Strengthening Community-led Climate-resilient WASH Governance in Informal Settlements of Bhubaneswar and Jaipur

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Introduction

- Challenges in urban WASH, especially in informal settlements

- Progress has accelerated since 2014, but deep-seated inequities persist

- Climate-induced disasters and their impact on existing WASH infrastructure and services

- Emphasis on climate-resilient interventions for WASH inclusion.

- Intervention areas - 87 wards and 280 settlements in Bhubaneswar and Jaipur (2018 to 2024).

Geography

Jaipur - 60 Wards, 125 Settlements
Phase – 1- Wards – 27, Settlements – 68,
Phase – 2-Wards – 33, Settlements – 57,
Zones - 8 (Adarsh Nagar, Civil Lines, Hawa Mahal -
Amer, Mansarovar, Malviya Nagar, Jagatpura,
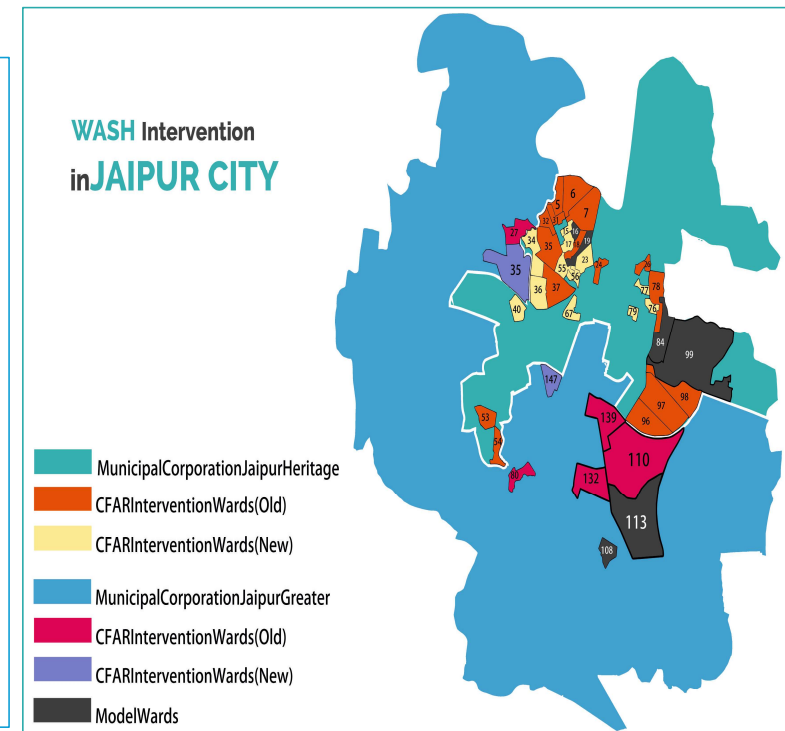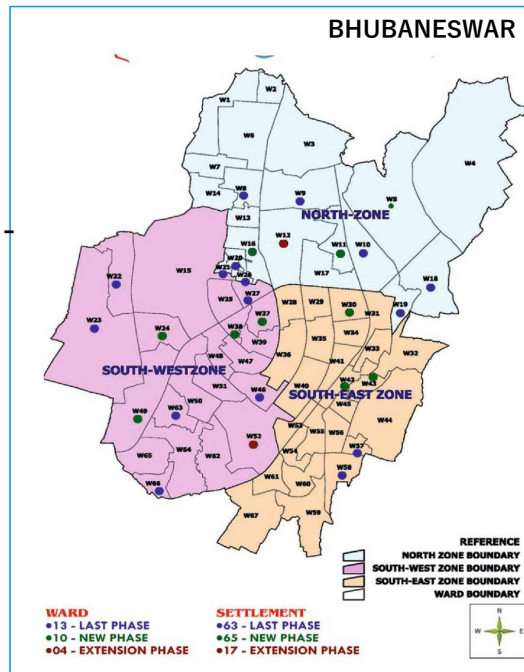Vidyadhar Nagar, Kishanpole)
Two Municipal Corporations - Greater Jaipur
and Jaipur

Bhubaneswar - 27 wards, 145 settlements
Phase – 1- Wards – 13, Settlements – 63,
Phase – 2- Wards -14, Settlements - 82,
Zones - 3 (North, North- West, North - East)

Objectives

- Examine changes in WASH access, community participation, and governance structures.

- Monitor and evaluate the impact of inclusive governance models in both cities.

- Strengthen climate-resilient WASH services through participatory approaches.

Methodology - Mixed-method approach

- *Quantitative Methods:* HHs questionnaire survey, monitoring and tracking daily progress using MIS, Analytical Hierarchy Process (AHP) for SeVI, and Risk and vulnerability scoring.

- *Qualitative Methods*: FGDs, KIIs of the Multi-sector Stakeholders, modes of community engagement in participatory governance.

How does the story of Making the Margins as Mainstream begin?

"Making the Margins as Mainstream" begins with a community-led approach to creating inclusive, climate-resilient WASH services.
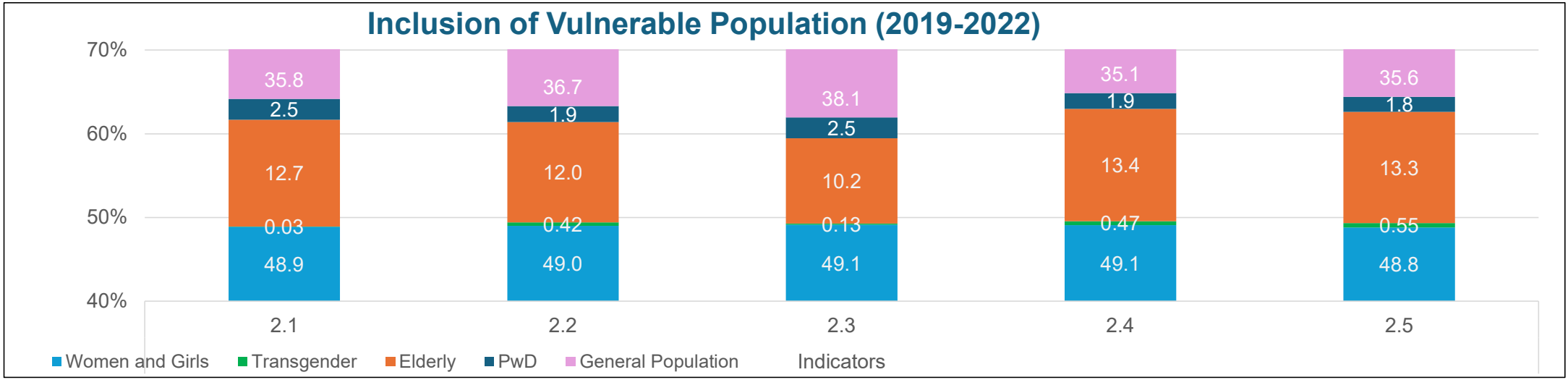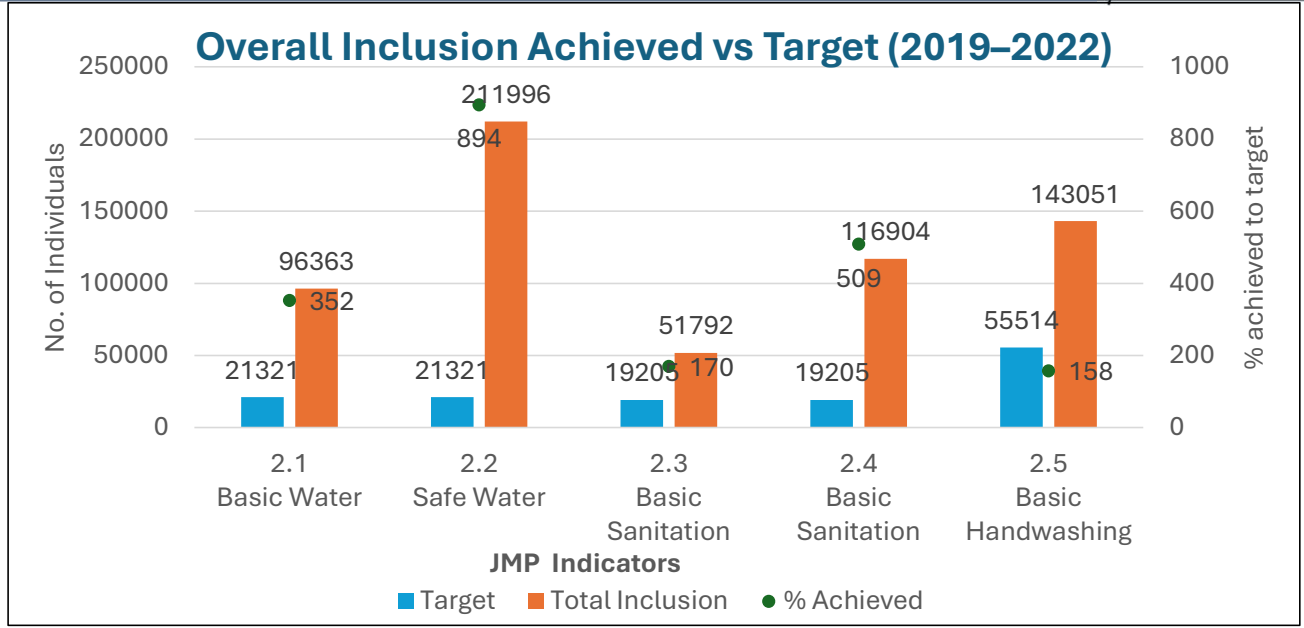
It enables community to shape and determine the narrative by:

- Building on the Policy Support for Inclusive WASH

- Translating WASH policy into programming

- Enabling community-led identification of barriers through Community Operating Structures representing women and all marginal groups

- Shaping integration of Climate resilience in WASH with local adaptation

- Institutionalizing participatory governance through community-led awareness-raising, evidence building, microplanning and decision-making.

- Ensuring sustainability by building skills and capacity for streamlining WASH governance
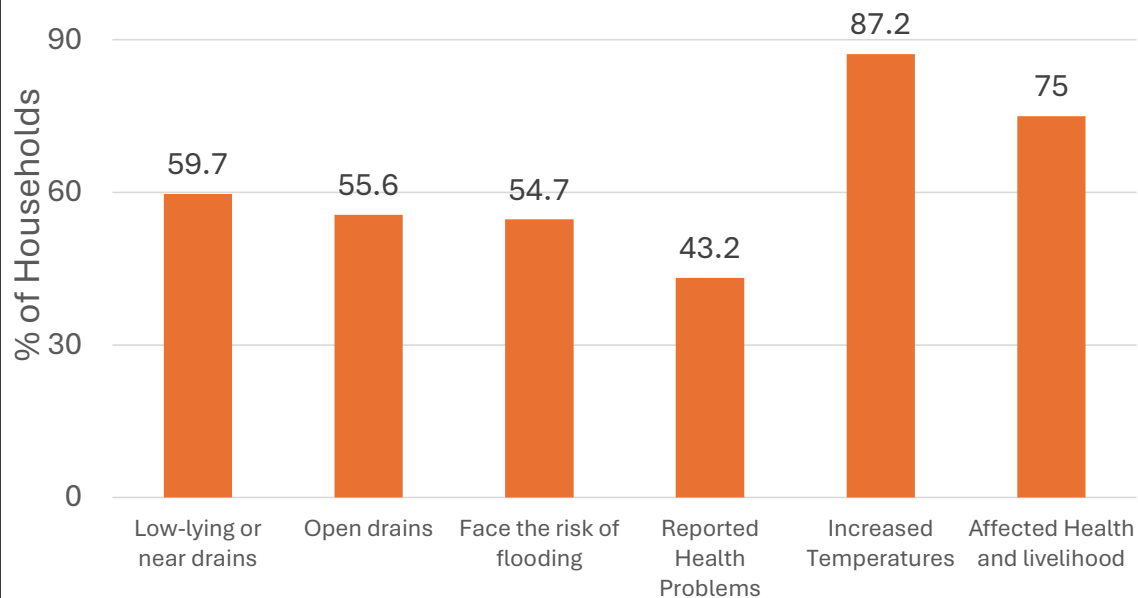
To achieve all of this, focus on:

- Integrating local knowledge and people-centric practices.

- Instilling Inclusivity and Respect to ensure women and marginalised groups feel valued

- Collaborate to strengthen gender transformative practices

- Redefine Power Structure and Decision-Making Process to ensure what is being prioritized is provided
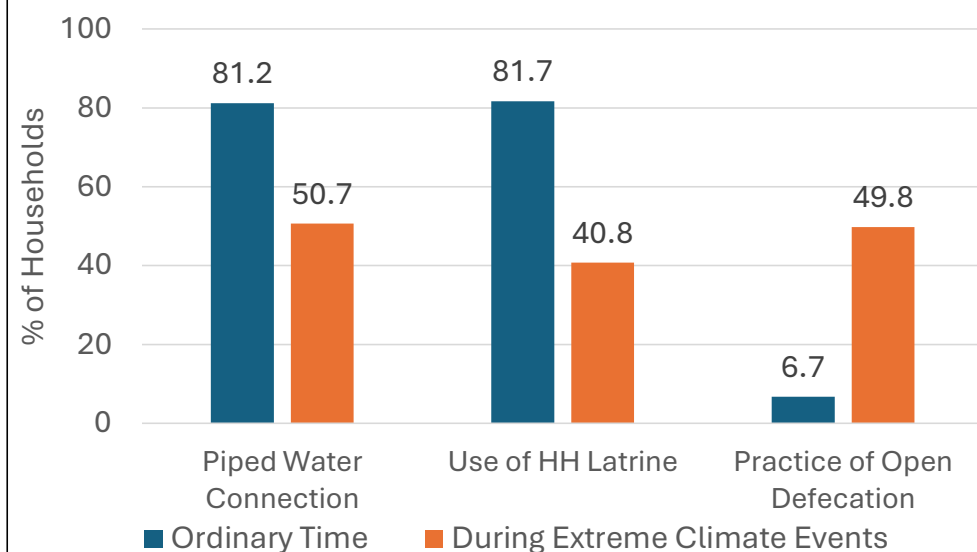
Overall Inclusion:

Achieved vs Target (2019–2022)

Overall Inclusion Achieved vs Target (2019–2022)

Target — Total Inclusion — ● % Achieved

JMP Indicators	Target	Total Inclusion	% Achieved
2.1 Basic Water	21321	96363	352
2.2 Safe Water	21321	211996	894
2.3 Basic Sanitation	19205	51792	170
2.4 Basic Sanitation	19205	116904	509
2.5 Basic Handwashing	55514	143051	158

Inclusion of Vulnerable Population (2019-2022)

Indicators	Women and Girls	Transgender	Elderly	PwD	General Population
2.1	48.9	0.03	12.7	2.5	35.8
2.2	49.0	0.42	12.0	1.9	36.7
2.3	49.1	0.13	10.2	2.5	38.1
2.4	49.1	0.47	13.4	1.9	35.1
2.5	48.8	0.55	13.3	1.8	35.6

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Climate Impacts in WASH (2023)

Climate Change Induced Challenges

% of Households

- Low-lying or near drains: 59.7
- Open drains: 55.6
- Face the risk of flooding: 54.7
- Reported Health Problems: 43.2
- Increased Temperatures: 87.2
- Affected Health and livelihood: 75

WASH Facilities During Ordinary Time and Extreme Climate Events

% of Households

- Piped Water Connection — Ordinary Time: 81.2, During Extreme Climate Events: 50.7
- Use of HH Latrine — Ordinary Time: 81.7, During Extreme Climate Events: 40.8
- Practice of Open Defecation — Ordinary Time: 6.7, During Extreme Climate Events: 49.8

Ordinary Time | During Extreme Climate Events

Beginning…

Bhubaneswar

Jaipur

Having a Say in Decision-making

From Being A Face of WASH Exclusion

To Voicing the Right to WASH Inclusion

WHAT ??
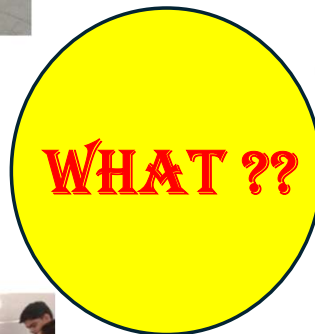
Bhubaneswar

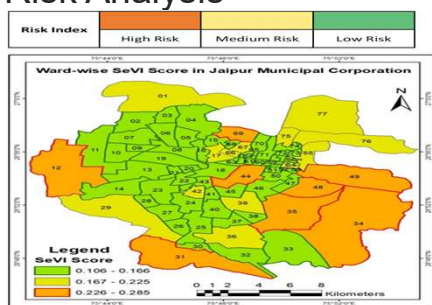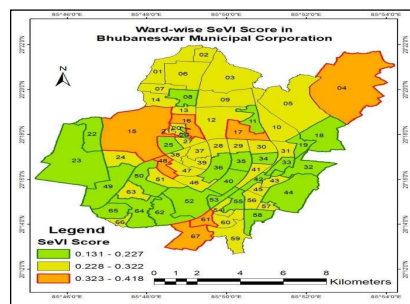Exercising Collective Agency

Jaipur

Tools and Processes

1. Building Evidence

a). Risk Analysis

Jaipur

Bhubaneswar

2. Validation

a) Community Prioritisation

b) Knowledge building
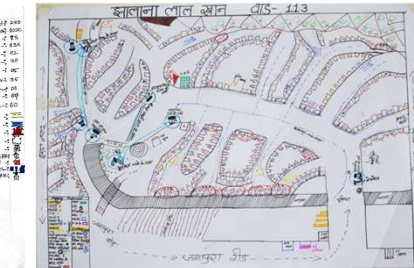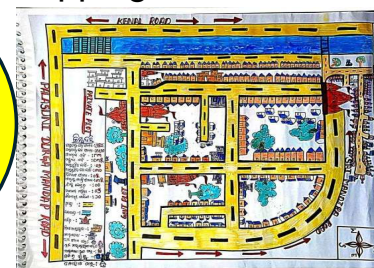

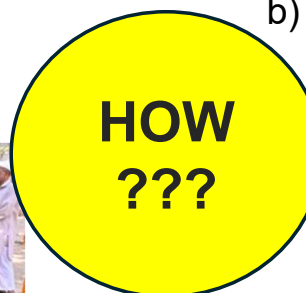## 3. Micro-Planning

a) Participatory Assessment

Bhubaneswar   Jaipur

b) Mapping

c) Brainstorming

Bhubaneswar   Jaipur

HOW ???

4. Capacity Building

a) Training

Bhubaneswa

Jaipur

b) Adaptation

IMPACT

5. Monitoring

a) Public Data Dashboard 'Saniclimiwall'

Bhubaneswar

Jaipur

6. Decision Making

a) Ward Review Meeting

Outcome

Water filtration plant- Jaipur

Elevated Toilet at Ms Jhuna Naik's home- Bhubaneswar

To What End

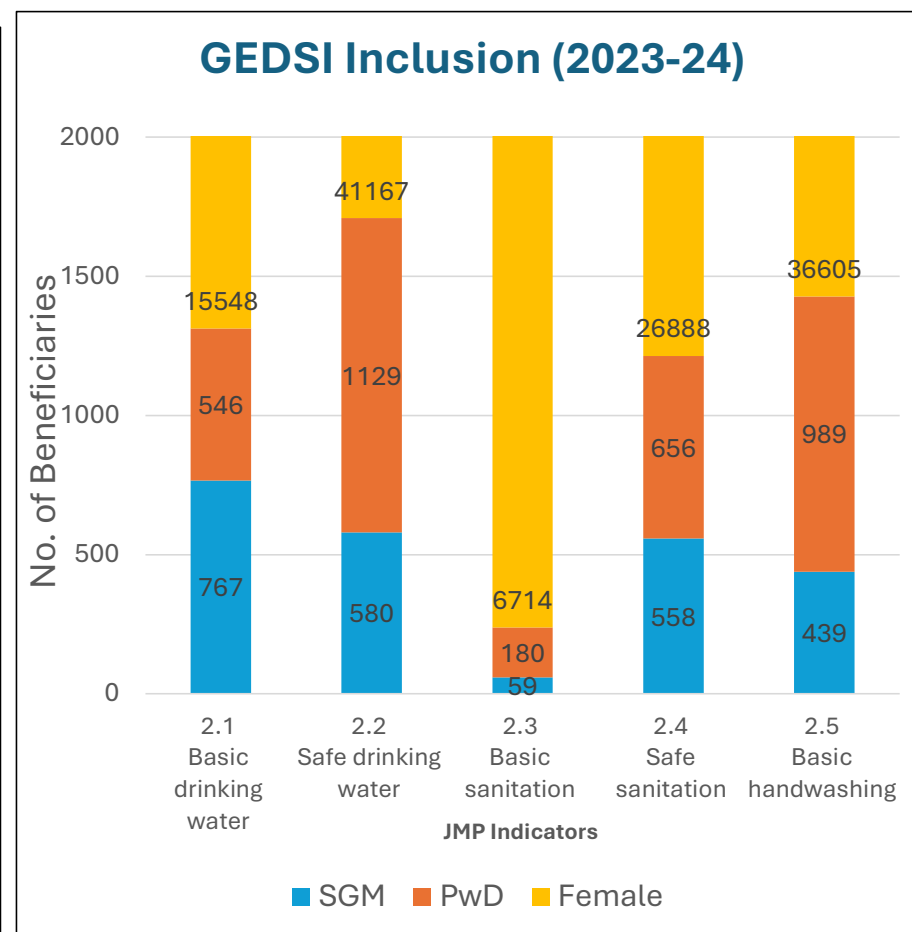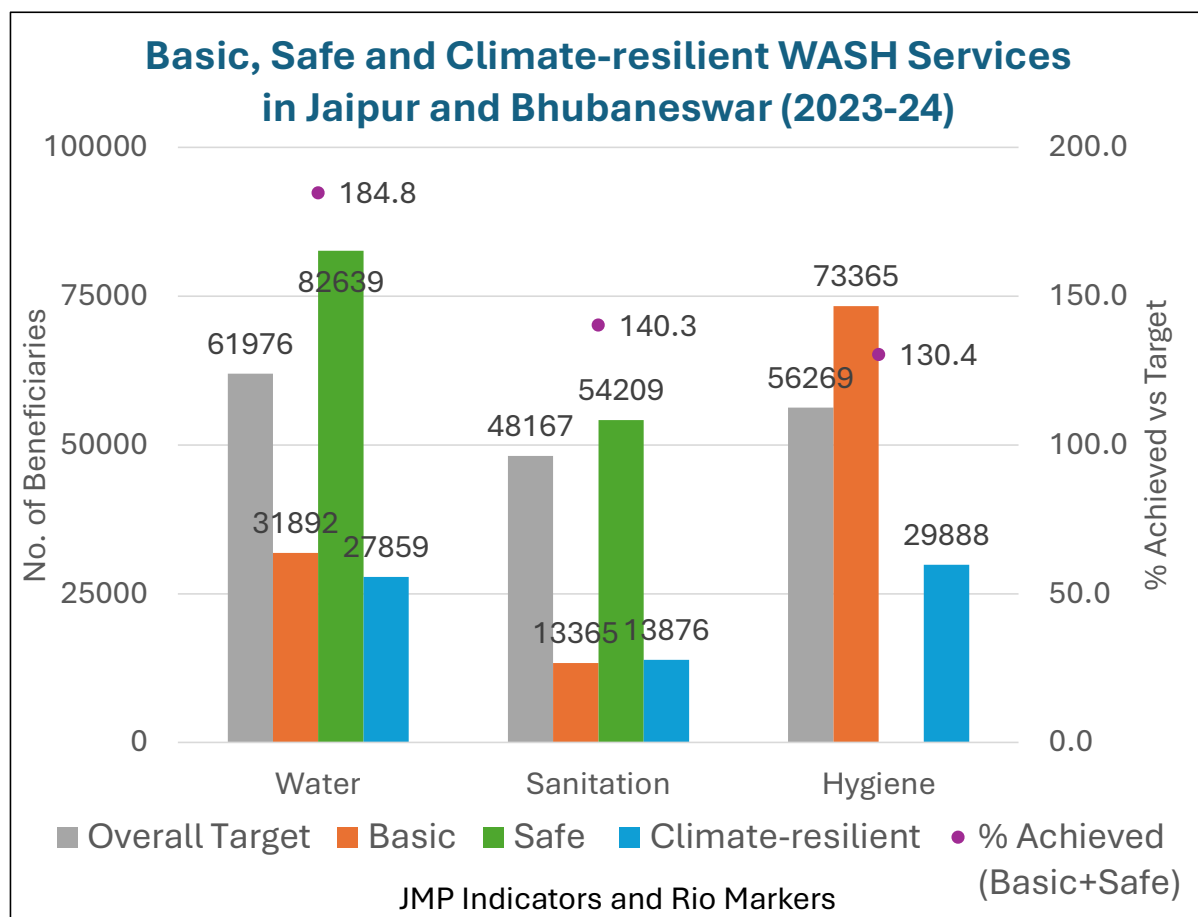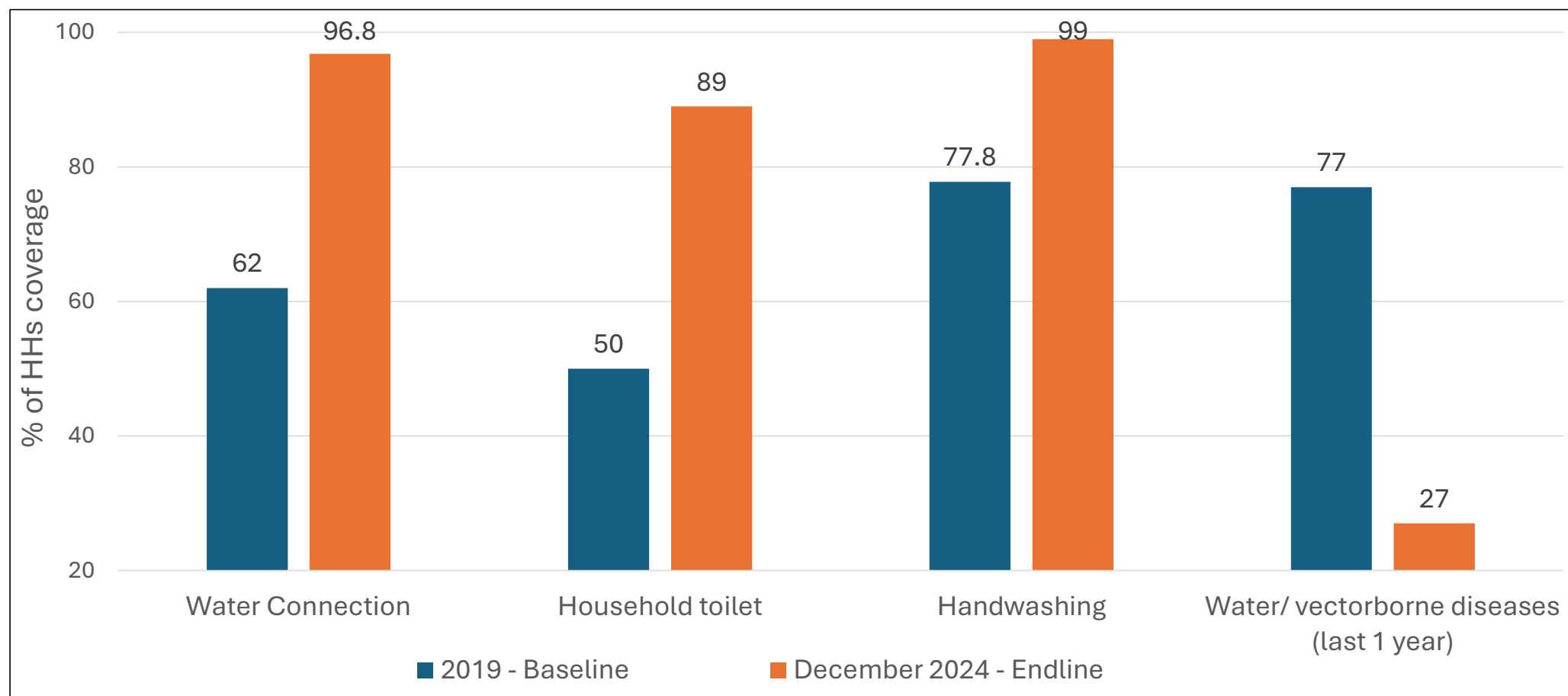### Ward– Level Results

❖ Ward 5, Bhubaneswar (Nov '23 to June '24) 540 (8%) households built toilets, including 83 raised toilets.

❖ Ward No.113, Jaipur CR water pipelines for 614 (25%) HHs

Progress in CR WASH Services and GEDSI Inclusion (2023-2024)

Basic, Safe and Climate-resilient WASH Services in Jaipur and Bhubaneswar (2023-24)

Water: Overall Target 61976, Basic 31892, Safe 82639, Climate-resilient 27859, % Achieved 184.8

Sanitation: Overall Target 48167, Basic 13365, Safe 54209, Climate-resilient 13876, % Achieved 140.3

Hygiene: Overall Target 56269, Basic 73365, Climate-resilient 29888, % Achieved 130.4

Legend: Overall Target, Basic, Safe, Climate-resilient, % Achieved (Basic+Safe)

JMP Indicators and Rio Markers

GEDSI Inclusion (2023-24)

JMP Indicators	SGM	PwD	Female
2.1 Basic drinking water	767	546	15548
2.2 Safe drinking water	580	1129	41167
2.3 Basic sanitation	59	180	6714
2.4 Safe sanitation	558	656	26888
2.5 Basic handwashing	439	989	36605

Progress in WASH Services (2019-2024)

The total unique beneficiaries (WASH services) stand at 393,376 of the 801,112 population.

We celebrate our small victories…

We continue to aspire for more…

Thank you.