Jeunes Filles)	5.25

Yours faithfully,


 (Dr. G. NARENDRA KUMAR)
 DEVELOPMENT COMMISSIONER-CUM-
 SECRETARY (EDUCATION)

B.R. BABU, I.A.S.
SECRETARY TO GOVERNMENT
 (Health, Tourism, Art & Culture, Science, Technology &
 Environment, Wakf and Minority Affairs)



GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
 Goubert Avenue
 Puducherry – 605 001
 ☎ Off. : 91-413-2334448 (Telefax)
 e-mail : secywel.pon@nic.in

No.109/Secy(T)/PA/2017

Date : **24 MAR 2017**

To

The Secretary (LAD) - cum – Mission Director (SCM),
 Chief Secretariat
 Puducherry.

Sir,

Sub: NOC for taking up of Tourism Department projects in
 Puducherry Municipality by SPV.

Ref: Chief Secretary Note No. 1-1/CS/PS/2017 dt. 23.03.2017

With reference to the subject cited above, I am to say that Tourism Department communicates herewith in principal approval for the list of projects mentioned in the below table for development under Smart City Mission through Special Purpose Vehicle (SPV) to be constituted by the Government of Puducherry-

S No	Project Name	Project Cost (INR Cr)
1	Extension of beach promenade (by 1.7 km)	22.05
2	Improvement of Streetscapes in the Heritage Area	17.00
3	Urban Entertainment Village at old port	89.25
4	Improvement of historic temples (Vedapureeswarar, Perumal Temple and Sacred Heart Church)	12.60
5	Cultural complex with art & Digital Museum @ old distillery site	21.37
6	Modernization of existing Museum, Virtual Reality of history of Puducherry at Museum (Existing museum Building) TBD with art & cultural department	4.88
7	Improvement of Botanical Garden	15.75
8	Eco Tourism within the urban forest area in Swadeshi Mill - (Refurbishment of existing built space)	5.25
9	Tourist amenities:- Signage, Information Kiosks, Heritage/Audio guided tour etc.	4.20
10	Restoration & maintenance of Government Heritage buildings	10.50
	Total	202.85

Yours faithfully,



(B.R. BABU)
 SECRETARY TO GOVERNMENT



GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
OFFICE OF THE SECRETARY TO GOVT. (PUBLIC WORKS)

R. MIHIR VARDHAN, IAS
SECRETARY TO GOVT. (Public Works)

Phone No.0413-2233326
Telefax: 0413-2330700
e.mail:secypwd.pon@nic.in

No. /Secy(PW)/PS/2016

Puducherry, dt.24.03.2017

To

The Secretary (LAD) - cum – Mission Director (SCM)
Chief Secretariat
Government of Puducherry

Sub: NOC for taking up of Public Works Department
projects in Puducherry Municipality by SPV

Ref: Chief Secretary note No. 1-1/CS/PS/2017 dt.
23.03.2017

Sir,

With reference to the subject cited above, I am to say that Public Works Department communicates herewith in principal approval for the list of projects mentioned in the below table for development under Smart City Mission through Special Purpose Vehicle (SPV) to be constituted by the Government of Puducherry.

S. No	Project Name	Project Cost (INR Cr)
1	Grand Canal Development - 3 km Stretch (Rehabilitation and beautification, pedestrian pathways, iconic cycle tracks and street furniture, F&B etc)	160.00

2	Rehabilitation of water distribution system for achieving 24X7 Water Supply - 12 DMA Zone Creation-Network Remodelling in and around boulevard area	32.76
3	a) Pressure meter b) Water Quality Meters, c) BULK flowmeter, d) Replacement of house connections with GI Pipes	10.50
4	Smart Metering (30,000 households)	25.20
5	Water ATM - 50 nos at different locations	1.58
6	Roof top rainwater harvesting	5.25
7	Conditional assessment and remodeling of Under-Ground Sewerage system in boulevard area	52.50
8	Augmentation of Existing Pump Station in Kuruchikuppam & Lal Bahadur Sastri Street	5.25
9	Installation of 14 level sensors at strategic location	1.58
10	Recycled Water Network- Transmission and pumping for public spaces & Industries	5.25
11	Tertiary Treatment plant at Lawspet and Dubrayapet STP for 25% of Recycled Water capacity	10.50
12	Improvement of primary Storm Water Drainage System in ABD area and upper catchment area	52.50
	Total	362.86

Yours faithfully,

(R. MIHIR VARDHAN)
SECRETARY TO GOVT.(PWD)

B.R. BABU, I.A.S.
SECRETARY TO GOVERNMENT
 (Health, Tourism, Art & Culture, Science, Technology &
 Environment, Wakf and Minority Affairs)



GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
 Goubert Avenue
 Puducherry – 605 001
 ☎ Off. : 91-413-2334448 (Telefax)
 e-mail : secywel.pon@nic.in

No.109/Secy(STE)/PA/2017

Date : 24 MAR 2017

To

The Secretary (LAD) - cum –
 Mission Director (SCM),
 Chief Secretariat,
 Puducherry.

Sir,

**Sub: NOC for taking up of Department of Science & Technology
 projects in Puducherry Municipality by SPV.**

Ref: Chief Secretary Note No. 1-1/CS/PS/2017 dt. 23.03.2017.

With reference to the subject cited above, I am to say that Department of Science & Technology communicates herewith in principal approval for the list of projects mentioned in the below table for development under Smart City Mission through Special Purpose Vehicle (SPV) to be constituted by the Government of Puducherry -

S No	Project Name	Project Cost (INR Cr)
1	Beach Restoration & Entertainment	31.50

Yours faithfully,



(B.R. BABU)
 SECRETARY TO GOVERNMENT

B.R. BABU, I.A.S.
SECRETARY TO GOVERNMENT
 (Health, Tourism, Art & Culture, Science, Technology &
 Environment, Wakf and Minority Affairs)



GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
 Goubert Avenue
 Puducherry – 605 001
 ☎ Off. : 91-413-2334448 (Telefax)
 e-mail : secywel.pon@nic.in

No.109/Secy(H)/PA/2017

Date : **24 MAR 2017**

To

The Secretary (LAD) - cum –
 Mission Director (SCM),
 Chief Secretariat,
 Puducherry.

Sir,

**Sub: NOC for taking up of Health Department projects
 in Puducherry Municipality by SPV.**

**Ref: Chief Secretary Note No. 1-1/CS/PS/2017
 dt. 23.03.2017.**

With reference to the subject cited above, I am to say that Health Department communicates herewith in principal approval for the list of projects mentioned in the below table for development under Smart City Mission through Special Purpose Vehicle (SPV) to be constituted by the Government of Puducherry -

S No	Project Name	Project Cost (INR Cr)
1	e-health system to track health records and medical supplies	18.90

Yours faithfully,



(B.R. BABU)
SECRETARY TO GOVERNMENT

B.R. BABU, I.A.S.
SECRETARY TO GOVERNMENT
 (Health, Tourism, Art & Culture, Science, Technology &
 Environment, Wakf and Minority Affairs)



GOVERNMENT OF PUDUCHERRY
 CHIEF SECRETARIAT
 Goubert Avenue
 Puducherry – 605 001
 ☎ Off. : 91-413-2334448 (Telefax)
 e-mail : secywel.pon@nic.in

No.109/Secy(H)/PA/2017

Date : 24 MAR 2017

To

The Secretary (LAD) - cum –
 Mission Director (SCM),
 Puducherry.

Sir,

**Sub: In principle approval for taking up of NHUM projects
 in Boulevard and areas around it by Special
 Purpose Vehicle (SPV).**

**Ref: Chief Secretary Note No. 1-1/CS/PS/2017
 dt. 23.03.2017.**

With reference to the subject cited above, I am to say that in principle approval is accorded to take up activities under Centrally Sponsored Programmes as Convergence such as NHUM in Boulevard and areas around it by the SPV to be constituted by the Government of Puducherry under Smart City Mission.

2. Funds to the extent as defined in the guidelines will be available for various components under NHUM to the SPV.

Yours faithfully,



(B.R. BABU)
 SECRETARY TO GOVERNMENT

B.R. BABU, I.A.S.
SECRETARY TO GOVERNMENT
 (Health, Tourism, Art & Culture, Science, Technology &
 Environment, Wakf and Minority Affairs)



GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
 Goubert Avenue
 Puducherry – 605 001
 ☎ Off. : 91-413-2334448 (Telefax)
 e-mail : secywel.pon@nic.in

No.109/Secy(T)/PA/2017

24 MAR 2017
 Date :

To

The Secretary (LAD) - cum –
 Mission Director (SCM),
 Puducherry.

Sir,

**Sub: In principle approval for taking up of
 Swadesh Darshan, MoT Prasad & MoEF
 projects in Boulevard and areas around
 it by Special Purpose Vehicle (SPV)**

**Ref: Chief Secretary Note No. 1-1/CS/PS/2017
 dt. 23.03.2017.**

With reference to the subject cited above, I am to say that in principle approval is accorded to take up activities under Centrally Sponsored Programmes as Convergence such as Swadesh Darshan, MoT Prasad & MoEF in Boulevard and areas around it by the SPV to be constituted by the Government of Puducherry under Smart City Mission.

Funds to the extent as defined in the guidelines will be available for various components under Swadesh Darshan, MoT Prasad & MoEF to the SPV.

Yours faithfully,



(B.R. BABU)
 SECRETARY TO GOVERNMENT

P. JAWAHAR, I.A.S.
SECRETARY TO GOVERNMENT
[Local Administration, Housing, Town & Country Planning,
Information & Publicity / Project Director (PIA)]



GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
Goubert Avenue
Puducherry – 605 001
© Office : 0413-2233303
Telefax: 0413-2334036

Date: **24 MAR 2017**

No.489/Secretary(LA)/2017

To

Mission Director (SCM)
Government of Puducherry

Sir,

Sub: In principle approval for taking up of SBM & NHUM projects in Boulevard and areas around it by Special Purpose Vehicle (SPV)

Ref: Chief Secretary Note No. 1-1/CS/PS/2017 dt. 23.03.2017

With reference to the subject cited above, I am to say that in principle approval is accorded to take up activities under Centrally Sponsored Programme as convergence such as SBM & NHUM in Boulevard and areas around it by the SPV to be constituted by the Government of Puducherry under Smart City Mission.

Funds to the extent as defined in the guidelines will be available for various components under SBM & NHUM to the SPV.

Yours faithfully,



(P. JAWAHAR, IAS)
SECRETARY (LOCAL ADMINISTRATION)

P. JAWAHAR, I.A.S.
SECRETARY TO GOVERNMENT
[Local Administration, Housing, Town & Country Planning,
Information & Publicity / Project Director (PIA)]



GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
Goubert Avenue
Puducherry – 605 001
☎ Office : 0413-2233303
Telefax: 0413-2334036

Date : **24 MAR 2017**

No.685/Secretary(T&CP)/2017

To
The Secretary (LAD) - cum – Mission Director (SCM)
Government of Puducherry.

Sir,

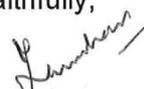
Sub: In principle approval for taking up of Housing for ALL projects in Boulevard and areas around it by Special Purpose Vehicle (SPV)

Ref: Chief Secretary note No. 1-1/CS/PS/2017 dt. 23.03.2017

With reference to the subject cited above, I am to say that in principle approval is accorded to take up activities under Centrally Sponsored Programme as convergence such as Housing for ALL in Boulevard and areas around it by the SPV to be constituted by the Government of Puducherry under Smart City Mission.

Funds to the extent as defined in the guidelines will be available for various components under Housing for: ALL to the SPV.

Yours faithfully,



(P. JAWAHAR, IAS)
SECRETARY(TOWN AND COUNTRY PLANNING)

Dr. S. SUNDARAVADIVELU, I.A.S.
SECRETARY TO GOVERNMENT
(Personnel, Civil Supplies & Consumer Affairs
and Electricity)



GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
Goubert Avenue
Puducherry – 605 001
Telefax : 0413-2334143
e-mail : ssdpar.pon@nic.in

Date : 24 MAR 2017

No. 1255 /Secy(Power)/PA/2017

To

The Secretary (LAD) - cum - Mission Director (SCM)
Government of Puducherry

Sub: In principle approval for taking up of IPDS, NSGM, NSM & SLNP
projects in Boulevard and areas around it by Special Purpose
Vehicle (SPV)

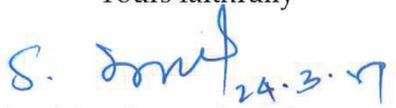
Ref: Chief Secretary note No. 1-1/CS/PS/2017 dt. 23.03.2017

Sir,

With reference to the subject cited above, I am to say that in principle approval is accorded to take up activities under Centrally Sponsored Programmes as Convergence such as Integrated Power Development Scheme (IPDS), National Smart Grid Mission (NSGM), National Solar Mission (NSM) & Street Lighting National Programme (SLNP) in Boulevard and areas around it by the SPV to be constituted by the Government of Puducherry under Smart City Mission.

Funds to the extent as defined in the guidelines will be available for various components under IPDS, NSGM, NSM & SLNP to the SPV.

Yours faithfully


(Dr.S.Sundaravadivelu)



GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
OFFICE OF THE SECRETARY TO GOVT. (PUBLIC WORKS)

R. MIHIR VARDHAN, IAS
SECRETARY TO GOVT. (Public Works)

Phone No.0413-2233326
Telefax: 0413-2330700
e.mail:secypwd.pon@nic.in

No. /Secy(PW)/PS/2016

Puducherry, dt.

To

The Secretary (LAD) - cum – Mission Director (SCM)
Government of Puducherry

Sub: In principle approval for taking up of AMRUT
projects in Boulevard and areas around it
by Special Purpose Vehicle (SPV)

Ref: Chief Secretary note No. 1-1/CS/PS/2017 dt.
23.03.2017

Sir,

With reference to the subject cited above, I am to say that in principle approval is accorded to take up activities under Centrally Sponsored Programme as Convergence such as AMRUT in Boulevard and areas around it by the SPV to be constituted by the Government of Puducherry under Smart City Mission.

Funds to the extent as defined in the guidelines will be available for various components under AMRUT to the SPV.

Yours faithfully,



(R. MIHIR VARDHAN)
SECRETARY TO GOVT.
(PWD)



GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
Goubert Avenue
Puducherry – 605 001
© Office: 0413-2344800 (Telefax)
e-mail: secytran.pon@nic.in

ARUN L. DESAI, I.A.S.
SECRETARY TO GOVERNMENT

Date: **24 MAR 2017**

To
The Secretary (LAD) - cum – Mission Director (SCM)
Chief Secretariat, Puducherry

Sir,

Sub: In principle approval for taking up of FAME projects in
Boulevard and areas around it by Special Purpose Vehicle (SPV)

Ref: Chief Secretary note No. 1-1/CS/PS/2017 dt. 23.03.2017.

** ** *

With reference to the subject cited above, I am to say that in principle approval is accorded to take up activities under FAME in Boulevard and areas around it by the SPV to be constituted by the Government of Puducherry under Smart City Mission.

Funds to the extent as defined in the guidelines will be available for various components under FAME to the SPV.

Yours faithfully



(ARUN L. DESAI)
Secretary to Govt. (Transport)



2017/IND/NF/AB n° 139

New Delhi, March 24th, 2017

Mr P. Jawahar, IAS
Secretary to Government
Government of Puducherry
Chief Secretariat
Goubert Avnue
Puducherry – 605 001

Regional Office for
South Asia

19A, Rajdoot Marg
Chanakyapuri
New Delhi 110021
India

phone
+91 (11) 42 79 37 00

fax
+91 (11) 42 79 37 01

Email
afdnewdelhi@afd.fr

Internet
www.afd.fr

Subject: AFD's interest on sustainable and development projects of Puducherry's Smart Cities Proposal

Dear Mr P. Jawahar,

With reference to your solicitation related to financial and technical assistance for shortlisted projects within Puducherry's Smart City Proposal, I would like to provide you with our keen interest for your proposal.

AFD and Puducherry have long been key partners in India since a Memorandum of Understanding between the Agence Française de Développement and the Government of the Union Territory of Puducherry on technical cooperation in the field of sustainable urban development was signed in January 2016.

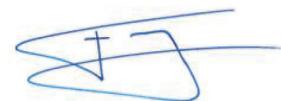
Sustainable urban development being one of the main areas of intervention of AFD in India, we remain attentive to the recent progress regarding the implementation of the Smart Cities Mission and the endeavors of Puducherry with their Smart City Proposal.

AFD funding for Smart Cities projects could be explored either through stand-alone projects, following AFD usual procedures, either through the contemplated AFD Smart Cities Program Approach, still being discussed with the relevant authorities and stakeholders. The latter should be operational during the second semester 2017.

In addition, AFD board has already approved a loan for supporting a water supply project in the urban and peri-urban areas of the city of Puducherry; this funding already covers some components of the Smart City Proposal.

In this perspective, AFD is strongly willing to support additional components of Puducherry's SCP, either through financial or technical assistance, should they meet AFD requirements. Relevant projects, such as the Rejuvenation of Grand Canal, will thus be carefully and rigorously studied and analyzed in view of potential funding.

Yours sincerely and best regards,

Nicolas FORNAGE
Regional Director for Bangladesh & India

DRAFT

CREDIT FACILITY AGREEMENT CIN 1078 01 X

Puducherry Water Supply Project

dated as of [●]

between

AGENCE FRANÇAISE DE DEVELOPPEMENT

The Lender

and

[●]The PRESIDENT OF INDIA, represented by the Department of Economic Affairs]

The Borrower

Nothing in this draft credit facility agreement ("CFA") constitutes an offer or an undertaking from the *Agence Française de Développement* (hereinafter "AFD"). This draft shall be used as a basis for discussions between the Borrower and AFD regarding the terms and conditions of the credit facility agreement once AFD has decided agree on such credit facility.

AFD's decision to make available a credit facility is subject to: (i) a positive outcome of AFD's assessment process of the project; (ii) negotiations of terms and conditions of the financing documents; (iii) approval of the project by AFD's internal corporate organs; and (iv) absence of any adverse change affecting the international monetary market or the capital markets or affecting the financial conditions of the Borrower or the political situation in India.

Amounts and figures specified in this draft CFA are indicative only and may be amended during the negotiation process.

Under no circumstances shall this draft CFA give rise to AFD's liability towards the Borrower, other lenders/co-financiers or any other entity.

The terms of this draft CFA are confidential. Neither AFD nor the Borrower shall disclose any aspect of the financing without the prior written express consent of the other party, unless (i) such disclosure of information is required by law; or (ii) such disclosure of information to the legal advisers, the accountants or the tax advisers of the Borrower or AFD is necessary.



Notwithstanding the above, the obligations under Clauses 12.3(e) (*Information - miscellaneous*) and 15.9 (*Confidentiality - Disclosure of Information*) shall survive and remain in full force and effect for a period of five years after the last Payment Date.

Executed in four (4) originals, in New Delhi, on [●].

BORROWER

REPUBLIC OF INDIA

Represented by:

Name: Mr. S. SELVAKUMAR
Capacity: Joint Secretary, DEA

LENDER

AGENCE FRANÇAISE DE DÉVELOPPEMENT

Represented by:

Name: Mr. Nicolas FORNAGE
Capacity: Country Director for India

Co-signatory, His Excellency Mr. Alexandre ZIEGLER, Ambassador of France.



उत्तर प्रदेश UTTAR PRADESH

X 69450

Agreement between EESL and Government of Puducherry for Preparation of Investment Grade Energy Audit (IGEA) Report for Energy Efficiency in Public Water Works and/ or Sewerage Systems

This Agreement (the "Agreement") is made and executed on the **21st day of March, 2017**, at **New Delhi**, in the **State of National Capital Territory of Delhi**.

BY AND AMONGST:

The President of India, acting through the Secretary to Government (Local Administration Department - LAD) –cum- Mission Director (Smart City & AMRUT), Smart City Mission Directorate, Government of Puducherry having his principal office at No. 2, I Floor, Old Court Building, Bussy Street, Puducherry-605001 (hereinafter referred to as "**Government**", which expression shall unless repugnant to the context thereof, include his successors and assigns), of the **FIRST PART**;

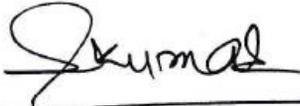
AND

Energy Efficiency Services Limited, a company incorporated under the provisions of the Companies Act, 1956 as a Joint Venture of Public Sector Undertakings of the Ministry of Power, Government of India, with its registered office at 4th Floor, Sewa Bhawan, R. K. Puram, Sector- 1, New Delhi – 110066 and corporate office at 4th Floor, IWAI Building, A-13, Sector-1, Noida – 201301, Uttar Pradesh (hereinafter referred to as "**EESL**", which expression shall, unless repugnant to the context or meaning thereof, include its successors, permitted assigns and substitutes) of the **SECOND PART**.

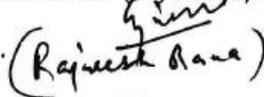
Hereinafter, the Government and EESL are individually referred to as a Party and collectively referred to as the Parties.

Page 1 of 11

IN WITNESS WHEREOF, the Parties have entered into this Agreement on the day and year first above written.

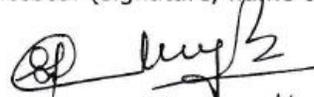
<p>For and on behalf of Energy Efficiency Services Ltd.</p> <p></p> <hr/> <p>Name: Shri Saurabh Kumar Designation: Managing Director</p>	<p>For and on behalf of The President of India, Secretary to Government (LAD) -cum- Mission Director (Smart City & AMRUT), Smart City Mission Directorate, Government of Puducherry, Puducherry</p> <p></p> <p>Name: Shri P. Jawahar, IAS Designation: Secretary to Government of Puducherry</p>
---	--

Witnesses: (signature, name & Address)

1. 
(Rajivesh Rana)
EESL.

2.

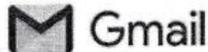
Witnesses: (signature, name & Address)

1. 
(Dr. M. Shrinadhayalou)
DSD (Smart City & Amrut)
Local Adm. Sectt.
Govt of Puducherry

2.

3/25/2017

Gmail - Expression of Interest



Dhinadhayalan Murugasan <pondysmartcity@gmail.com>

Expression of Interest

2 messages

Dhinadhayalan Murugasan <pondysmartcity@gmail.com>
To: vendhan@niot.res.in

Sat, Mar 25, 2017 at 11:16 AM

Dear Sir,

As you all aware that Puducherry City is participating in Smart City Competition under Smart Cities Mission.

The Government of Puducherry is keen to have collaboration with your esteemed organization in possible ways through PPP and other modes.

You are requested to provide a letter for "Expression of Interest" to the "Mission Director, Smart City Mission Directorate, Local Administration Secretariat, Govt. of Puducherry" to include in the Smart City Proposal.

It will be grateful if we receive by today EoD as the proposal is going to submit on Monday to the Ministry.

Best regards,

Dr. M. Dhinadhayalan
OSD (Smart City & AMRUT)

Government Of Puducherry
Mob: +91-9818477087

vendhan@niot.res.in <vendhan@niot.res.in>
To: Dhinadhayalan Murugasan <pondysmartcity@gmail.com>
Cc: mvr@niot.res.in, ramana.mvrm@gmail.com, phani@niot.res.in

Sat, Mar 25, 2017 at 11:36 AM

Dear Sir,

This has reference to the mail regarding Expression of Interest to the Smart City Mission – Puducherry. I am directed to convey our willingness to have collaboration with Govt. of Puducherry in the Puducherry-Smart City Mission. We will extend our support and cooperation for successful complementation on this Mission.

It requested to contact Dr. M.V Ramana Murthy, Project Director & Scientist –G, mail ID; mvr@niot.res.in & Contact No. 044-66783585 for further communication.

With Regards,

K.Mullai Vendhan,
Scientist- D ,
Ocean Structures & Island Desalination,
National Institute of Ocean Technology,
Ministry of Earth Sciences, Government of India,
Pallikaranai, Chennai, INDIA- 600 100.
Tel: +91-44-66783564
Mobile : +91-9884254642

TRANSPORT

India

65/2, Level 03 (2nd Floor) Block C
Bagmane Laurel Building
Bagmane Tech Park, CV Raman Nagar,
Bengaluru - 560 093, India.
Tel : +91 80 42095000
Fax: +91 80 42095003
www.alstom.com/india

ALSTOM28th March 2017

To,
Mr P. Jawahar
Secretary to Government
Mission Director - Smart City
Government of Puducherry
Chief Secretariat
Avenue Goubert
Pondicherry - 605001

Dear Sir,

SUB : EXPRESSION OF INTEREST FOR THE LIGHT RAIL TRANSPORTATION (LRT) / TRAMWAYS
Ref : 3rd consultative workshop for the elaboration of the Smart City Proposal of Pondicherry on Feb - 23rd

Alstom provides a complete range of systems, equipment and services in the railway sector. Alstom is leading supplier of a complete range of highly advanced products and solutions for metros, LRT's & Tramways.

In continuation to our participation in the 3rd consultative workshop for the elaboration of the Smart city Proposal of Pondicherry was held on 23rd Feb 2-17, we hereby submit our expression of interest for providing **LIGHT RAIL TRANSPORTATION (LRT) or TRAMWAYS** solution for the proposed Pondicherry smart city project.

We look forward to hearing from you and remain at your disposal for any further information.

With kind regards,
for **ALSTOM Transport India Limited,**



Dinesh BOHRA
Customer Director - South

 **unihorn india private limited**
[formerly ema unihorn (india) pvt. ltd.]
infrastructure consultants
CIN : U45203HR2002PTC035938

No.E-3.1/03-17/150

28th March 2017

Mr. P. Jawahar
Secretary to Government
Mission Director - Smart City
Government of Puducherry
Chief Secretariat
Avenue Goubert
Pondicherry - 605001

Sub: Interest for participating in few of the identified projects under Puducherry Smart City Proposal

Sir,

We are a 100% subsidiary of Antea Group from Holland and in the business of providing Civil Engineering advisory services in the areas of Airports, Seaports, Highways, Expressways, Water (drinking as well as waste water), solid waste management, flood forecasting and management.

We wish to submit our interest for participating in the Puducherry Smart City Proposal - more specifically projects identified under the heads Sewerage, Solid waste, Storm water and Transportation sector.

We intend to participate with our group companies from Holland, France and Belgium for various interested disciplines stated above.

Thanking you,

With regards,



Dr. T.V. Krishna Murthy
Managing Director





ACCOR HOTELS
Feel Welcome

March 28, 2017

Mr. P. Jawahar
Secretary to Government
Mission Director - Smart City
Government of Puducherry
Chief Secretariat
Avenue Goubert
Pondicherry - 605001

Dear Mr. Jawahar

We look forward to Pondicherry's selection as a Smart City.

AccorHotels, a world-leading travel & lifestyle group and digital innovator offering unique experiences in more than 4,000 hotels, resorts and residences, is very interested in partnering with the city and a financial partner in developing the hotel tentatively provisioned in the leisure and cultural space designated along the beach front.

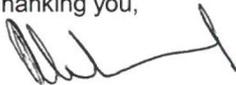
Benefiting from dual expertise as an investor and operator through its HotelServices and HotelInvest divisions, AccorHotels operates in 95 countries. Its portfolio comprises internationally acclaimed luxury brands including Raffles, Sofitel Legend, SO/Sofitel, Sofitel, Fairmont, onefinestay, MGallery by Sofitel, Pullman, and Swissôtel; as well as the popular midscale and boutique brands of Novotel, Mercure, Mama Shelter and Adagio; the in-demand economy brands including ibis, ibis Styles, ibis budget and the regional brands Grand Mercure, The Sebel and Hotel Formule1.

Uniquely placed as the only international hotel group with brands that span across all segments from luxury to budget and with 46 hotels across key destinations in India and 45 hotels in our development pipeline, including 8 hotels in Chennai, AccorHotels has contributed to the growth and development of the Indian hospitality sector and has honed its expertise in driving career growth and creating local opportunity.

With brands such as Grand Mercure and Mercure, AccorHotels has always sought to integrate regional culture and history with international hospitality standards. This expertise combined with AccorHotels' unique French perspective – singularly relevant to any showcase of Pondicherry's identity are vital considerations when considering the necessary ingredients for successfully developing a hotel site in Pondicherry.

We look forward to discussing in more depth our interest in this project.

Thanking you,



Lokesh Sabharwal
Vice President - Development & Special Projects
AccorHotels South Asia
Plot 86 - P, Sector 44,
Gurgaon, Haryana - 122003, India
www.accorhotels-group.com | www.accorhotels.com



LUMIPLAN ITS INDIA Pvt. Ltd
#93, 2nd Floor, 1st Block, 3rd Main Road, R. T. Nagar
Bangalore 560 032 - Karnataka State - INDIA
T. +91 80 42352282
Fax. +91 80 42352283

Puducherry, 27th March 2017

To: Mr P. Jawahar
Secretary to Government
Mission Director - Smart City
Government of Puducherry
Chief Secretariat
Avenue Goubert
Pondicherry – 605001

Object: INTELLIGENT TRANSPORT ENTERPRISE FOR PUBLIC BUS TRANSPORT USING SCIENTIFIC TECHNOLOGY FOR INCREASING PROFITABILITY AND PUBLIC TRANSPORT SHARE

Reference: Association of State Road Transport Undertakings (ASRTU) empanelment dated 25th June 2015 ref (ASRTU/DT/ITSE/P&S/2015-2017/131)

Project Background: The project background is to make PRTC public bus transport operations self-sustainable by bringing down the losses through scientific and better efficient operations planning solution and offering better services to the passengers. The central government of India has taken note of this planning and scheduling Solution and has empaneled Lumiplan Solution through ASRTU (All State Road Transport Undertaking) an umbrella organization for all state bus corporations in India where PRTC is also a core member of ASRTU. The Planning and Scheduling Solution has received wide appreciation from World bank, MoUD, MORTH and many other government recognized units.

Lumiplan Planning and Scheduling Solution has been used worldwide since more than 20 years by public transport operators and has been customized for the Indian Context. Successful Projects have been initiated by Lumiplan in India with major bus operators such as **KSRTC** and **BMTC** in Karnataka or **Janmarg** in Ahmedabad. Important cost savings have been achieved from the beginning of the projects and thanks to better services to the passengers several indicators have been impacted (better bus load, passenger's satisfaction, schedule adherence, ...).



improving urban living
www.lumiplan.com





March 22, 2017

To,

The Mission Director
Smart City Mission Directorate,
Local Administration Secretariat,
Government of Puducherry

Subject: Letter of Support for Puducherry Smart City Initiatives under the Smart Cities Mission of Government of India

Dear Sir,

We would like to take this opportunity to congratulate the Government of Puducherry for the efforts being taken towards selection of Puducherry under the Smart Cities Mission of Government of India. We would also like to sincerely thank you for providing YES BANK the opportunity to associate with Puducherry's Smart City initiatives.

We sincerely believe that, under your able guidance and leadership, Puducherry would come up as **Model Smart City** serving as a model of world class, sustainable development.

At YES BANK, we firmly believe that, for a holistic socio-economic development of the country, there is a need for synchronized development of the urban space which will lead to sustainable development of India. **YES Bank Limited (YBL)** is focusing on becoming a state-of-the-art, high quality, technology driven Bank, catering to the "**Future Businesses of India**". We have undertaken several development initiatives in key emerging sectors such as **Agribusiness, Urban Infrastructure, Manufacturing, Renewable Energy, Tourism and Education** that are driving the Indian Economy.

YES BANK with its continued commitment to the SMART CITIES initiatives has set up **Smart Cities Advisory (SCA)** group with a team of qualified experienced professionals from various domains like Urban Planning, Master Planning, Infrastructure Planning, community engagements and Skill development etc.

YES BANK is keen to build a long term comprehensive relationship with Government of Puducherry and Puducherry Municipality to explore areas of mutual engagement including Puducherry Smart City projects. To further broad base and deepen our valued relationship, we would like to highlight potential areas of engagement and synergies, including but not limited to:

- ✓ **SPV Account services with market leading savings account rate of interest;**

Page 1 of 2

The YES BANK logo, consisting of the words "YES" and "BANK" in white capital letters on a dark blue rectangular background, with a red diagonal line striking through the "S" in "YES".

- ✓ **Hand holding support in project implementation** under Smart Cities Mission;
- ✓ **Diversified banking products suite** including Digital Banking & Smart solutions;
- ✓ **Advisory Services** for innovative PPP options;

Towards the foregoing, I am pleased to introduce my colleagues from YES BANK's team, **Bhupesh Rathore**, *President (Strategic Government Advisory - +91-9810577898; bhupesh.rathore1@yesbank.in)*, **Amol Pandey**, *Executive Vice President (Smart Cities Advisory- +91-9810508169; amol.pandey@yesbank.in)* and **Thiyagarajan N**, *Senior Manager (Government Banking- +91- 9994745023; Thiyagarajan.n1@yesbank.in)* who will be in contact with your team to take this discussion forward.

We look forward to participating in Puducherry's journey towards becoming a model Smart City and commencing a mutually beneficial, long-term relationship under your fine leadership.

Thanks and Best Regards,

A handwritten signature in blue ink, appearing to read "Nikhil Sahni", with a horizontal line extending to the right and a small flourish at the end.

Nikhil Sahni
Group President - Government Banking
National Head - Branch Banking
(nikhil.sahni@yesbank.in)



Transport Department,
Govt. of Puducherry

Comprehensive Mobility Plan (CMP) for Puducherry

Final CMP Report - Volume I: Analysis and Strategies

November 2015

A Joint Venture of The Government of National
Capital Territory of Delhi & The IDFC Foundation.
An ISO Certified Company



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0. Executive Summary

0.1 Introduction

1. The Coastal area Puducherry region, also known as Pondicherry, is the capital of the Union Territory (UT) of Puducherry, India and is located at 11.93°N, 79.13°E along the Malabar Coast, at 162 kms south of Chennai, the capital of Tamil Nadu. It is surrounded by Bay of Bengal on east and South Arcot district of Tamil Nadu on other three sides. It is one of the fastest growing cities at present. Puducherry, over period of past two decades, has witnessed more-than-anticipated growth in population, urban sprawl, vehicle ownership, traffic volume and economy. Increasing traffic has resulted in congestion, delays, rise in accidents and pollution levels, etc. which pose potential threat to the economic vitality and productive efficiency of the city.
2. Puducherry is one of the major tourism destination center in south India. It has one of the oldest Ports in the world. Puducherry region which is the scattered section of land consisting of 4 taluks (Puducherry, Ozhukarai, Villianur and Bahour), 2 municipalities (Puducherry and Ozhukarai), 5 communes (Ariyankuppam, Villianur, Mannadipet, Bahour, Nettareppakkam) and 3 census towns (Ariyankuppam, Manavelly, Villianur). Puducherry is served by four main roads which connects to Chennai, Tindivanam, Villupuram and Cuddalore. It is also the terminal of the railway line which connects Puducherry with Southern Railway broad gauge system. The city connected with Chennai through East Coast Road (ECR) and NH 66, Villupuram by NH 45A and Cuddalore by NH 45A.
3. Puducherry city municipality came in to existence during the year 1975 under the Pondicherry Municipalities Act. Apart from the Puducherry municipality, Ozhukarai Commune Panchayat was upgraded to municipality with effect from 14th January 1994. The setup for Puducherry region of 4 taluks, 2 municipalities, 5 communes and 3 census towns with a total area of 293 sq.km is the study area for the present study.
4. With this background, it is proposed to prepare Comprehensive Mobility Plan (CMP) in detail for Puducherry Region with the area of 293 sq. km with 9.50 lakhs population. The CMP will guide urban development requirement in future and will identify transport infrastructure improvement projects to achieve sustainable development. The CMP study, apart from formulating future roadmap for transport infrastructure improvement for the study area, it will also include an identified transport investment program & development strategy for short, medium and long term horizon.

0.2 Vision

1. Developing Puducherry as Healthy & Livable city providing its inhabitants Safe, Accessible, Affordable, Environmental friendly Transport system to cater their social, economic and resource needs resulting in:
 - Increasing Mobility and Accessibility
 - Improving Environmental Quality of City
 - Improving Road Safety

- Developing Cost Effective Transport System
- Social inclusion

0.3 Data Collection and Analysis

1. Traffic surveys and studies are an integral component of a Comprehensive Mobility Plan Study. Appreciation of existing traffic and travel characteristics is extremely important for developing comprehensive mobility plan. Comprehensive traffic and transport surveys were carried out along with secondary data collection from November 2014 to December 2014
2. Information compiled from secondary sources was updated through primary surveys to assess the existing traffic conditions. The surveys include classified traffic volume counts, turning movement counts at junctions, origin-destination, parking, household survey, road network inventory etc. The locations for each survey have been selected on the basis of site reconnaissance survey. It is ensured that the total volume of data captured through various surveys at the selected spots would be representative of the traffic and travel characteristics of Puducherry region as a whole.
3. After the details surveys conducted, several parameters defining the traffic and travel pattern of the study area for the base year were established. Important observations from the survey analyses are given hereunder:
 - The traffic volume counts were conducted for continuous 24 hours on a normal weekday at 8 outer cordon locations and for 1 hour for 1 outer cordon location to note the traffic volume entering and leaving Puducherry. At location Suthukeny, as the settlement character is rural in nature and when found only local trips were made, the survey was conducted only for the morning peak. Among the outer cordon (OC) locations, maximum traffic in a day was recorded near Gorimedu Check Post (OC2) with 32,205 vehicles (26,369 PCUs). The lowest volume was encountered at Madukarai (OC6) with 6346 vehicles (4776 PCUs).
 - The traffic volume counts were conducted for 16 hours at 5 locations along the screen line. Maximum traffic was observed at MG Road location (49,573 PCUs) (SL1) and low traffic volumes were recorded at Near Uppalam Water Tank Junction - Ambedkar Road (16,913 PCUs) (SL5).
 - At MG Road location – screen line 1 two wheelers has the highest modal share with 77% followed by NMT with 7.9% and Car/Jeep/Van with 6.3%. Peak hour share at this location is 8.6%.
 - Near Uppalam water tank junction – Ambedkar Road – screen line location 5 two wheelers has the highest modal share with 77% followed by Auto/Tata magic with 8.3% and Car/Jeep/Van with 6.6%. Peak hour share at this location is 14.3%.
 - Classified turning movement count surveys were carried out for 16 hours from 6:00 AM to 10:00 PM at the nine major junctions. The peak hour share is observed to be about 7.5% - 13.2%. During peak hour, maximum traffic is observed at Rajiv Gandhi Junction (8180 PCUs) followed by Nellithope Junction (7699 PCUs).

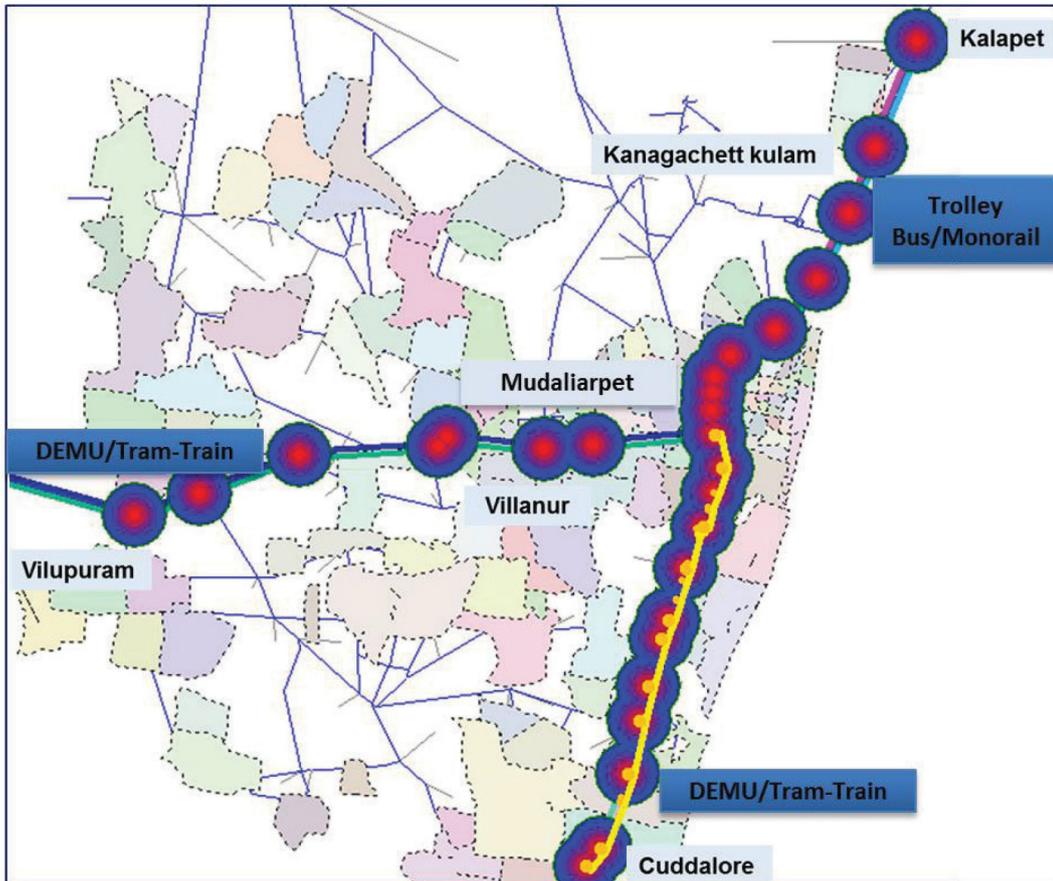


Figure-2: Densification along Transit Corridors

0.5 Service Level benchmarking

1. Benchmarking is now well recognized as an important mechanism for introducing accountability in service delivery. It involves measuring and monitoring of service provider performance on a systematic and continuous basis. Regular monitoring can help to identify performance gaps and introduce improvements through the sharing of information and best practices, ultimately resulting in better services to people. Service Level Benchmarks have been spelt out by Ministry of Urban Development for the following sectors:
 - Public transport facilities
 - Pedestrian infrastructure facilities
 - Non-Motorized Transport (NMT) facilities
 - Level of usage of Intelligent Transport System (ITS) facilities
 - Travel speed (Motorized and Mass Transit) along major corridors
 - Availability of parking spaces
 - Road safety
 - Pollution levels
 - Integrated land use transport system
 - Financial sustainability of public transport

2. The service levels of current traffic infrastructure available at Puducherry region have been evaluated and that the findings have been compiled below. The facilities are evaluated on a scale of 1 to 4, wherein 1 represents the best and 4 the lowest.

Table -1: Existing Level of Service of Traffic Infrastructure

S.No.	Sector	LOS	Comments
1	Public transport facilities	2	The city has public transport system which may need considerable improvements in terms of supply of buses / coaches and coverage as many parts of the city are not served by it. The frequency of the services available needs improvements. The system provided is comfortable.
2	Pedestrian infrastructure facilities	2	The city has pedestrian facilities which may need considerable improvements. The pedestrian facilities at intersections, availability of footpath etc. needs improvements as many parts of the city are not served by it.
3	Non-Motorized Transport (NMT) facilities	4	The city lacks adequate NMT facilities.
4	Level of usage of Intelligent Transport System (ITS) facilities	4	The city lacks adequate ITS facilities.
5	Travel speed (Motorized and Mass Transit) along major corridors	3	Small increase in flow may cause substantial increases in approach delay and hence, decrease in arterial speed.
6	Availability of parking spaces	4	The city authorities need to initiate immediate actions with respect to providing paid parking spaces and demand management for parking.
7	Road Safety	4	Need considerable improvements in Road design and available road infrastructure, traffic management and in other such reasons which significantly contribute to road safety.

3. With the gradual implementation of various projects identified in this study, the service levels of various infrastructural facilities shall improve.



Other routes are:-

- Villianur Main Road to Mettupalayam Industrial Estate
 - MG Medical College – Bahour
 - Villianur Railway Station to Villianur Main Market
 - Villianur Railway Station to Sulthanpet
 - Thattanchavadi water tank to Vadamangalam Road
 - MG Medical College to Bahour via Pinnachikuppam (Long Term Plan)
 - Madagadipet to Kariamanikkam via SMV Engineering College (Long Term Plan)
 - Madagadipet to Tirikannur (Long Term Plan)
4. New Links have been identified for decongesting existing network. They are:
- New sub -arterial road along Arumbathapuram Road.
 - Vadamangulam main road to Reddiyarpalayam.
 - Vazhudavur road – Tindivanam Road.
5. Many of the road sections are to be widened which are part of the committed projects and few proposed based on the future assignment. They are:-
- NH 45A from Cuddalore to Puducherry and Puducherry to Villupuram: 4-Lane with service lane.
 - SH 49 ECR: 4-Lane with service lane.

GOVERNMENT OF PUDUCHERRY
ABSTRACT

General Revision of House Tax by the Village Panchayats for the quinquennial period commencing from 01.04.2017 to 31.03.2022 – Unit Rates of Annual Rental Value of different classes of buildings / houses – Fixed – Orders – Issued.

LOCAL ADMINISTRATION SECRETARIAT

G. O. Ms. No. 34 /LAS/2017

Puducherry, Dt: 09-03-2017

ORDER

READ: G. O. Ms. No. 14/LAS/2012 - 13, dated 27.08.2012
of the Local Administration Secretariat, Puducherry.

The validity of assessment of House Tax for the current quinquennial period, 2012-2017 expires on 31.03.2017.

2. Now, the Government hereby directs Commissioners of all the Commune Panchayats to undertake general revision of house tax for the quinquennial period commencing from 01.04.2017 to 31.03.2022.

3. Rule 6 (1) of the Puducherry Village and Commune Panchayats (House Tax) Rules, 1978 lays down that house tax shall be levied on the basis of annual value of houses/ buildings. Sub-rule (1) of rule 5 of the Puducherry Village and Commune Panchayats (Assessment of Annual Rental Value of Buildings/ Houses) Rules, 2000 lays down that the rates of annual rental value per square feet shall be fixed by the Commune Panchayat or Village Panchayat with the prior approval of the Government having regard to the location, use and type of construction of the buildings/ houses. Sub-rule (3) of rule 5 also states that rental value per square feet of the plinth area for different classes of buildings shall be published from time to time by the Commune Panchayat or Village Panchayat with the prior approval of the Government.

4. The Government, therefore, hereby further directs that the existing rental value for the assessment of house tax, as notified in the G. O. read above, shall be increased by a uniform rate of 15% for residential buildings, 25% for Commercial/ Industrial buildings and 20% for other structures, which will be effective for the quinquennial period commencing from 01-04-2017 to 31-03-2022. Accordingly, a new Matrix showing the rates of annual rental value per square foot is given in the Annexure to this order, for adoption.

5. The concession of 50% reduction in the annual rental value of owner occupied residential buildings, as hitherto allowed, is hereby withdrawn.

// BY ORDER //



UNDER SECRETARY TO GOVERNMENT (LA)

To

The Director,
Stationery and
Printing,
Puducherry.

— With a request to publish this G.O. in the next issue of the Extra-ordinary Gazette and to supply 100 copies thereof to this Secretariat.

Copy to:-

1. The Director, Local Administration Department, Puducherry.
2. The Deputy Director (Municipal Administration) / Deputy Director (Rural Development), Local Administration Department, Puducherry.
3. The Deputy Director (Local Administration), L.A.D., Karaikal.
4. The Examiner, Local Fund Accounts, Puducherry.
5. The Deputy Director of Accounts & Treasuries, Karaikal / Mahe / Yanam.
6. The Commissioners of all the Commune Panchayats (Through the Authorized Officer concerned).
7. The Central Records Branch, Chief Secretariat, Puducherry.
8. G.O. file / Spare.

ANNEXURE

(G.O.Ms.No. 34 /LAS/2017, dt: 09-03-2017)

MATRIX SHOWING ANNUAL RENTAL VALUE OF BUILDINGS IN PANCHAYAT AREAS
FOR THE QUINQUENNIAL PERIOD, 2017-2022

(in Rupees per sq. ft)

Type of Construction	Buildings on the Main Road			Buildings on the Secondary Main Road			Buildings on other Roads		
	Residential	Commercial and industrial	All others including services, not connected with any trade of manufacturing	Residential	Commercial and industrial	All others including services, not connected with any trade of manufacturing	Residential	Commercial and industrial	All others including services, not connected with any trade of manufacturing
Pucca Building with RCC/ Madras Terraced Roof	8.92	31.64	19.44	5.96	21.10	12.96	2.98	10.55	6.48
Pucca Buildings with Asbestos Roof or Corrugated Sheets Roof or Mangalore Tiled Roof or Country Tiled Roof	5.96	21.10	12.96	3.97	14.08	8.64	1.99	7.04	4.32
Other Buildings which do not fall under the above mentioned two categories	2.98	10.55	6.48	1.99	7.04	4.32	0.99	3.51	2.16

Note: In the case of Tenant occupied buildings for any purpose in every category, Annual Rental Value shall be increased by 10% as required under proviso to rule 5 (1) of the Puducherry Village and Commune Panchayats (Assessment of Annual Rental Value of Buildings/ Houses) Rules, 2000.


(K. SARANGAPANI)

UNDER SECRETARY TO GOVERNMENT(LA)

GOVERNMENT OF PUDUCHERRY
ABSTRACT

General Revision of Property Tax by the Municipalities for the quinquennial period commencing from 01.04.2017 to 31.03.2022 – Unit Rates of Annual Rental Value of different classes of buildings / houses – Fixed – Orders – Issued.

LOCAL ADMINISTRATION SECRETARIAT

G. O. Ms. No. 33/LAS/2017

Puducherry, dt: 09-03-20

ORDER

READ: G. O. Ms. No. 13/LAS/2012 - 13, dated 27.08.2012
of the Local Administration Secretariat, Puducherry.

The validity of assessment of Property Tax for the current quinquennial period, 2012-2017 expires on 31.03.2017.

2. Now, the Government hereby directs Commissioners of all the Municipalities to undertake general revision of property tax for the quinquennial period commencing from 01.04.2017 to 31.03.2022.
3. As per sub-section (2) of section 121 of the Puducherry Municipalities Act, 1973, property tax in respect of buildings or lands which are occupied by or adjacent and appurtenant to building or both shall be levied on the basis of its annual rental value. Sub-rule (1) of rule 5 of the Puducherry Municipalities (Assessment of Annual Rental Value of Buildings/ Houses) Rules, 2000 lays down that the rates of annual rental value per square feet shall be fixed by the Municipal Council with the prior approval of the Government having regard to the location, use and type of construction of the buildings. Sub-rule (3) of rule 5 also states that rental value per square feet of the plinth area for different classes of buildings shall be published from time to time by the Municipal Council with the prior approval of the Government.
4. The Government, therefore, hereby further directs that the existing rental value for the assessment of property tax, as notified in the G. O. read above, shall be increased by a uniform rate of 15% for residential buildings, 25% for commercial/ industrial buildings and 20% for other structures, which will be effective for the quinquennial period commencing from 01.04.2017 to 31.03.2022. Accordingly, a new Matrix showing the rates of annual rental value per square feet is given in the Annexure to this order, for adoption.

-2-

5. The concession of 50% reduction in the annual rental value of owner occupied residential buildings, as hither to allowed, is hereby withdrawn.

// BY ORDER //



(K. SARANGAPANI)

UNDER SECRETARY TO GOVERNMENT(LA)

To

The Director,
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ANNEXURE

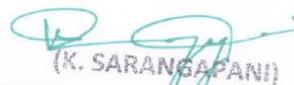
(G.O.Ms.No. 33 /LAS/2017, dt: 09-03-2017)

MATRIX SHOWING ANNUAL RENTAL VALUE OF BUILDINGS IN MUNICIPAL AREAS
 FOR THE QUINQUENNIAL PERIOD, 2017-2022

(in Rupees per sq. ft)

Type of Construction	Buildings on the Main Road			Buildings on the Secondary Main Road			Buildings on other Roads		
	Residential	Commercial and industrial	All others including services, not connected with any trade of manufacturing	Residential	Commercial and industrial	All others including services, not connected with any trade of manufacturing	Residential	Commercial and industrial	All others including services, not connected with any trade of manufacturing
Pucca Building with RCC/ Madras Terraced Roof	11.90	42.19	25.92	7.94	28.13	17.28	3.97	14.06	8.64
Pucca Buildings with Asbestos Roof or Corrugated Sheets Roof or Mangalore Tiled Roof or Country Tiled Roof	7.94	28.13	17.28	5.29	18.75	11.52	2.65	9.38	5.76
Other Buildings which do not fall under the above mentioned two categories	3.97	14.06	8.64	2.65	9.38	5.76	1.32	4.69	2.88

Note: In the case of Tenant occupied buildings for any purpose in every category, Annual Rental Value shall be increased by 10% as required under proviso to rule 5 (1) of the Puducherry Municipalities (Assessment of Annual Rental Value of Buildings / Houses) Rules, 2000.


 (K. SARANGAPANI)

UNDER SECRETARY TO GOVERNMENT(LA)



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புதுச்சேரி மாநில அரசிதழ்
La Gazette de L'État de Pondouchéry
The Gazette of Puducherry

PART - I

புதுச்சேரி அரசிதழ்	EXTRAORDINAIRE	EXTRAORDINARY
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விலை : ₹ 3-00	Prix : ₹ 3-00	Price : ₹ 3-00

20	புதுச்சேரி	புதன்கிழமை	2017 ஆம்	செப்டம்பர் 15	15
	Pondouchéry	Mercredi	15	Février	2017 (26 Magha 1938)
	Puducherry	Wednesday	15th	February	2017

GOVERNMENT OF PUDUCHERRY
 CHIEF SECRETARIAT (PUBLIC WORKS)
 (G.O. Ms. No. 5, dated 13th February 2017)

NOTIFICATION

The Government of Puducherry, hereby notifies the following revised rates for the supply of water to all categories of consumers in Puducherry, Karaikal, Mahe and Yanam regions and for collection of non-refundable one-time security deposit as detailed in the Annexure to this notification. This is in supersession of notification in G.O. Ms. No. 61, dated 22-1-2010 of Chief Secretariat (Works), Government of Puducherry, in respect of things done or omitted to be done before such supersession.

This issues with the concurrence of Finance Department vide I.D. Note No. 358/2016/FIB, dated 1-12-2016 approval of competent authority.

(By order)

V. THIRUNALI,
 Deputy Secretary to Government (Works).



ANNEXURE

Category of consumers	Existing water tariff (in ₹)	Revised new water tariff (in ₹)
(1)	(2)	(3)
I. WATER TARIFF:		
(A) Domestic		
1. Metered Policy:		
(a) Up to 90 units per quarter	0.50/unit	₹ 3.00/unit (Subject to a minimum of ₹ 270.00/per quarter).
(b) Above 90 units per quarter	0.50/unit	₹ 270.00 plus @ ₹ 5.00 per every additional unit in excess of 90 units/quarter.
2. Flat rate:		
(Non-metered policy Government accommodation) —		
(a) For Types-I, II, III and LIG in Lawspet, Boomlanpet and Olandai.	11.00/month	₹ 50.00/month
(b) For Type-IV and MIG in Lawspet	15.00/month	₹ 75.00/month
(c) For Type-V and HIG in Lawspet	20.00/month	₹ 100.00/month
(B) Institutional		
1. Water connection policies in Temples, Churches/Mosques and Social Service Organizations —		
(a) Up to 90 units/quarter	6.00/cu m	₹ 3.00/unit (Subject to a minimum of ₹ 270.00/per quarter).
(b) Above 90 units/quarter	9.00/cu m	₹ 270.00 plus @ ₹ 5.00 per every additional unit in excess of 90 units/quarter.
2. Water connection policies in Government Offices, Schools and Hospitals —		
(a) Up to 90 units/quarter	6.00/cu m	₹ 3.00/unit (Subject to a minimum of ₹ 270.00/per quarter).
(b) Above 90 units/quarter	9.00/cu m	₹ 270.00 plus @ ₹ 10.00 per every additional unit in excess of 90 units/quarter.
(C) Non-Domestic-Commercial		
Water connection policies in Commercial Shopping and establishments where water is used only for drinking purposes —		
(a) Up to 90 units/quarter	6.00/cu m	₹ 10.00/unit (Subject to a minimum of ₹ 900.00/quarter).
(b) Above 90 units/quarter	9.00/cu m	₹ 900.00 plus @ ₹ 12.00 per every additional unit in excess of 90 units/quarter.



r - II

LA GAZETTE DE L'ETAT

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D) Commercial

Water connection policies in Hotels, Guest-houses, Resorts, Boarding and Lodging, Commercial shopping/ Establishments, Marriage halls, Cinema theatres and all other such commercial establishments—

(a) Up to 100 units/quarter	10.00/cu m	₹ 15.00/unit (Subject to a minimum of ₹1,500.00/per quarter).
(b) Above 100-300 units/quarter	10.00/cu m	₹ 1,500/plus @ ₹ 20.00 per every additional unit in excess of 100 units upto 300 units/quarter.
(c) Above 300 units/quarter	20.00/cu m	₹ 5,500/plus @ ₹ 25.00 per every additional unit in excess of 300 units/quarter.

Water connection policies in Coffee and Tea stalls/Juice stalls/Soda company and all other such commercial establishments, where water is used as one of the main item for the product—

(a) Up to 45 units/quarter	15.00/cu m Up to 300 units/quarter.	₹ 15.00/unit (Subject to a minimum of ₹ 675.00/per quarter).
(b) Above 45-200 units/quarter		₹ 675.00/plus @ ₹ 20.00 per every additional unit in excess of 45 units up to 200 units/quarter.
(c) Above 200 units/quarter	25.00/cu m	₹ 3,775.00/plus @ ₹ 25.00 per every additional unit in excess of 200 units/quarter.

Public fountains/Public taps 1,000.00/tap/quarter 2,000.00/tap/quarter

OTHER CHARGES:

(1) Disconnection charges	150.00/Policy	₹ 3,000.00/Policy
(2) Reconnection charges	100.00/Policy	₹ 2,000.00/Policy
(3) Meter testing charges	25.00/Meter	₹ 50.00/Meter
(4) New Policy Scrutiny/Connection charges.	250.00/Policy	₹ 1,000.00/Policy
(5) Meter rent charges	25.00/quarter	₹ 50.00/quarter
(6) Meter stolen charges	120.00/quarter	₹ 300.00/Policy

SECURITY DEPOSIT-ONE-TIME DEPOSIT-NOT REFUNDABLE:

(1) Domestic	250.00/Policy	₹ 500.00/Policy
(2) Commercial (Other than domestic)	5,000.00/Policy	₹10,000.00/Policy
(3) Construction purpose: Supply of water for construction purpose is totally banned.		



By e-mail

URGENT
AMRUT REFORMS
Personal Attention

GOVERNMENT OF PUDUCHERRY
Local Administration Department

MEMORANDUM

No. 1325/LAD/MS/Consultant/2017

Puducherry, dt. 08.03.2017

Sub: AMRUT – Swachh Bharat Mission – Byelaws for “Levy of collection charges for removal of solid wastes from residential and non-residential premises, 2017” – Draft for adoption by ULBs – Reg.

In accordance with the provision contained in rule 15 (e) of the Solid Waste Management Rules, 2016, notified by the Ministry of Environment, Forest and Climate Change, Government of India, State Governments were instructed to devise a mechanism for sustainable financing of the Municipalities to manage the removal of solid wastes and to punish the violators, draft byelaws have been framed by this Department and enclosed herewith.

2. The draft byelaws “Levy of collection charges for removal of solid waste from residential and non-residential premises, 2017” has been duly vetted by the Law Department. The byelaws have been placed before the Council of Ministers and thereafter approved in principle by the Hon’ble Lieutenant-Governor.

3. The byelaws are proposed to be implemented with effect from 01.04.2017 positively in all the Urban Local Bodies of the Union Territory.



4. The Commissioners of Municipalities are requested to refer to section 443 of the Puducherry Municipalities Act, 1973 providing for making of byelaws by the Municipal Council. As per section 446 and 447 of the Act, the draft byelaws have to be published calling for objection/ suggestion, consider them by the Council and give final notification with due approval of the Government.

5. As it is proposed to implement the byelaws with effect from 01.04.2017, The Commissioner of all the Municipalities are directed to take emergent action as prescribed.

Encl.: Draft byelaws.


[L. MOHAMED MANSOOR]
DIRECTOR

To
The Commissioners of all the Municipalities
(Through the Authorized Officer concerned).

Copy to:

The Deputy Director (Municipal Administration), Puducherry.
The Deputy Director (Rural Development), Puducherry.
The Deputy Director (Local Administration), Karaikal.

Copy submitted to:

The Secretary to Government, (Local Administration),
Chief Secretariat, Puducherry.

@
08/03/17
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புதுச்சேரி மாநில அரசிதழ்

La Gazette de L'État de Pondouchéry The Gazette of Puducherry

செய்தல் உரிமை கொண்டாட்டம் Publiée par Autorité Published by Authority
 விலை : ₹ 11-00 Prix : ₹ 11-00 Price : ₹ 11-00

நாள்	புதுச்சேரி	செவ்வாய்க்கிழமை	2017	செவ்வாய்க்கிழமை	21
8	Pondouchéry	Mardi	21	Février	2017 (1 Phalguna 1938)
	Puducherry	Tuesday	21st	February	2017

சுருக்கம்

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GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT (HOUSING)

(G.O. Ms. No. 2/2017-Hg.,
Puducherry, dated 9th February 2017)

ORDER

In accordance with the provisions under section 20 of the Real Estate (Regulation and Development) Act, 2016, the Government hereby designates the Secretary to Government (Housing) as the Real Estate Regulatory Authority for the Union territory of Puducherry till 30th April, 2017 or till the Puducherry Real Estate Regulatory Authority is established as per law whichever is early.

2. Approval of the Government is also conveyed to declare the Town and Country Planning Department as the Nodal Department for implementation of the Real Estate (Regulation and Development) Act, 2016. The Town and Country Planning Department will function as the Office of the Real Estate Regulatory Authority under the control of the Secretary to Government (Housing) during the above-mentioned period.

(By order of the Lieutenant-Governor)

M. SARATHI,
Deputy Secretary to Government
(Housing).

GOVERNMENT OF PUDUCHERRY
DIRECTORATE OF SCHOOL EDUCATION
(SECRETARIAT WING)

(G.O. Ms. No. 47, Puducherry, dated 16 February 2017)

NOTIFICATION

On attaining the age of superannuation, Thiru M. Nadarajan, Principal, Lave College Government Higher Secondary School, Puducherry is admitted into retirement with effect from the afternoon of 23-2-2017.

(By order)

V. JAMANEAR,
Under Secretary to Government
(School Education)

GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
(HIGHER AND TECHNICAL EDUCATION)

(G.O. Ms. No. 2, Puducherry, dated 13th February 2017)

NOTIFICATION

On attaining the age of superannuation, Dr. B. Raganatha Chary, Associate Professor of Physics, Dr. S.R.K. Government Arts College, Yanam is admitted into retirement with effect from the afternoon of 23-2-2017.

(By order)

F. P. VEREEMA JAYARAJ,
Under Secretary to Government
(Higher and Technical Education)

GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT (PUBLIC WORKS)

(G.O. Ms. No. 6, Puducherry, dated 13th February 2017)

NOTIFICATION

The Government of Puducherry is implementing Urban Development Projects with the Central Financial Assistance under Jawaharlal Nehru National Urban Renewal Mission Scheme. In accordance with the guidelines of Jawaharlal Nehru National Urban Renewal Mission, certain reforms need to be undertaken for implementation of such projects under the said scheme. Recovering the operation and maintenance cost for Water Supply and Sewerage Services from the beneficiaries is one among the reforms mandated. Hence, it is proposed to fix and collect one time deposit for each connection and monthly sewerage tariff for sewerage connections, and collect one time deposit for each connection and monthly sewerage tariff for sewerage connections, from the beneficiaries of all the sewerage connections/equippers in:

- (i) areas of Puducherry already sewered under local State Funds and maintained by Public Works Department, Puducherry; and
- (ii) areas of Puducherry sewered under Jawaharlal Nehru National Urban Renewal Mission Scheme/ Any other Schemes.



11 February, 2017]

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2. Accordingly, the approval of the Government of Puducherry is hereby accorded for fixing of rates or the monthly sewerage tariff and one time deposit for each connection to various categories of sewerage connections in Puducherry, as detailed below:

Type of building (1)	Monthly tariff (per connection) (2)	Deposit (per connection) (3)
Domestic/Residential buildings	₹	₹
Up to 300 sq.ft. (up to 1st floor) (GF + 1)	15	Nil
From 301 sq.ft. to 600 sq.ft. (up to 1st floor) (GF + 1)	25	1,000
From 601 sq.ft. to 1,000 sq.ft. (up to 1st floor) (GF + 1)	30	2,000
From 1,001 sq.ft. to 2,000 sq.ft. (up to 1st floor) (GF + 1)	35	5,000
Others	35	5,000
apartments*	35 (each unit)*	10,000
Above 1st floor is considered as apartments)		
* Subject to a maximum of six units in one plot)		
Commercial buildings		
Up to 300 sq.ft.	300	5,000
From 301 sq.ft. to 600 sq.ft.	300	15,000
From 601 sq.ft. to 1,000 sq.ft.	300	18,000
From 1,001 sq.ft. to 2,000 sq.ft.	300	25,000
Others such as hospital, hostel, hotels, kalyana madapam, industries (for which water intensive connection).	1,000	25,000

3. The above-said rates shall come into force with effect from the date of their publication in the Official Gazette of Government of Puducherry.

4. This order supersedes the earlier order issued vide G. O. Ms. No. 12, dated 27-3-2013 and O. Ms. No. 29, dated 26-4-2013 of the Chief Secretariat (Public Works), Government of Puducherry.

5. This issued with the concurrence of Finance Department vide their I.D. No. 1584/F5/A1/2016-17, dated 19-7-2016.

(By order)

V. THIRUVAL,
Deputy Secretary to Government (Works).

GOVERNMENT OF PUDUCHERRY
PUBLIC WORKS DEPARTMENT
BUILDINGS AND ROADS DIVISION

Karaikal, the 3rd February 2017.

e-TENDER NOTICE

On behalf of the President of India, e-tenders are invited from the eligible contractors/firms by the respective Engineer, Buildings and Roads Division, Public Works Department, Karaikal for the following work:

Name of the work (1)	Tender No. (2)	Cost put to tender (3)	Earnest money deposit (4)	Cost of tender schedule (5)
Construction of School building (North Block) for visually handicapped and hearing impaired students at Karaikalipattu, Karaikal.	18/BRK/16-17	₹ 1,15,36,630	₹ 2,30,733	₹ 1,000 + VAT @ 5%.

T

P. JAWAHAR, I.A.S.
SECRETARY TO GOVERNMENT
(Local Administration, Housing, Town & Country Planning,
Information & Publicity / Project Director (PA))



GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
Gaubert Avenue
Puducherry - 605 001
Office : 0413-2233303
Telefax: 0413-2334036

No.100/SCMD/2017

Date: 21/02/17

Dear Sir,

Sub: Establishing Partnership between Saint-Denis, Reunion Island and Pondicherry by signing of Letter of Intent with Reunion Island - Reg.

Ref: Email dated 12-01-2017.

I am writing this letter in pursuance to the email dated 12-01-2017 received from Consul General of India, French Reunion Island. In this regard, I wish to inform the willingness of Government of Puducherry to establish a Partnership with the city of Saint-Denis, French Reunion Island and Pondicherry by signing a Letter of Intent now and a comprehensive Framework Agreement later.

The broad areas of cooperation and engagement between Saint-Denis and Pondicherry is proposed in the areas of Culture, Education, University, Sports, Smart City Programme, Public Services, Health, Tourism, Heritage, Trade and Economy. The proposed engagement with Saint-Denis will help Pondicherry to leverage its tourism potential and enable the city to transform into a true global destination in South India by imbibing certain best practices and mutual learning from the City of Saint-Denis, French Reunion Island.

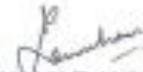
The draft Letter of Intent to be signed between Government of Puducherry and City of Saint-Denis, French Reunion Island is enclosed herewith for reference.



-2-

On behalf of Government of Puducherry, I request the Ministry of External Affairs to consider the proposal of Saint-Denis City to engage with Pondicherry by giving an in principle approval and by facilitating the proposed engagement as a sister city.

With warm regards,

Yours Sincerely,

(P. JAWAHAR, IAS)

- Encl: 1. Draft Letter of Intent
2. Email received from Consul General of India
Indian Embassy, French Reunion Island.

To
Shri Parthasatpathy, IFS
Joint Secretary (States),
Ministry of External Affairs,
New Delhi.

P. JAWAHAR, I.A.S.
SECRETARY TO GOVERNMENT
{Local Administration, Housing, Town & Country Planning,
Information & Publicity / Project Director (PA)}



GOVERNMENT OF PUDUCHERRY
CHIEF SECRETARIAT
Goubert Avenue
Puducherry - 605 001
☎ Office : 0413-2233303
Telefax: 0413-2334036

Date: 21/02/17

No.100/SCMD/2017

Dear Sir,

Sub: Establishing Partnership between Port Louis, Mauritius and Pondicherry by signing of MoU – Reg.

Ref: Email dated 12-01-2017 from: Under Secretary (States), MEA, Gol.

I am writing this letter in pursuance to the email dated 12-01-2017 received from the Under Secretary(States), MEA, Gol wherein the Government of Puducherry was asked to convey its views on the proposal of the Government of Mauritius on the twinning of Port Louis, Mauritius with Pondicherry, India. In this regard, I wish to inform that the Government of Puducherry is willing to engage with Port Louis City by twinning with Pondicherry City by means of an agreement.

The broad areas of cooperation and engagement between Port Louis and Pondicherry is proposed in the areas of Ports, Economy, Trade, Science and Technology, Culture, Education, Sports, Health, Urban Development, Construction, Environmental Protection, Tourism etc. The proposed engagement with Port Louis will help Pondicherry to leverage its tourism potential and enable the city to transform into a true global destination in South India by learning mutually through its association with the City of Port Louis, Mauritius. Further, the emotional connect between the Indian origin Tamil Diaspora in Mauritius and Pondicherry will be strengthened through the proposed twinning of Cities.

The draft agreement (MoU) to be signed between Government of Puducherry and City of Port Louis is enclosed herewith for reference. The Government of Puducherry agrees to the draft agreement proposed by Government of Mauritius.



On behalf of Government of Puducherry, I request the Ministry of External Affairs to consider the twinning proposal of Port Louis City to engage with Pondicherry and facilitate the signing of MoU as early as possible. In principle approval may kindly be conveyed to enable Government of Puducherry to proceed further.

With warm regards,

Yours Sincerely,
P. Jawahar
(P. JAWAHAR, IAS)

- Encl: 1. Draft MoU (agreed by GoP)
2. Email received from Under Secretary(States), MEA, GoI

To
Shri Parthasarathy, IFS
Joint Secretary,
Ministry of External Affairs,
New Delhi.

/03 2017 1:41 PM FAX 914132330700

SECRETARY AGRI



(91)

**GOVERNMENT OF PUDUCHEERRY
CHIEF SECRETARIAT
OFFICE OF THE SECRETARY (PUBLIC WORKS DEPARTMENT)**

**R. MIHIR VARDHAN, I.A.S.,
SECRETARY TO GOVT. (PWD)**

**Telefax: 0413 2330700
Phone: 0413 2233326
email.secypwd.pon@nic.in**

No.150317/Secy(PWD)PS/2017

Puducherry, 16/03/2017

To
Shri. S. Selvakumar,
Joint Secretary,
Department of Economic Affairs,
Ministry of Finance,
Government of India,
North Block,
New Delhi.

keed' sa 11/16.3.

Office of Joint Secretary (ABC)
Ministry of Finance
Dept. of Economic Affairs
New Delhi

Sub: Proposal for assistance from French Development Agency (AFD) under Indo-French Development Cooperation Programme.

Ref: F.No.12/13/2014-Europe-4 dated 25th January 2017 of Under Secretary to Government of India, Ministry of Finance, New Delhi

Sir,

This is with reference to the above cited letter on the subject mentioned above, wherein the Under Secretary has requested for comments / views of the Government of Puducherry.

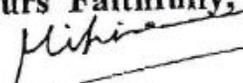
In this regard, I am directed to inform you that the Government of Puducherry has no objection to signing of Credit Facility Agreement (CFA) in a phased manner for projects with a total loan component of 200 million Euros (INR1480 Crores). In the phase-I, the CFA for Puducherry water supply augmentation scheme amounting to 65 million Euros (INR 481 Crores) may be signed.

12/3/2017

With regard to funding pattern, the Govt of Puducherry in consultation with the AFD proposes to adopt funding pattern of 90:10 instead of 70:30 without increasing the committed loan amount of INR 1480 Crores (200 million Euros) for the overall water supply and sanitation project and 65 million Euros for the Phase -I of the project. A copy of the minutes of the meeting held with the AFD by the GOP is enclosed at **Annexure-I** for your perusal.

In case the funding pattern of 90:10 is not agreeable to the Department of Economic Affairs (DEA), the CFA may be signed with a funding pattern of 70:30. Government of Puducherry hereby commits to provide its matching share of 30% in case 90:10 is not agreed. The entire loan disbursement for phase -1 project will be adjusted over a period of three years against the overall borrowing limit as fixed in the Fiscal Road Map for Union Territory of Puducherry.

It is once again requested that agreement for the phase - I of the project i.e., Augmentation of water supply to the tune of INR 534 Crores may be signed with funding pattern of 90:10 or 70:30 whichever is acceptable to DEA. A copy of the abstract of cost for phase-I of the project is enclosed at **Annexure-II**.

Yours Faithfully,


(R.MIHIR VARDHAN)
SECRETARY TO GOVT. (PWD)

Encl: As above

Copy to : Mr.Nicolas Fornage, Regional Director of South Asia, AFD, New Delhi.



F. No. 12/13/2014-Europe-4
 Government of India
 Ministry of Finance
 Department of Economic Affairs

(67)

No. 431/cs/2017/6
 Received on 31/1/2017
 Despatched on 1 - FEB 2017

North Block, New Delhi
 Dated the 25th January, 2017

Office of the Secretary
 (Public Works / Labour / AH / SW / ADW / WCD)
 File No. 360 / Sec / PW / (S / W)
 Received on 02/02/2017
 Despatched on

To
 The Chief Secretary,
 Government of Puducherry,
 Chief Secretariat, Goubert Avenue,
 Puducherry-605001.

Subject: Proposal for assistance from French Development Agency (AFD) under Indo-French Development Cooperation Programme.

*L
at ap
to
Cabinet
Sir,
eg (water)*

The undersigned is directed to refer to the subject mentioned above and to say that AFD had been requested to extend the deadline for signing of the 'Puducherry Water Supply and Sanitation Project' beyond December, 2016. AFD has informed that they have extended the deadline for signing of the Agreement upto 30th June, 2017. In this connection they have reiterated their commitment to finance the project and their preference continues to be the instrument called the Multi-Tranche Facility for an amount of 200 million Euros. However, if the same is not found feasible AFD can finance the same as a stand-alone project of Puducherry Water Supply Augmentation Project to the tune of 65 million euros in the first instance which may be followed by other stand-alone projects on distribution/sanitation within the city of Puducherry as per the requirements felt by concerned authorities.

*1/2
1. do so
urgently
submit
3/2/17*

AFD has further mentioned that they do not do 100% financing of the projects or of any one independent phase of the project. In the case of Puducherry Water and Sanitation project, AFD may finance upto 70% of the total revised project cost with a ceiling of Euro 200 million. A copy of the letter dated 23rd January, 2017 received from Mr. Nicolas FORNAGE, Regional Director, AFD is enclosed for reference.

It is requested that comments / views if any may please be sent to this Department / Ministry of Home Affairs .

C.E

Yours faithfully,
B. Sengupta
 (B. Sengupta)

Under Secretary to the government of India
 Tel: 23093543

*EE ep
at spec*

Copy to:
 Sh. P. Swaminathan, Chief Engineer, PWD, Government of Puducherry.

Chennai

Dated 20/02/2017

From:

Mr. N.K.Kumar IES (Retd)
Retd Chief General Manager
Chennai Metro Rail Limited
Chennai

To:

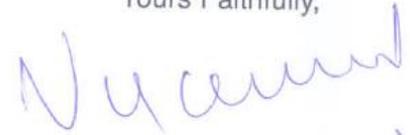
The Mission Director,
Smart Cities Mission-Puducherry
Puducherry

Sir,

Subject:- Conveying willingness to function as Financial Expert in preparation of SCP-Puducherry

I hereby convey my willingness as per our recent discussions to function as the Financial Expert in the preparation of the Smart City Proposal for Puducherry City.

Yours Faithfully,





Dr.MDHNADHAYALAN
OFFICER ON SPECIAL DUTY
(SMART CITY AND AMRUT)
Tel. No. 0413-2337090

Government of Puducherry
Town & Country Planning Secretariat
Smart City Mission Directorate
III Floor, PWD Building
No.3, rue Evache
Puducherry 605 001

No.100/OSD/SCMD/2016-17/ 033

Dated 28th March, 2017

To
M/s. CRISIL Limited,
CRISIL House,
Central avenue,
Hiranandani Business Park,
Powai, Mumbai - 400 076.
Email : info@crsil.com, rajesh.rao@crsil.com

Sir,

Sub: SCMD - Credit Rating of selected Urban Local Bodies of Puducherry Municipality, Oulgaret Municipality & Karaikal Municipality of Union Territory of Puducherry.

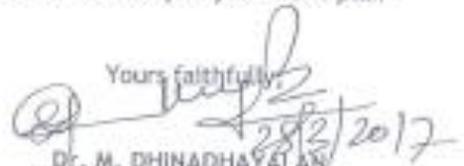
Ref: (i) Your tender dated 23.03.2017.
(ii) Your email dated 27.03.2017.

Your Technical & Financial proposal for the work of Credit Rating of selected Urban Local Bodies of Puducherry Municipality, Oulgaret Municipality & Karaikal Municipality of Union Territory of Puducherry is hereby accepted at a cost of Rs.1,62,000/- (Rupees one lakh and sixty two thousand only) by considering your clarification provided through email dated 27.03.2017 (2nd reference) that your quote Rs.1,62,000/- for credit rating of Puducherry Municipality, Oulgaret Municipality & Karaikal Municipality is a packaged price for completion of the full assignment of three Urban Local Bodies in line with the terms and conditions of the RFP which is exclusive of service taxes.

You are requested to attend this office to complete the formal agreement on or before 03.04.2017 and to commence the work by 03.04.2017 as mentioned in the Data sheet. You are also requested to provide your break of payment procedure to include in the agreement on agreed upon your break down details.

You are also informed that the time required to complete the said work will be 6 months from 03.04.2017 and as such the work shall be carried out as per your work plan proposed in the RFP.

Yours faithfully,


28/3/2017
Dr. M. DHINADHAYALAN
OFFICER ON SPECIAL DUTY
(SMART CITY & AMRUT)

Copy submitted to:

1. The Joint Secretary Administration, Ministry of Urban Development, New Delhi.
2. The Secretary to Govt. (LAD)-cum- Mission Director, Chief Secretariat, Puducherry.

Copy to:

1. The Director, Local Administration Department, Puducherry.
2. The Commissioner, Pondicherry / Oulgaret / Karaikal Municipality, Puducherry/ Karaikal.
3. Bill section.
4. File copy.