

CAPACITY BUILDING FOR SMART DATA AND INCLUSIVE CITIES (SDIC)

“Capacity Building for Smart Data and Inclusive Cities” (SDIC) project built around a three-year collaboration between National Institute of Urban Affairs (India), Institute of Development Studies, Sussex (UK) and the Indian cities of Bhopal, Jabalpur, Faridabad and Kochi. The project aims to strengthen the technical and institutional capacities of urban authorities and civil society to ensure that smart cities are also inclusive and resilient cities.

1 Baseline

1. Secondary Data Sources
 - a) SCP
 - b) Liveability index
 - c) India Infrastructure report

2 SCP Analysis

1. Financial and Fund Allocation
2. Sectoral Focus at the city level
3. Inclusivity aspects in SCP
4. Inclusivity in proposed project

3 Sector of Project Identification

1. City specific focused project
2. Data Intensive with multiple aspects
3. Inclusive components
4. Funding Allocation

4 Detailed Process Tracing

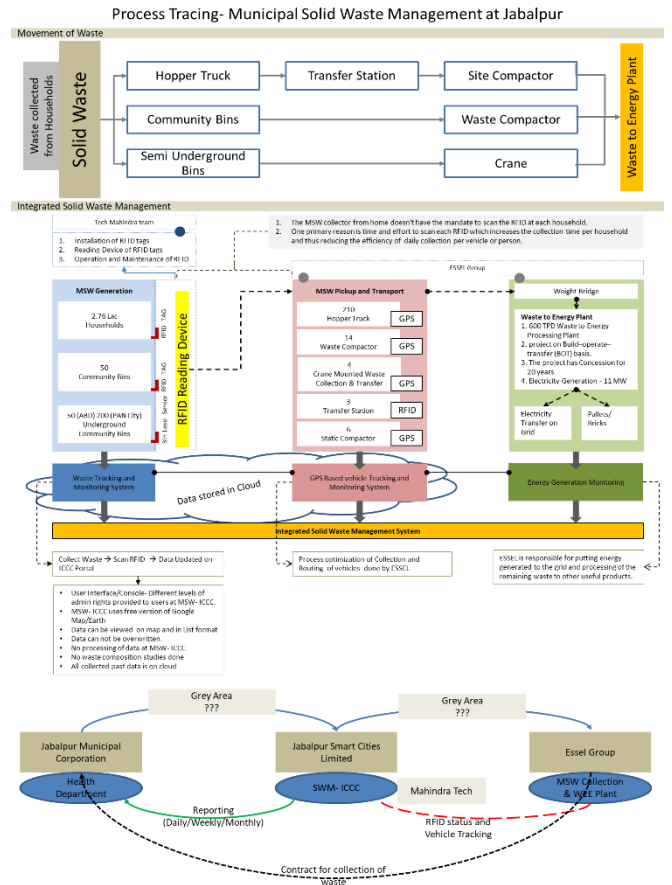
1. Mapping various aspects of the project
2. Understand Linkages
3. Understand drawbacks and feedback loops
4. Inclusivity in proposed project
5. Understand roles/contracts/ jurisdiction/ mandates/policies

5 Issues Identification

1. Need for City Data Plans
2. Contract Management issues
3. Block chain Platform
4. Specific Training – Data Visualization
5. Social Consideration

6 Way Forward

1. Integration of Various data initiatives at city level
2. Development of Training Modules
3. Specific Training and cross city workshops
4. Resource Packs
5. Pilot Block-chain Initiative
6. Social aspects inclusion
7. Publication of Policy Brief
8. Global Policy Dialogue



The project will draw a connection between technological and relational solutions; between big data and ‘small’ or local data; between the ability of urban authorities to deal with cutting edge technologies and their abilities to incorporate information and insights from everyday citizens; and most fundamentally, between a vision of smart cities that emphasizes technocratic ‘data driven’ governance and a vision of being smart that emphasizes and prioritizes using new technologies to make urban society and urban life more inclusive, safe, resilient, and sustainable.

The project learning and outcomes will strengthen the capabilities on Implementation Strategies and Challenges of Data Driven Governance at City Level. Some of the expected and desired results are (a) Effective network within and across cities. (b) Strengthened technical data systems that integrates local data and urban big data. (c) Development of Policies. Strengthen institutional capacities of authorities to collect, manage, make sense of the flood of available data, and then effectively turn those insights into inclusive evidence-based policy.

CAPACITY BUILDING FOR SMART DATA AND INCLUSIVE CITIES (SDIC) Faridabad Smart City Limited

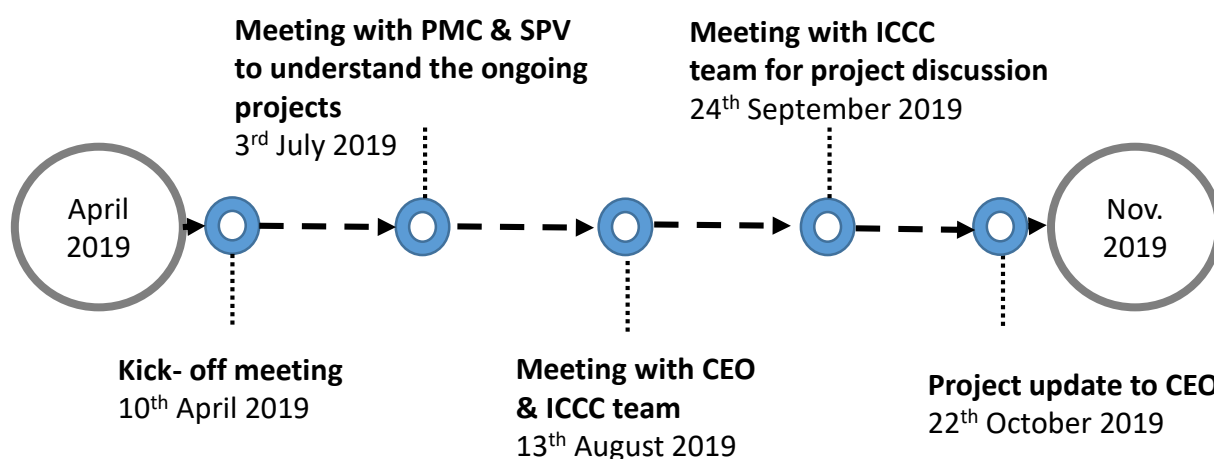
Introduction

The objective of the SDIC project is to support cities for the implementation of smart city proposals by introducing new approaches along with an aim of delivering targeted capacity building focused on the use of smart data. The project also intends to provide handholding support to Faridabad city in aligning their activities with the Data Smart Cities guidelines provided by the Ministry of Housing and Urban Affairs on data driven governance.

The Faridabad Smart City Limited and SDIC team see value in working together for projects that brings data in focus to ensure an outcome based planning approach in governance.

Project Status

The SDIC team has had several collaborative sessions with SPV, PMC and other experts at Faridabad.



Engagement with the city

The team has been engaging with the following:

Project Management Consultant
1. Team Leader
2. Sector Experts
Other Experts
1. Honeywell expert
2. Manager, ICCC
3. System Executive Officer, ULB

Special Purpose Vehicle
1. CEO
2. Additional CEO
3. Technical Advisor to CEO
4. DGM (IT)
5. City Data Officer



Project Strategy, activities and outcomes

STRATEGY

1. Selection of a pilot project - ICCC project has been selected for understanding the nature of available data at city level which will also feed in the inclusive city data policy and assessment of capacity building needs of the team.
2. Handholding support for City Data Policy and formation of Data Alliance
Important objective is to develop a city data policy through formation of the city data alliance.
3. Peer to peer learning from other SDIC project smart cities of Bhopal, Jabalpur, and Kochi through Cross-city Workshops
4. Capacity Building – Training(s) will be conducted on the topics based on the need and mutually agreed by the SDIC and SPV



ACTIVITIES

1. Stakeholder mapping and project deep diving of ICCC project.
2. Process tracing of data related activities and data management practices through a draft template for co-creating of the city data policy.
3. Formulation of the city data alliance by fostering a diverse citizen network including civil society organisations, slum dweller organisations, and researchers in the city for stakeholder consultations for city data policy.
4. To assess the progress in the teams learning and attitude towards data usage and inclusiveness, we administer a Knowledge, Attitude and Perception (KAP) Survey which also aid in assessment of future capacity needs of the participants.



OUTCOME

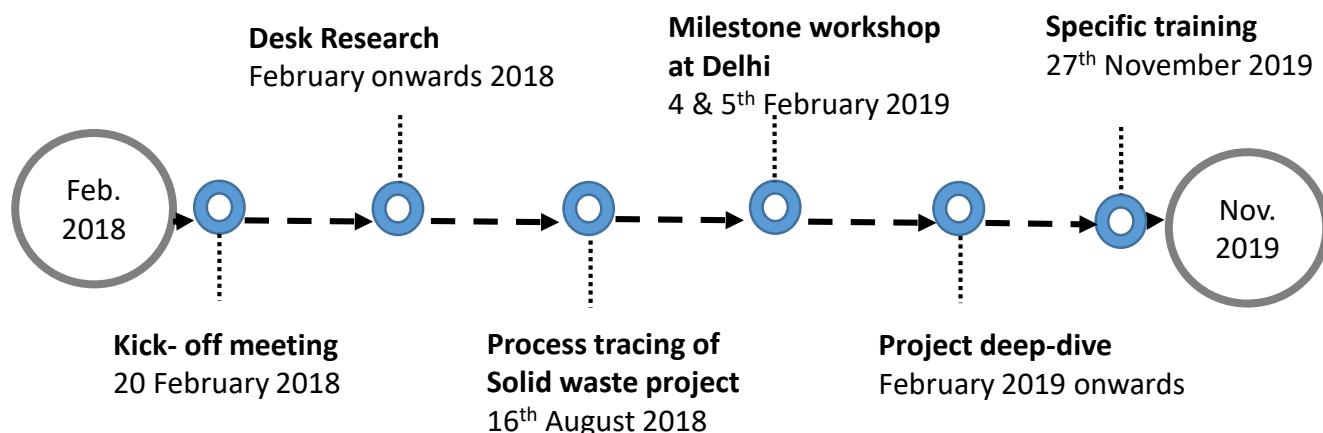
1. Formation of City Data Alliance at city level
2. Framework and handholding support for city data policy
3. Capacity Building
4. Global Policy Dialogue

CAPACITY BUILDING FOR SMART DATA AND INCLUSIVE CITIES (SDIC) Jabalpur Smart City Limited

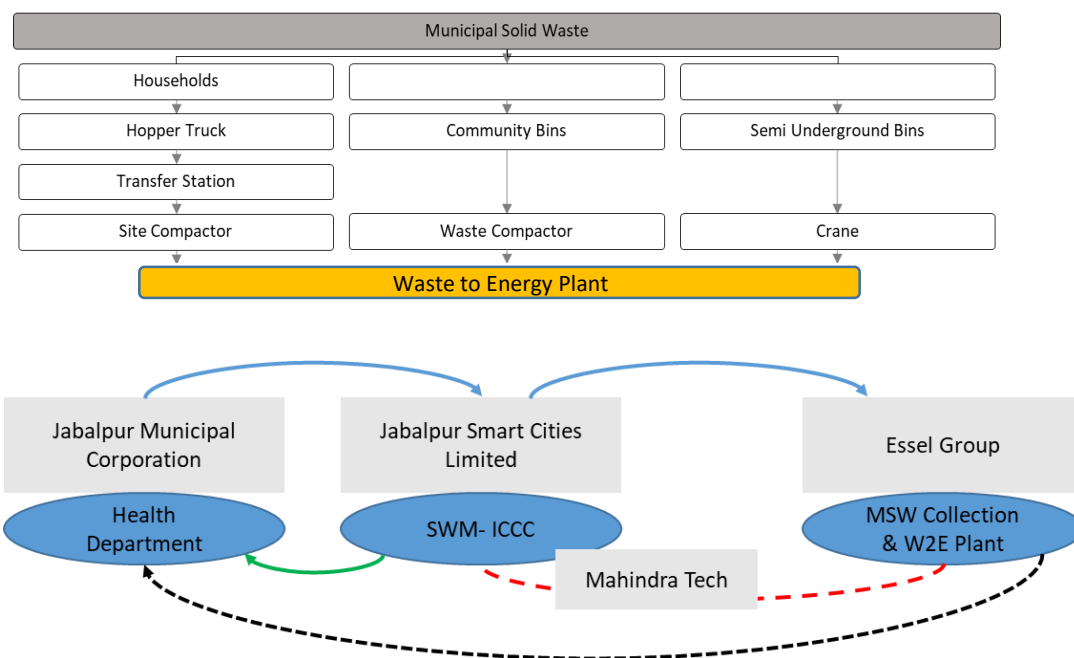
Introduction

The objective of the SDIC project is to support cities for the implementation of smart city proposals by introducing new approaches along with an aim of delivering targeted capacity building focused on the use of smart data. The project also intends to provide handholding support to Jabalpur city in aligning their activities with the Data Smart Cities guidelines provided by the Ministry of Housing and Urban Affairs on data driven governance.

Project Status



Glimpses of Process Tracing



Project Strategy, activities and outcomes

STRATEGY

1. Selection of a pilot project – Solid waste project has been selected for understanding the nature of available data at city level which will also feed in the inclusive city data policy and assessment of capacity building needs of the team.
2. Handholding support for City Data Policy and formation of Data Alliance
Important objective is to develop a city data policy through formation of the city data alliance.
3. Peer to peer learning from other SDIC project smart cities of Bhopal, Faridabad and Kochi through Cross-city Workshops.
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OUTCOME

1. Formation of City Data Alliance at city level
2. Guidelines and handholding support for city data policy
3. Capacity Building
4. Global Policy Dialogue

CAPACITY BUILDING FOR SMART DATA AND INCLUSIVE CITIES (SDIC)

Cochin Smart Mission Limited

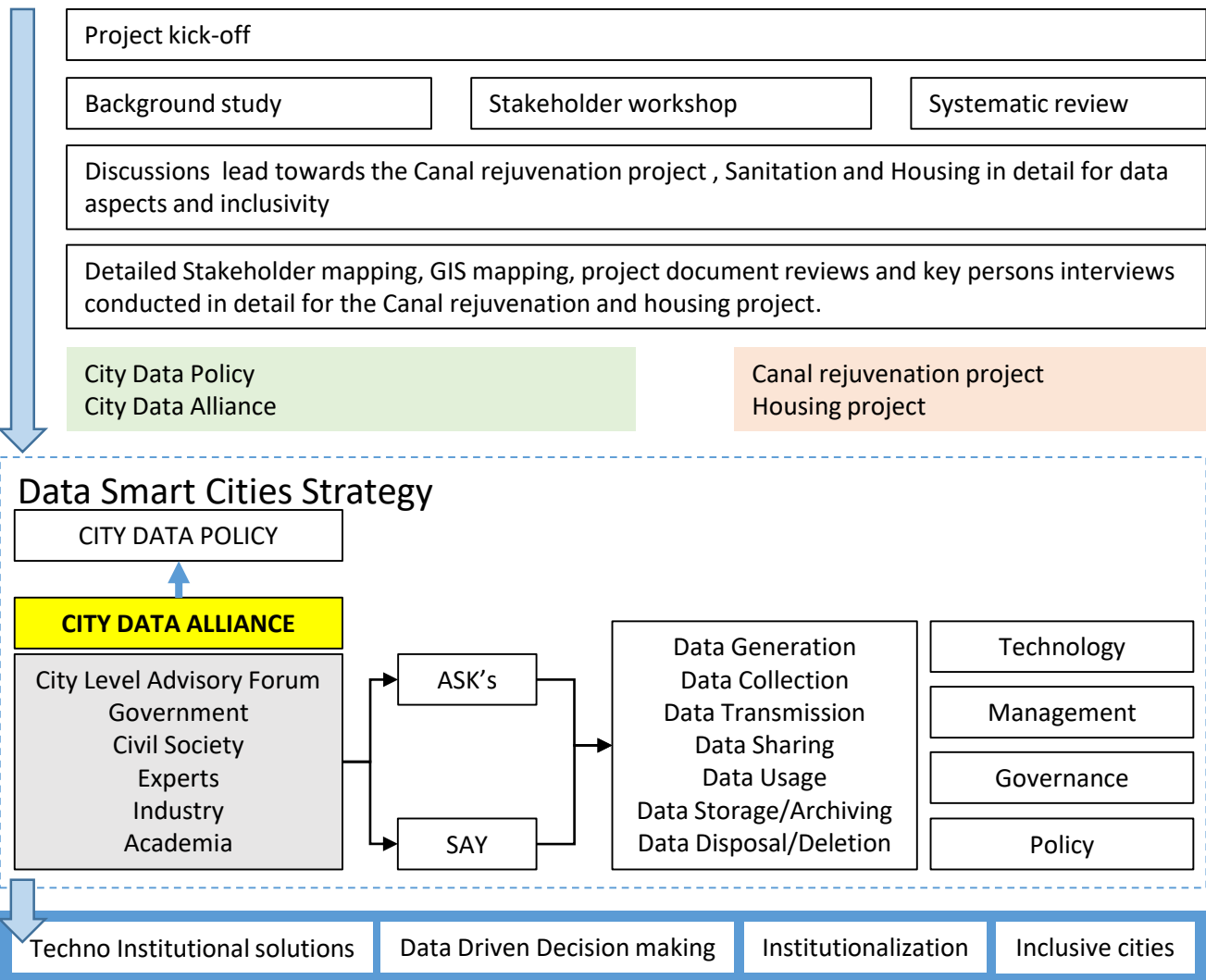
Introduction

Ministry of Housing and Urban Affairs (MoHUA) launched Data Smart Cities Strategy; the document aims to lay down the basic premise, foundational pillars and a suggested roadmap for cities to improve their readiness for intelligent use of data in addressing complex urban challenges. SDIC project intends to support the Kochi Smart City to meet the expectations of Data Smart Cities Strategy.

Project Status



Larger Framework



Strategy & Planned Activities

Strategy:

- To build an **inclusive and effective Data Alliance** with diverse stakeholders in line with the Data Smart City Strategy
- To articulate a City Data Policy in line with the Data Smart City Strategy, which **institutionalizes inclusiveness** towards data and which encapsulates the unique goals of Kochi Smart City.

Planned Activities:

- Consultative Stakeholder Workshop:** Engage in dialogue with the city governments and other relevant stakeholders (includes civil society organizations, slum dweller organizations, and researchers) concerning inclusive and people centered city data design.

CAPACITY BUILDING FOR SMART DATA AND INCLUSIVE CITIES (SDIC)

Bhopal Smart City Development Corporation Limited

Introduction

Bhopal smart city has established an Integrated Command and Control Center (ICCC), which is meant to coordinate data sharing between different departments and service providers to facilitate a centralized control over the provision of selected services. SDIC team offers a pilot Block Chain based platform, which is capable of distributed governance for data systems and it runs on a distributed infrastructure that can be hosted at ICCC along with existing establishments.

Project Status

The project kick-off meeting held during 20 Feb 2018 with Municipal Commissioner and representatives of BSCDL, and SPV team for seeking support for the key project activities.

Activities Performed

- The SDIC research team in partnership with the Core City Team have conducted initial scoping and process-tracing activities of ICCC
- Organized one year-end workshop at Delhi during 04-05 February 2019 to finalize the agenda of the next year. During the workshop, one resource pack was released and conducted team exercises along with experience sharing and cross learning across cities.
- Based on the demand raised during the year one-milestone workshop, SDIC team conducted a half day training cum workshop on “Data Visualization and Analytics” held on August 6th 2019.
- For the pilot block-chain technology based platform, SDIC team conducted a multiple meetings to understand the project requirements and submitted a draft process document (As is and To be).

Strategy & Planned Activities

Strategy:

- To build an **inclusive and effective Data Alliance** with diverse stakeholders in line with the Data Smart City Strategy
- To articulate a City Data Policy in line with the Data Smart City Strategy, which **institutionalizes inclusiveness** towards data and which encapsulates the unique goals of Kochi Smart City.

Planned Activities:

- **Consultative Stakeholder Workshop:** Engage in dialogue with the city governments and other relevant stakeholders (includes civil society organizations, slum dweller organizations, and researchers) concerning inclusive and people centered city data design.

Expected Outcome

Comprehensive City Data Policy that ensures inclusiveness in the data system based on the input and guidance from a diverse Data Alliance.

Block-chain pilot platform implementation as an technological intervention for enhanced data management, integrating silos across departments and bringing accountability with better citizen services