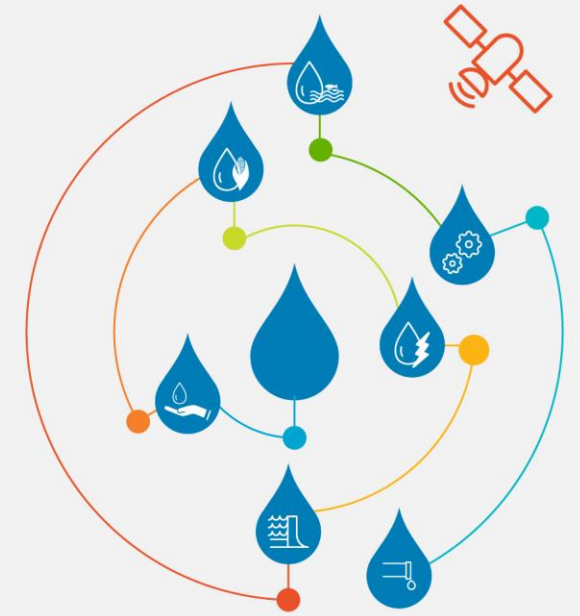


Mainstreaming FSM in Rajasthan



Manoj Sharma

ADB

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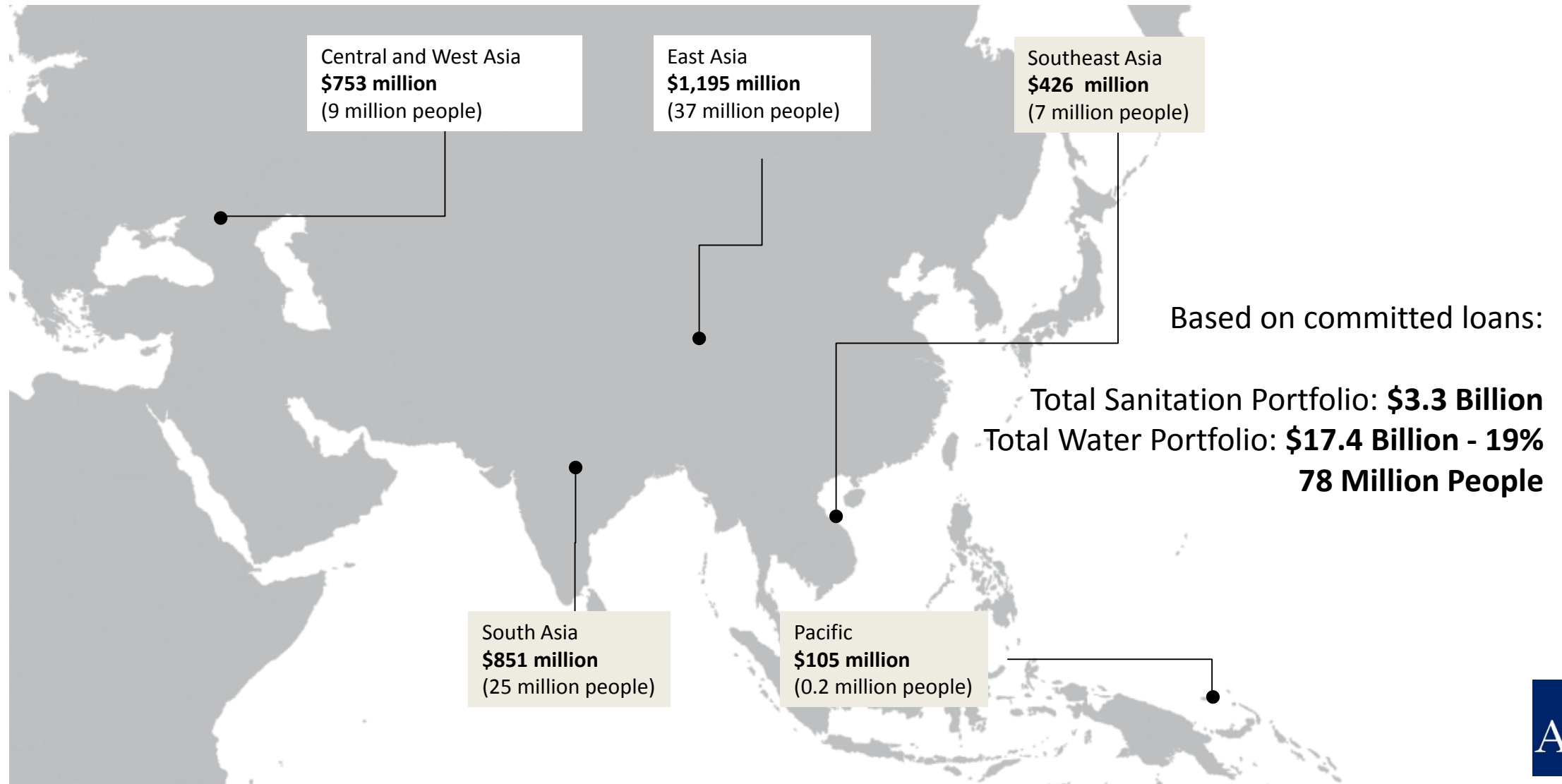


ADB's Water Operational Plan (2011–2020)

- Expanded wastewater management and sanitation, including reuse – addressing full water cycle
- Expanded knowledge and capacity development that promotes technology and innovation – both sharing and learning and hardware and software
- Enhanced private sector engagement – transactions and financial innovation
- Target: Increase the share of sanitation from ADB's total water investments from 14% in 2011 to 25% by 2020



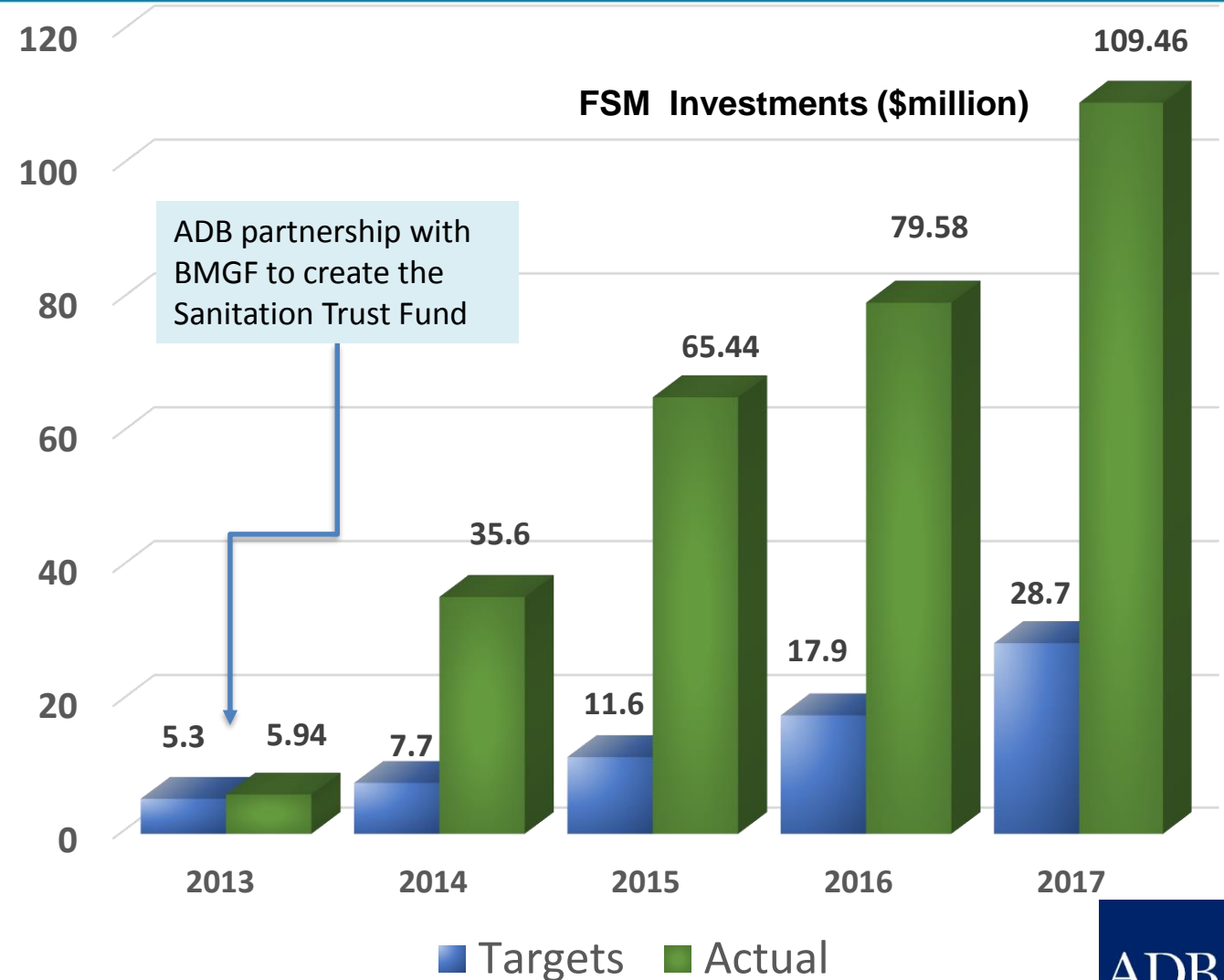
ADB's Sanitation Portfolio (2011 to date)



The Sanitation Trust Fund

Initial grant of \$15M from the Bill and Melinda Gates Foundation (BMGF)

- Focuses on improving non-networked sanitation and FSM
- Advocates the whole value chain of FSM
- Promotes development of the enabling environment and sustainability for FSM
- Leverages on ADB's sanitation portfolio



ADB Projects Supported by the Sanitation Trust Fund

India

Rajasthan Urban
Sector
Development
Program

Bangladesh

Coastal Towns
Environmental
Infrastructure
Project

Third Urban
Governance and
Infrastructure
Improvement
Sector Project

Nepal

Third Small Towns
Water Supply and
Sanitation Project

Mongolia

Southeast Gobi
Urban and Border
Town
Development
Project

Cambodia

Second Rural
Water Supply and
Sanitation Sector
Project

East Asia

Investment: \$39M
Grant amount: \$1.2M
225,000 beneficiaries

South Asia

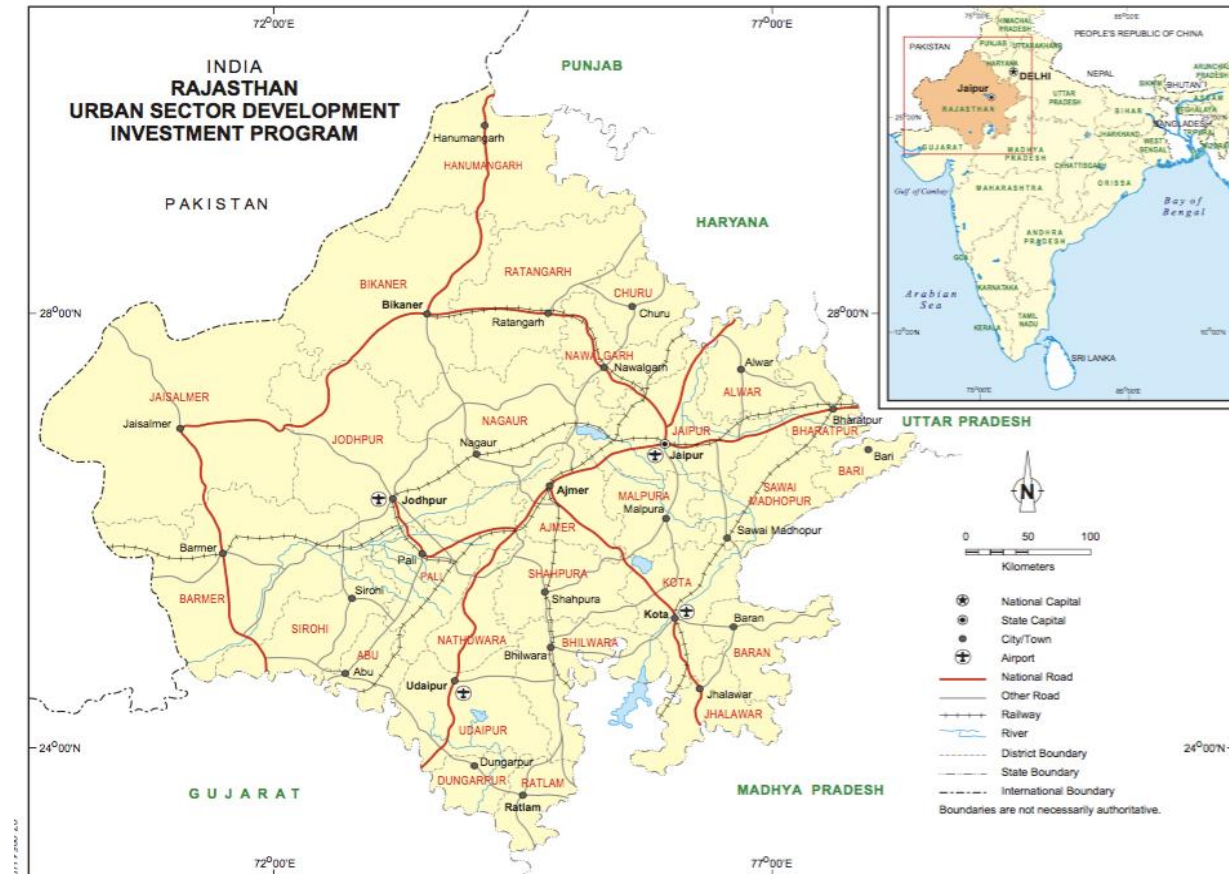
Investment: \$732M
Grant amount: \$5.46M
2.9 million beneficiaries

Southeast Asia

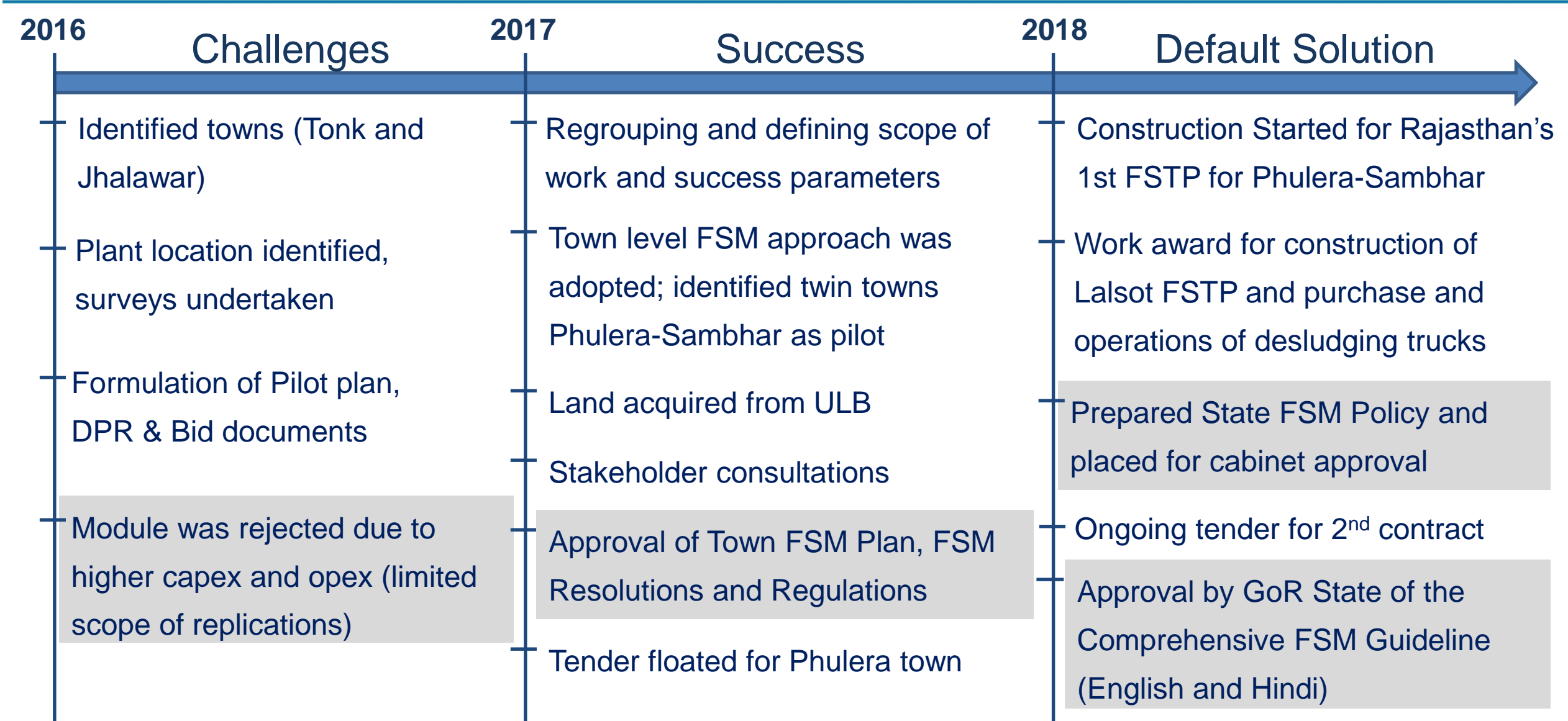
Investment: \$15M
Grant amount: \$1.5M
240,000 beneficiaries

The Rajasthan Urban Sector Development Program (RUSDP)

- Rajasthan has been declared as an ODF state in Q1 2018
 - Supports the Swachh Bharat Mission
 - Completing 191 towns in Rajasthan as ODF
- ADB Financing: Three phases of ~\$1billion investment (1998 to present)
- Total beneficiaries impacted ~9 million
- 30+ cities impacted



FSM in Rajasthan: Timeline

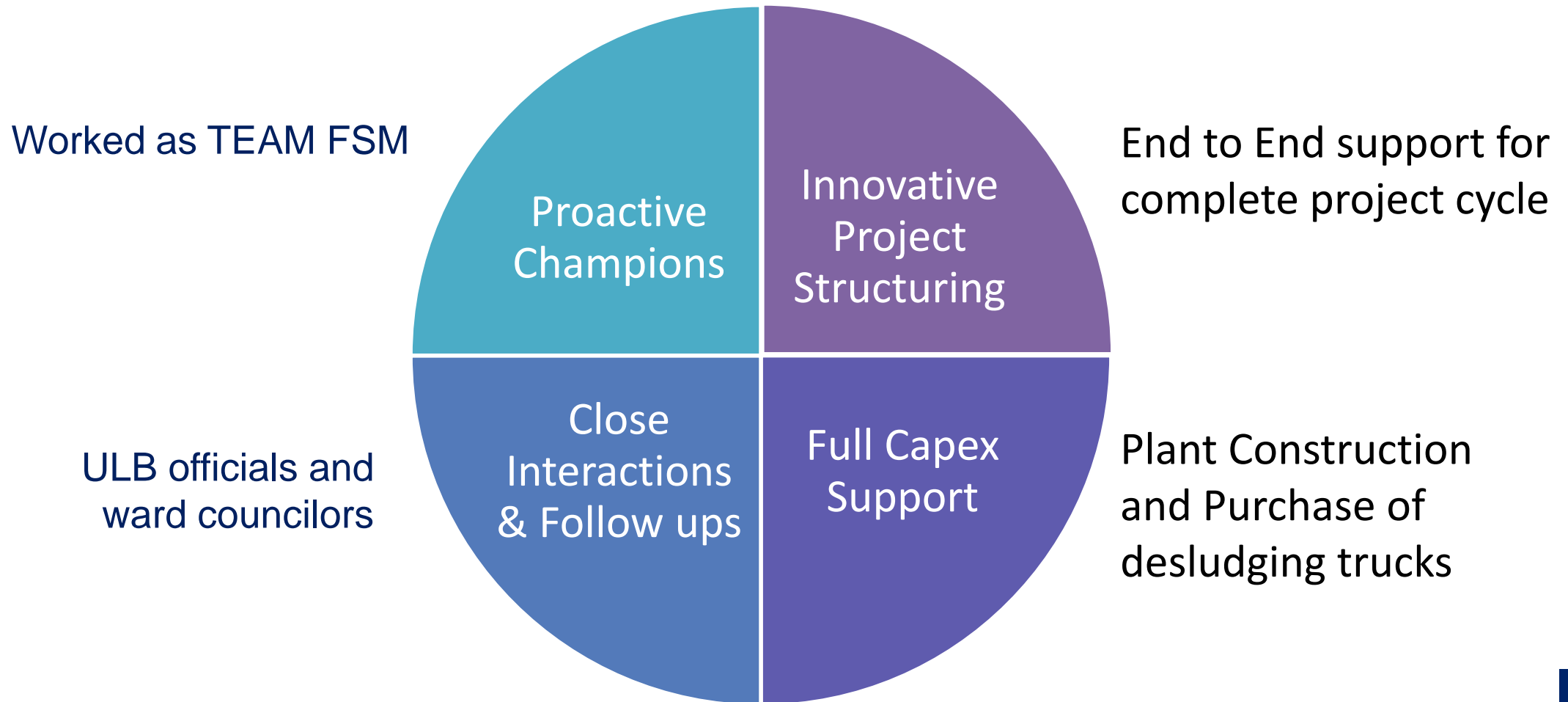


FSM in Rajasthan: Current State

- GoR has identified 100+ more towns to implement FSSM, concept plan prepared with the support of NIUA
- GoR requested ADB to support FSM for additional six towns (~ \$3 million budget)
- Feasibility study for upgradation of STPs to serve as co-treatment unit for fecal sludge generated from peri-urban areas
- Feasibility study for setting of co-composting unit adjoining with proposed FSTP for all three project towns
- State level workshop with technology providers on FSM
- Feasibility study for tenders on cluster mode for 100+ towns



FSM in Rajasthan: Key Success Factors



Moving Forward – What Other Interventions Are Necessary

- Supporting policies and regulation to expand FSM
- Building technical expertise in government for planning and implementation of FSM investments
- Refining business models for financing and O&M of FSM systems
- Explore new technologies and participation of private sector

