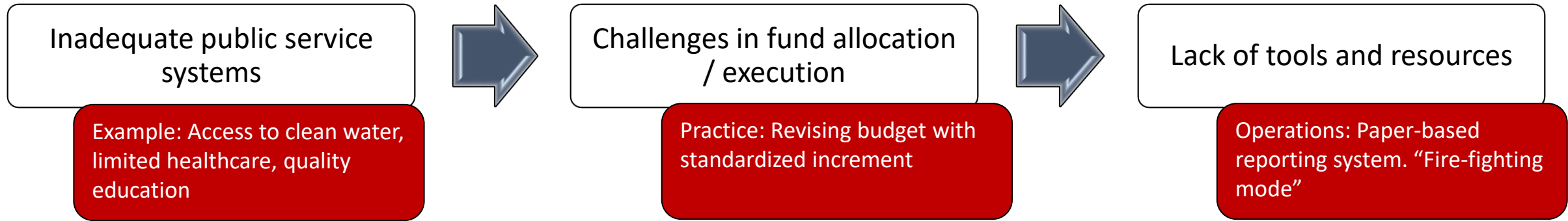


ENABLING DATA DRIVEN GOVERNANCE THROUGH TECHNOLOGY

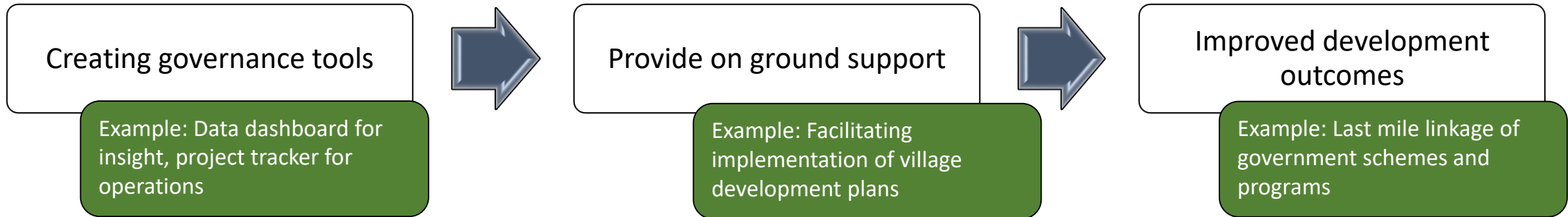
DATA DRIVEN GOVERNANCE – THEORY OF CHANGE

Vision- To activate functional and inclusive governance structures supported by data driven decision making across different layers of the Indian governance structure

Gaps in planning and delivery of basic public services



Our efforts towards creating sustainable solutions



PILLARS OF DATA DRIVEN GOVERNANCE



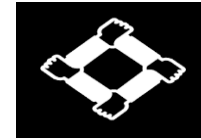
TECHNOLOGY DRIVEN DECISION SUPPORT SYSTEM

To Activate a data reliant culture of decision making, and enhance the data and technology discourse in Indian Governance



CAPACITY BUILDING OF STAKEHOLDERS

Capacity building of administration and other stakeholder for use of decision support dashboard and development of learning modules



STRATEGIC PARTNERSHIPS

Strategic Partnerships with government agencies and other entities



Conceptualisation of DELTA framework

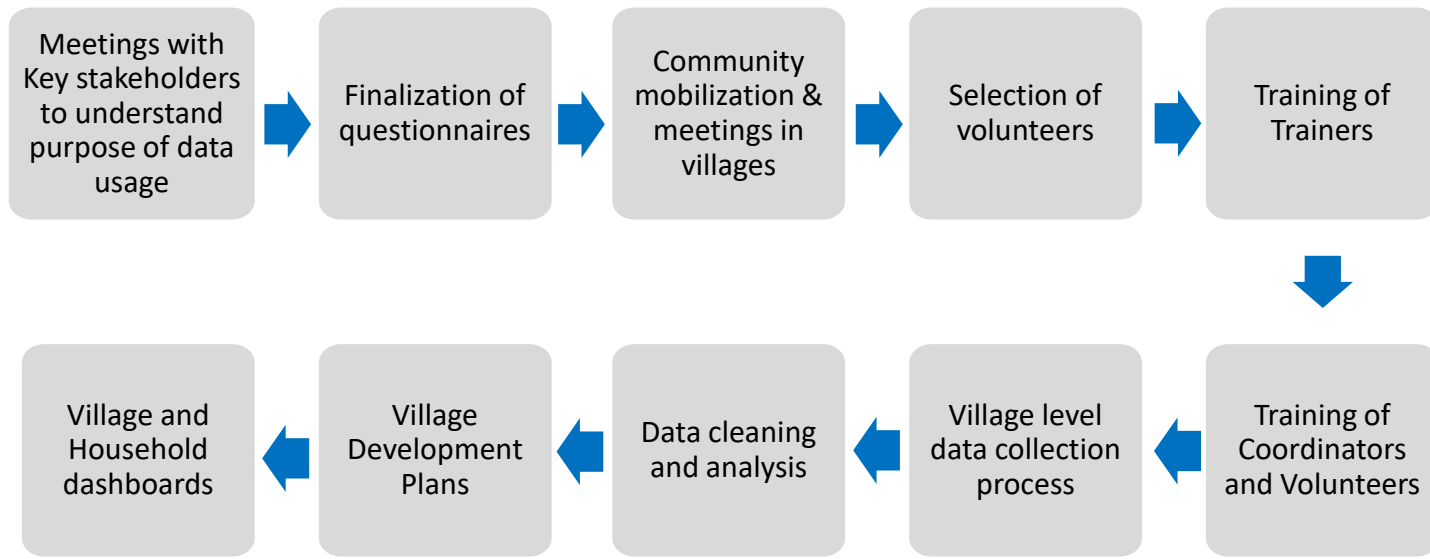


DELTA Platform

DELTA Framework

Converting data into action plans

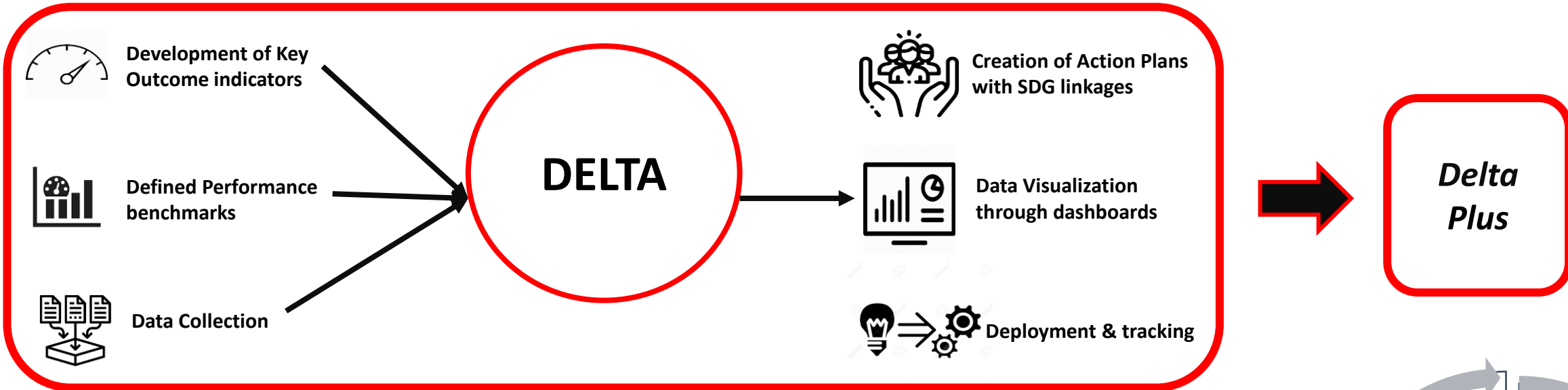
Village Development Plan – Process



- i. Village meetings and Gram Sabha approval
- ii. Transect Walk
- iii. Baseline Study (100% HH coverage)
- iv. Social Mapping
- v. Resource Mapping
- vi. Facilitated villagers to assess collective needs of the village/colony
- vii. Data analysis reports – incorporated into draft Village Development plans
- viii. Budgets for collective needs prepared
- ix. With the help of villagers prioritized the Draft Action plans

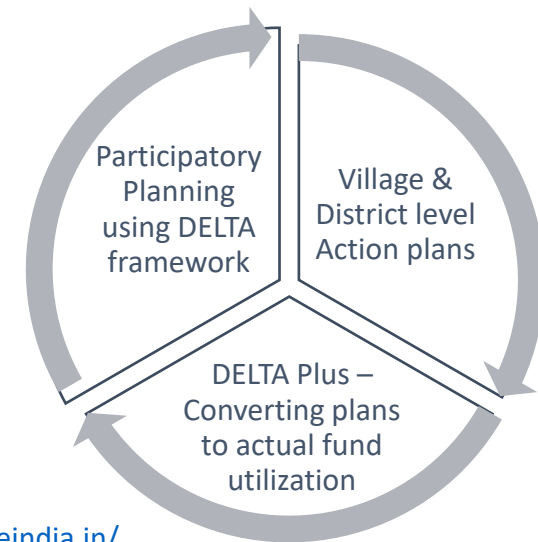
Village development plans are prepared for all villages and GPs
Plan consolidation at Village-Block-District and State level

DELTA: DATA, EVALUATION, LEARNING, TECHNOLOGY & ANALYSIS



The uniqueness of the DELTA framework is that it is capable of capturing progress at a **household & institution** level, which in turn gives a holistic picture of an administrative block.

DELTA Plus was started with an intention to implement data driven plans at a village level bringing in **last mile linkages** between the community & local government



DELTA Link- <https://app.deltadriveindia.in/>

DELTA- LOCALISATION OF SDG'S

Access to clean drinking water

Pucca Housing

Infant mortality & health care

Nutrition

Access to Toilet

Public Sanitation

Access to electricity & clean energy

Education and skilling

Digital connectivity

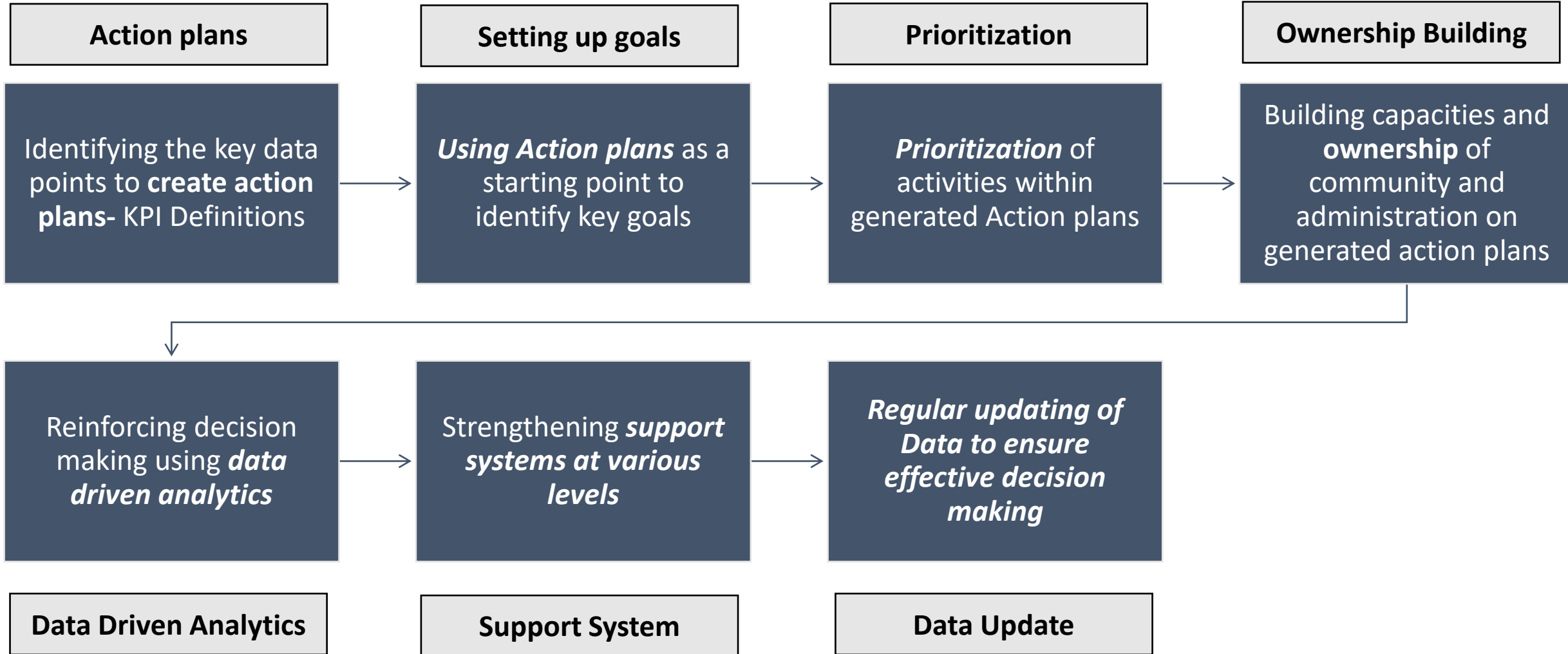
Financial Inclusion



**SUSTAINABLE
DEVELOPMENT
GOALS**

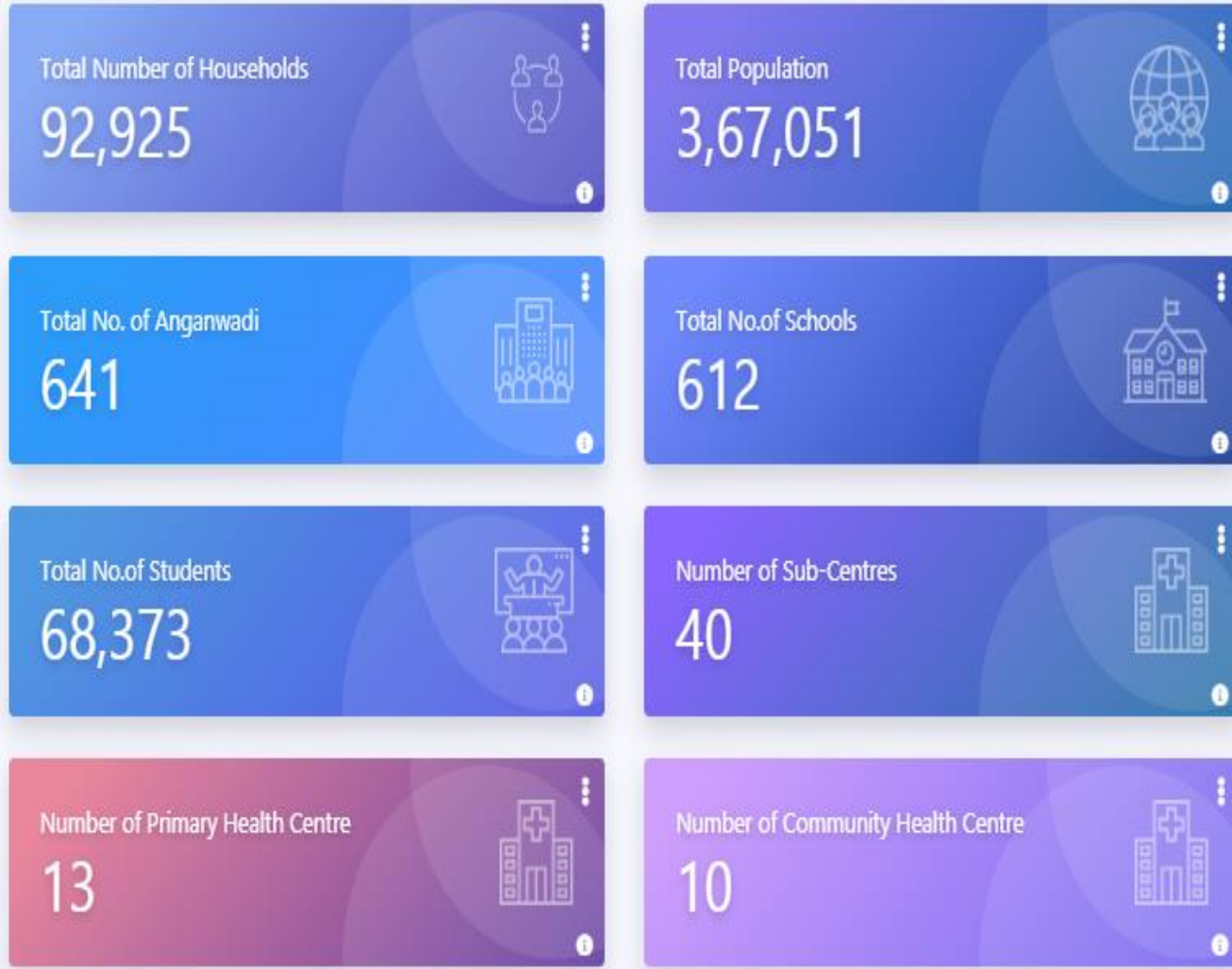
Indicators under DELTA are in line with United Nations
Sustainable Development Goals

DATA DRIVEN APPROACH- PLAN CONVERSIONS

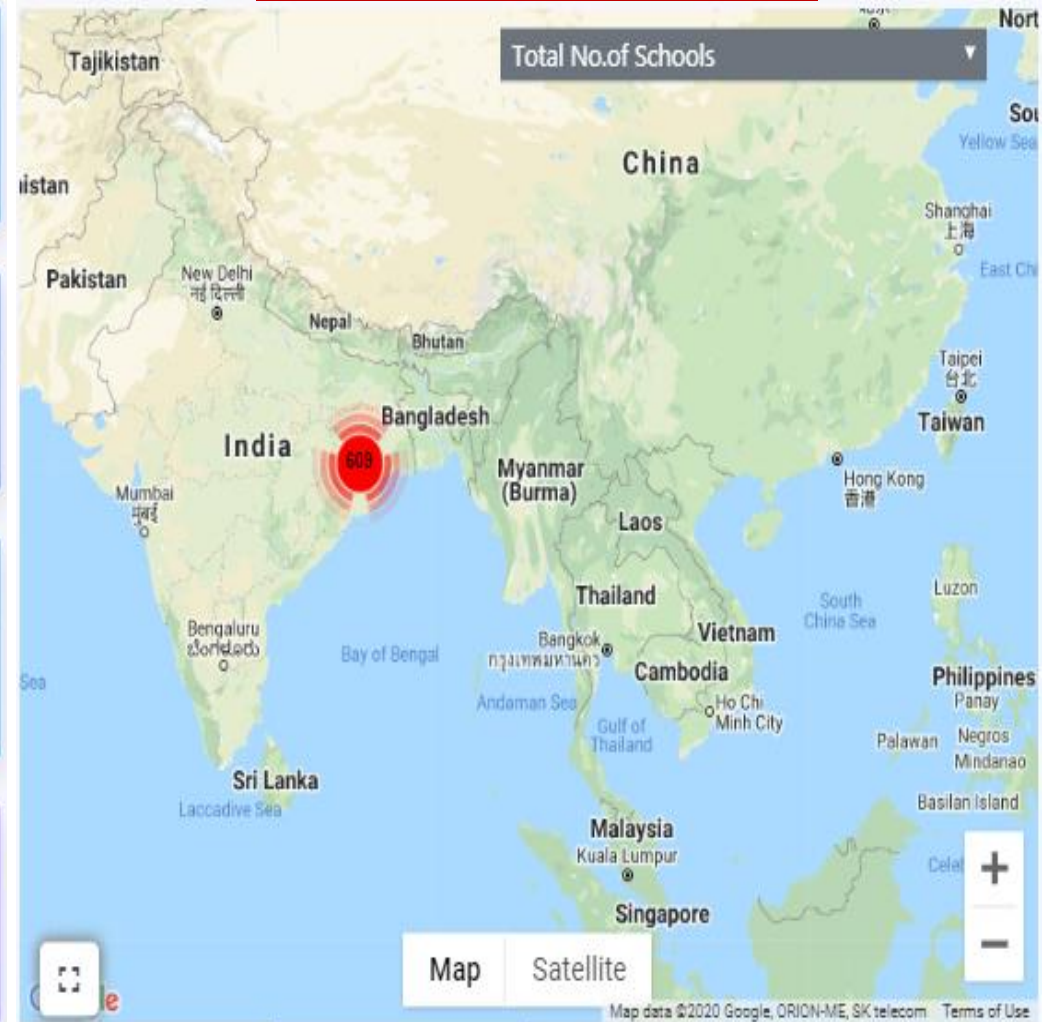


DELTA DASHBOARD- OVERVIEW

Overview of data

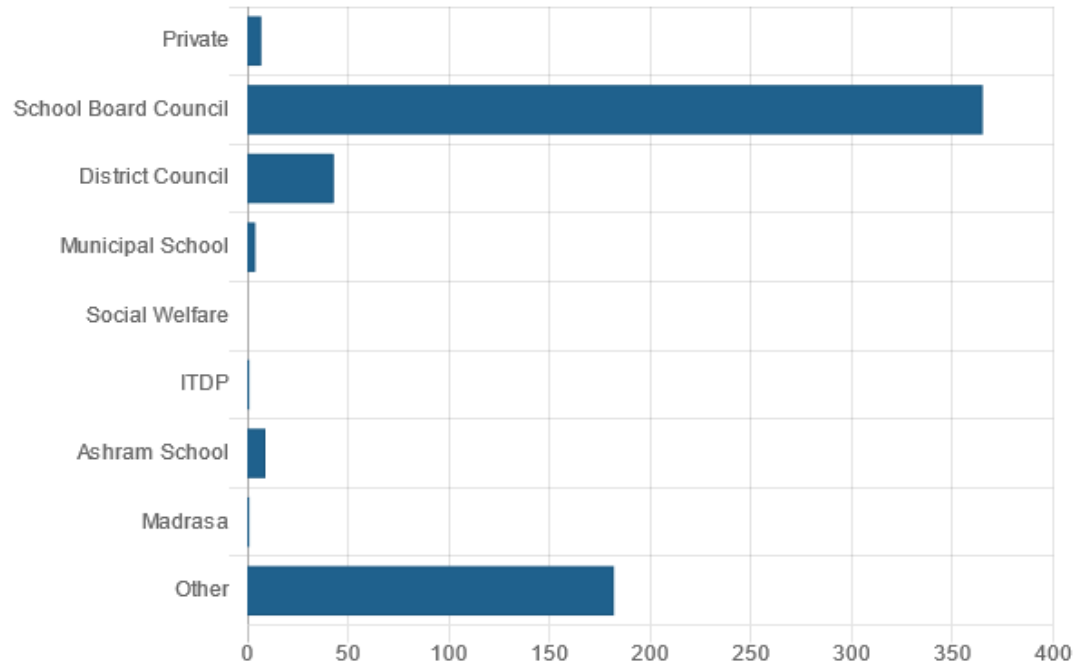


GIS tracking



DELTA DASHBOARD – DIFFERENT VIEWS

School management wise number of schools



Chart

Heat Map

GIS Map

Data

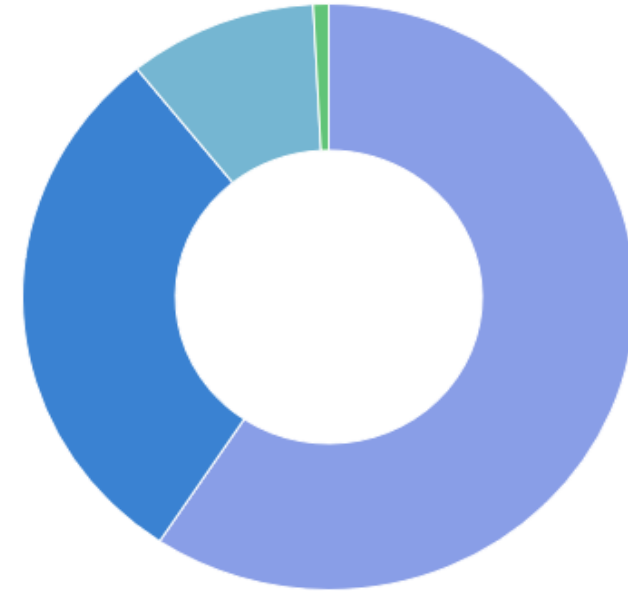
Time Graph

Quality Monitoring

Category wise number of schools



Primary (1st to 5th) Upper Primary (1st to 8th) Secondary (1st to 10th)
Higher Secondary (11th and 12th)



Chart

Heat Map

GIS Map

Data

Time Graph

Quality Monitoring



View different charts / visuals

Look at different trends through time graphs

Ability to look at clusters via heat maps

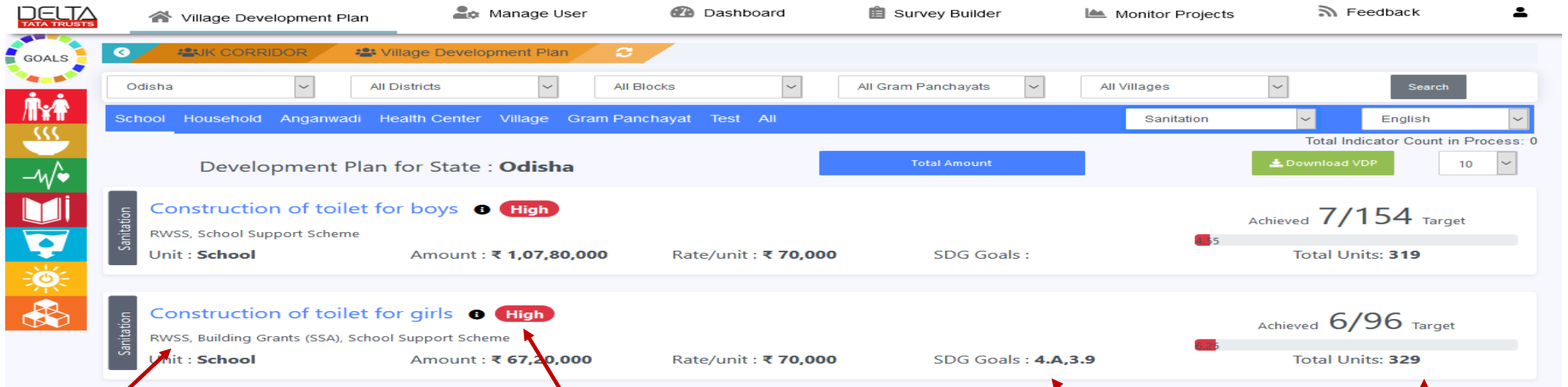
Download data related to an indicator for further analysis

DELTA- CONVERTING DATA INTO INSIGHTS



CRITICAL ENABLERS – *Identifying factors that enhance ultimate impact of policy* - e.g. School & Classroom level Infrastructure needs to be improved to further enhance education outcomes – **Focus on pain points (here no provision of toilets for boys / girls)**

ON TRACK – Tracking incremental progress can help decision makers also understand impact of plans



Mapping targets with government schemes / services

Identifying Targets and priorities and associated costs

Align Local Targets with Global Goals

Track Progress

THANK YOU

Delta Platform

a Trust owned configurable platform

PROBLEM STATEMENT

- No centralised platform available for Data collection- analysis and visualisation requirements
- No system with a standardization of indicators at global standards
- No platform intelligently creating the action items/Gaps basis the data captured
- No system to track the real time progress against the indicators
- No system to prioritise the action items
- No mechanism to track and correct the errors on run time
- No available mechanism to regularly update the data for indicators
- Exorbitant recurring cost incurred to develop such a system
- Lack of provision for comparative analysis of multiple indicators from different sectors
- Multiple redundant system creations- Huge costs, More turnaround time, multiple data repositories

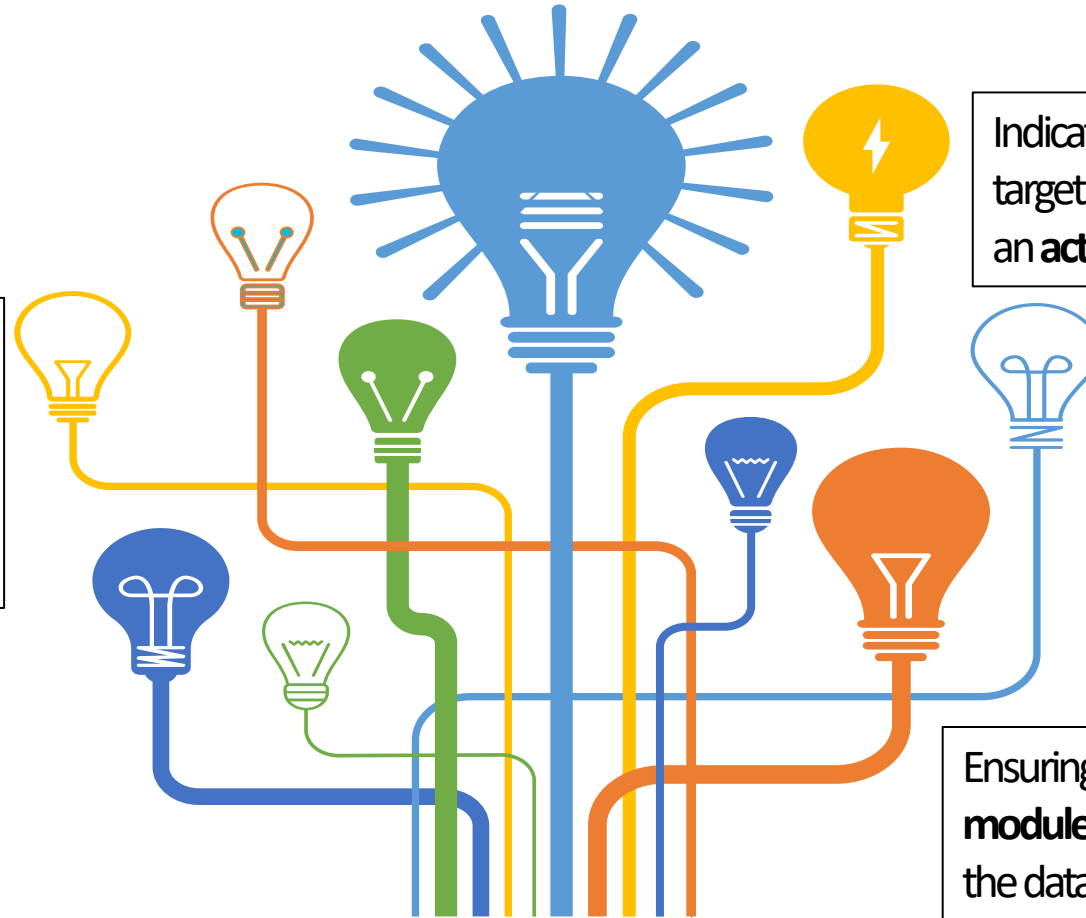


SOLUTION IDENTIFIED

While the DELTA framework provided a methodology in collecting and analysing data for efficient pre-emptive planning, there was also a need for a robust configurable platform to support these processes and enable intake

A personalised **Make My Dashboard** feature to select multiple indicators from different sections of dashboard and project on single sub section, allowing you to track high priority indicators

Update mechanism for data is an integral part of the system now, this allows to track real time progress



Indicators are monitored against target and achievement through an **action plan view**

Ensuring data quality by mechanism to **define constraint and skip logics** with each survey

Ensuring the quality of data by **Error correction module** by flagging the discrepancies during the data capturing phase

DELTA HIGHLIGHTS

Partnership and collaboration opportunities with multiple teams.



Cost saving on multiple deployments.



Enhanced analysis capabilities



Robust monitoring system

Own IP of the platform



Targeted interventions.



Robust feedback mechanism



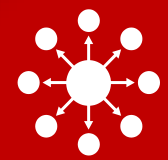
Customizable platform with integrated configuration modules



Reduced deployment time



Indicators are mapped to UN-SDGs



Real time tracking system and update mechanism



Ease of training



DELTA- KEY FEATURES

DASHBOARDS AND VISUALIZATION



- Design customized indicators and dashboards
- Design thematic and regional action plans
- Ability to map indicators to SDGs.
- Get real time updates of visuals and analytics

SURVEY BUILDER



- Design dynamic surveys
- Hassle free e-Survey scripting without any coding
- Choose from variety of question types
- Design looping/nested questions
- Copy an existing form to modify and publish the form quickly

MOBILE APP FOR DATA COLLECTION



- Offline Data Collection
- Automated data syncing in network/wifi area
- Multi-lingual Support
- Data validation checks available at both client and server side

MONITORING AND ERROR MANAGEMENT



- Automated flagging of erroneous data
- Bulk pushing of errors for corrections/recollections by surveyors
- Monitor data collection on daily basis
- Track survey progress against preset targets

DELTA- KEY FEATURES

DATA UPDATE



- Editing/Updating data by preloading a survey dataset (Midline, Endline Surveys)
- Trend analysis across indicators and regions

DATA MIGRATION



- Supports migration of data from existing/legacy platforms

USER ACCESS RIGHTS



- Admin can define user access basis projects, geographies, themes and survey forms.

CASE MANAGEMENT



- Provision to maintain beneficiary histories & touch points, through project lifecycle to measure impact

THEMATIC CONVERGENCE- LEVERAGING DELTA

	Objective	Data Driven solutions
Eastern UP team	Piloting a comprehensive survey of 2 panchayats across themes to create a Panchayat Development Plan	Detailed analysis towards end goal of the project, key performance indicators defined, consultation of effective village development plan
Vikas Anvesh Foundation	Research of Village Organizations and SHGs in Maharashtra	Questionnaire deployed directly using DELTA and data in the form of a CSV shared with VAF team
NCD Screening for Cancer Care	Tracking a patient from registration to screening and following up for treatment. Representing the screening data on a real-time dashboard across all locations.	Using the survey builder and dashboard configuration feature to create forms from Camp creation to Screening to follow up on the DELTA app
Jamshedpur Kalinganagar corridor development	Ushering social development along with economic development of the JKC Corridor, focussing on a data driven, bottom up approach to uplift the region through institutional transformation	Deployment of DELTA platform for data collection, visualization, and VDP generations
Mission Gaurav	To identify migrant workers' socio-economic needs and impact during pandemic	DELTA platform has been deployed to capture the information using the mobile app for 2.3 million household across 6 states
Covid assessment survey	A rapid assessment survey To take stock of the impact of pandemic	DELTA platform has been deployed conduct the rapid assessment survey

Village Social Transformation Mission – The Maharashtra Impact

VISION - A Section 8 Company of Government of Maharashtra, created for convergence of development efforts between Central Government, State Government and Corporates. The Village Social Transformation Foundation would act as a catalyst in creating a uniform and collaborative platform for socio-economic rural transformation

Mission

- Transform **1000 villages in Maharashtra**, severely affected by drought or social challenges into **Model Villages** by providing hard & soft infrastructure and quality **last mile service delivery**
- Bring about **wide-scale behavioural change** to empower villages towards **self-sustainable development**
- Build a **development model** that will be scalable across the country



Government of Maharashtra



Tata Trusts has led the efforts to ensure the transparent and efficient convergence of development activities at the village level, the Trusts created a **Monitoring Mechanism** to harness a **data intelligence platform** using it's DELTA framework for conducting socio-economic analysis.

