

### What is Innovation?







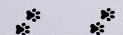
New Ideas

Creative processes

Improved outcomes



## Incremental changes could lead to radical innovation



### **Drivers of Innovation**

#### Critical Components

- Prima facie problem
- Sandbox for ideation
- Culture of collaboration
- First principle thinking
- Social Cohesion

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- Alliance & Demographic
   Diversity
- Macro-economic stability & outlook

#### Non-Critical Components

- Physical infrastructure
- Extrinsic motivation factor
- Applied research
- Entrepreneurial culture
- Digital connectedness
- Policies inducing innovation
- Globalisation & extent of localisation

Challenges

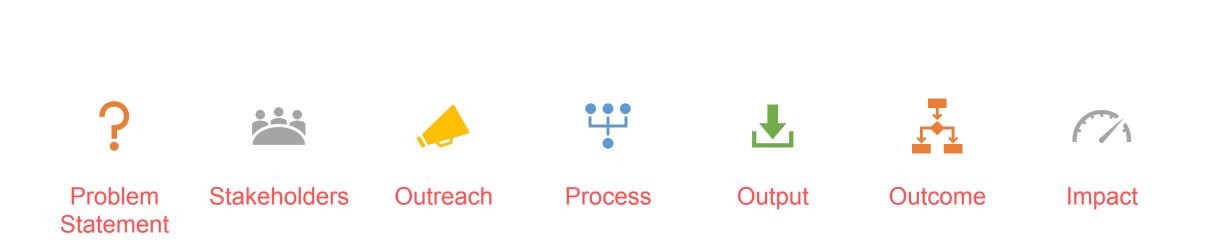
- Formalising open innovation
- Thin markets for urban challenges
- Absence of commercial incentives
- High premium on failure
- Access and barriers to information
- Crowding out
- Non-sequential policies
- Regulatory Capture
- Certainty of leadership & policy
- Dedicated push and channels for funding

NEAR-ABSENCE OF DEDICATED ECOSYSTEMS TO PROMOTE AND SUSTAIN INNOVATION

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INEFFECTIVE COLLABORATIVE GOVERNANCE REGIME FOR SOLVING URBAN CHALLENGES

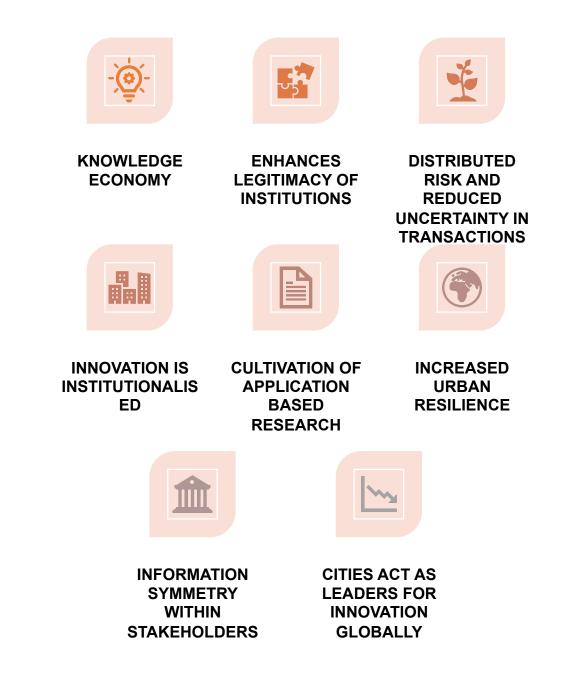
#### Theory of Change



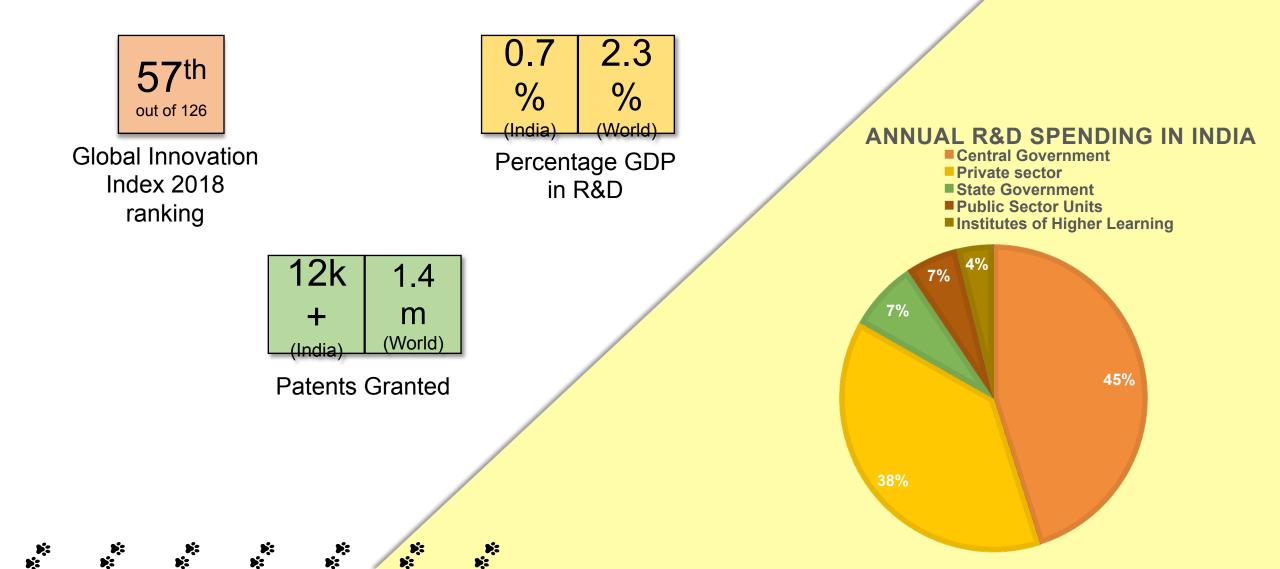
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# Long Term Impacts of





#### Innovation in India





nesta 👆

A global innovation foundation which backs new ideas to tackle the big challenges of our time



Helps cities to develop pragmatic solutions that are new and sustainable and that integrate economic, social and environmental urban topics



What Works Cities Bloomberg Philanthropies

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Help local governments improve residents' lives by using data and evidence effectively to tackle pressing challenges



Designed to be a collaborative hub for businesses, academics, city leaders and entrepreneurs to connect, develop and create smart city solutions

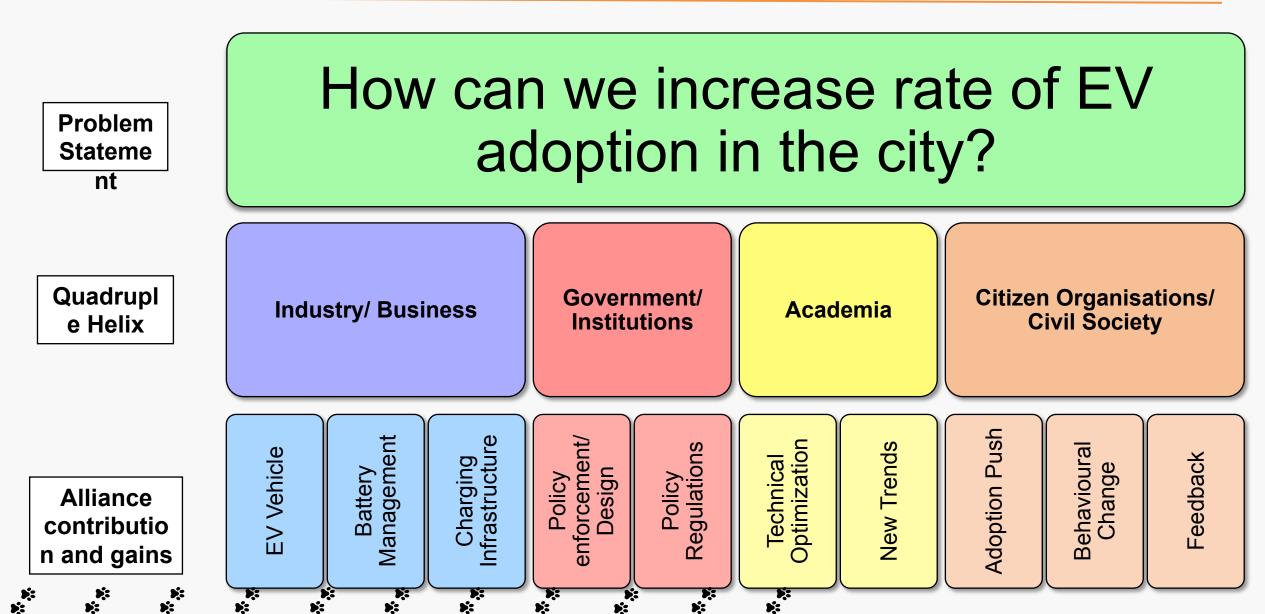
### Quadruple Helix

Critical actors of feedback loop

- Industry/ Business
- Government/ Institutions
- Academia
- Citizen Organisations/ Civil Society



## Stack Operation for QH



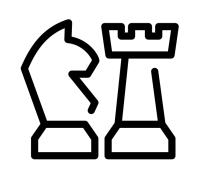
#### Innovation Hubs





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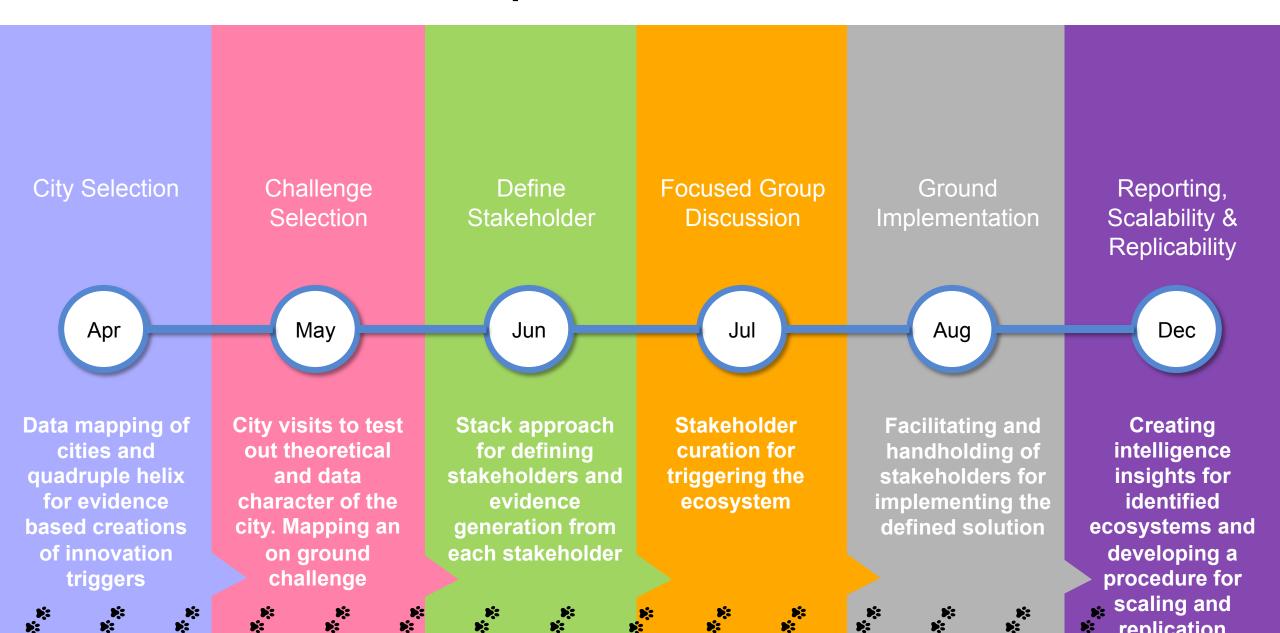
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Key Institutional Design Elements

- Functional metamorphosis of ecosystem
- Norms & Rules of engagement
- Incentives/Power dynamics
- Behavioural motivation for contribution
- Risk pooling of innovation
- Reduced leakage of intellectual property among partners

#### **Steps Ahead**



"When you are trying to design and implement a new way of working, you really need a feedback loop...and not just what senior management thinks is the right thing to do. This helps to foster a culture of innovation. "

- Eddie Copland, Director of Government Innovation, Nesta

📌 The End

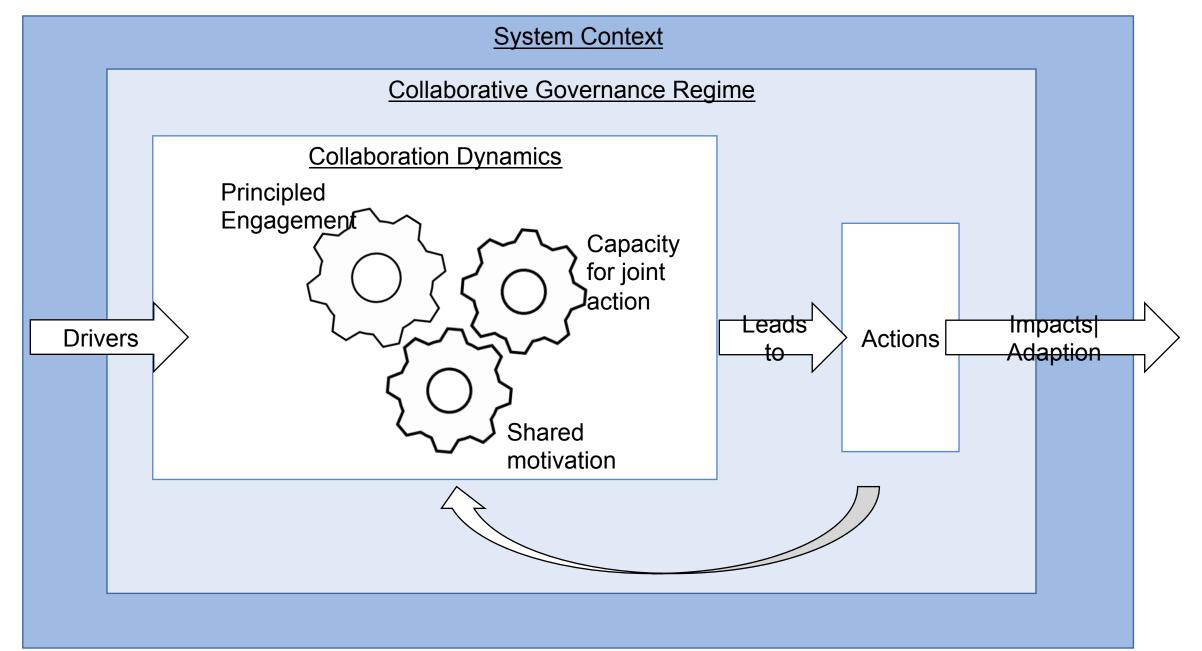
#### Anindita | Kuhan | Punit | Sukhbeer Innovation Hubs India Smart Cities Fellowship

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### **Understanding Innovation**

Element	Strategic Focus	Strategic question	Considerations
Innovation is an outcome	Ends	What do you want to happen?	<ul> <li>Product Innovation</li> <li>Process Innovation</li> <li>Marketing Innovation</li> <li>Business Model Innovation</li> <li>Supply Chain Innovation</li> <li>Organisational Innovation</li> </ul>
Innovation is a process	Ways and Means	How will you make it happen?	<ul> <li>Innovation Process</li> <li>Product Development Process</li> </ul>
Innovation is a mindset	State	What should be instilled and ingrained to prepare for the what and the how?	<ul><li>Individual mindset</li><li>Organization culture</li></ul>

#### The Integrative Framework for Collaborative Governance



#### THEORY CHANGE OF

PROBLEM STATEMENT

I ack of retworking anong knowledge actors for innorthion > 9 machine coaspeten for solving urban challenges · ) hack of systems Kinking & design Thinking to adress urban public goods & corvices ·) (coffict & turf war within actors creating kindrances in innorth"

. kneejerk/piccameal approach

KEY AUDIENCE

· ) Challenge ·) Urban Admin. (UB) mechanis m > Ret. & Indue toy > Kocal retarorte > Organisat "Support > Social media > Town dall weekys .> Central & State Gor. and FGDs

ENTRY POINT

TO REACH

AUDIENCE

As por Qued. delix, above are the stakeholders

>N40s

· ) Citizenry

Identified as optimal ways of heaching the audience ' Amilability of faulitation exports & physical infra.

STEPS NEEDED to bring a bould CHANGE ? Problem + Stakeholder

dentification ? Utilising stack approach to analyse proclem · Failistate interaction between stateholders on idea ting topsards problem solvay ? Piloting the ideated process > Tech back loop process > Identifying screes factors & pain parts for scoling

MEALURABLE EFFECT OF WORK

> Agenda setting of problem by stake ho blers - QH Resolution, REGISTRY > Taxonony creation & inderly -STD. DOCOMENT > Outcomer & processes defined - MOUL CONTRACT > Stakeholder Information - GROONDING OF PILOT > Reconvendations - LECSONS LEAKNED DOC

WIDER BENEFITS

LONG TERM CHANGE - GOAL

> Platform to > Knowledge prioritie & Economy address > 9 nonovation is urban challenges institutionalisa > Standardia abien > Cultivation of g datasets & application template solutions based research > Awareness building > 9 noreased city hesilience. E eros quadional Senformation capacity building Symetry among > scaling & 1 theholders splice lity > Cities act as > strangthening of R &D innertwent torch bearers .

Political & Economic stability at hegianal

Macro-economic stalei City

Stake holders acill interact to ideate for urban problems Financial hisk Pooling Power dynamice & Incentives

Capacity for locanonity provides Digital Infra availa-Sigital assarches! literay