



Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

Towards Sustainable Integrated Development in (Smart) Cities: GIZ-supported Projects

Session: “Smart Cities and Sustainability“
10th GRIHA Summit, New Delhi
12 December 2018





Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

Table of Contents

Overview of the GIZ Sustainable Urban Industrial Cluster: GIZ-supported Smart City Projects

- Transport
- Climate Adaptation and Mitigation
- Sustainable Urban Development (Planning. Land. Housing. Basic Services)

Inclusive Cities Partnership Programme | Overview & Learnings:

- Beneficiary-Led Individual House Construction: An Approach
- Demystifying Urban Land Tenure Issues: Case study from Odisha



Implemented by



Urban and Industrial Cluster Overview

Human settlements and basic services

Industry

Ganges

Mobility

Land Use Planning and Management

Sustainable and Environment-friendly Industrial Production

Support to Ganga Rejuvenation

Integrated Sustainable Urban Transport Systems for Smart Cities

Sustainable Urban Development - Smart Cities (SUD-SC)

Resource Efficiency Initiative

Development and Implementation Support to the India-EU Water

Climate Smart Cities

GP: Cities fit for Climate Change

GP: Export Initiative for Environmental Technologies

GP: ICT-based Adaptation to Climate Change in Cities

GP: C40 – Cities Finance Facility

Bi-Lateral Projects - MoHUA

Bhubaneshwar, Kochi, Coimbatore

Global Projects



Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

SUD-SC

CSC

Smart SUT

SUD-SC project



Implemented by



Sustainable Urban Development – Smart Cities

SUD-SC
CSC
Smart SUT

Housing & Settlements

Basic services

Governance & Planning



National

State

City

Housing and Settlements

- Affordable housing
- Rental housing
- Housing finance
- Spatial planning

Basic Services

- Water supply
- Sewerage/Waste water
- Solid Waste Management
- Drainage



Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



Inclusive Cities Partnership Programme

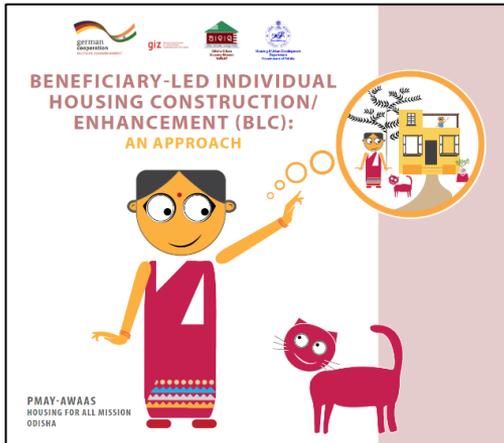
17.12.2018



Implemented by

giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Inclusive Cities Partnership Programme (ICPP) Activities at the State Level (Odisha and Tamil Nadu)

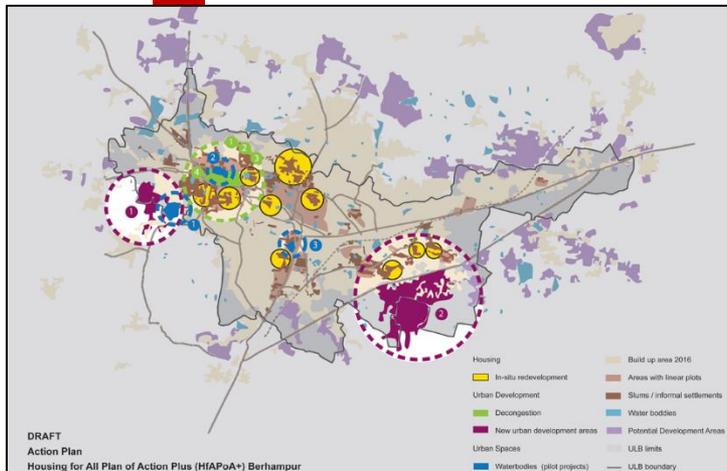


BLC approach

Rental

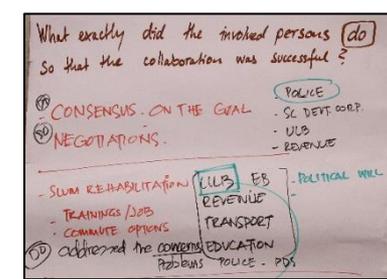
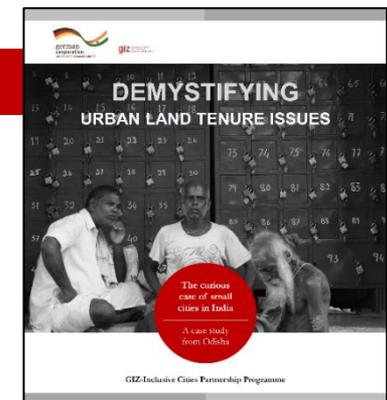


HfAPoA+



Tamil Nadu Urban Housing and Habitat Policy

Demystifying urban land tenure issues



Soft skills workshop

(GDS)



Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

Beneficiary-Led Housing Construction (BLC) – An Approach



Popularising

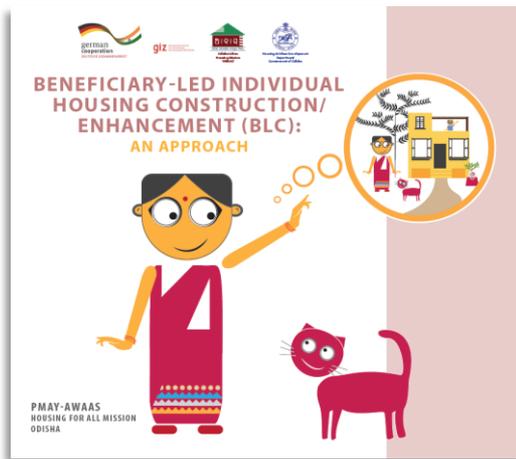




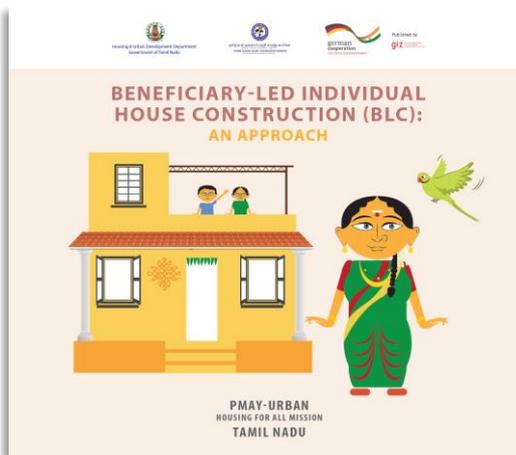
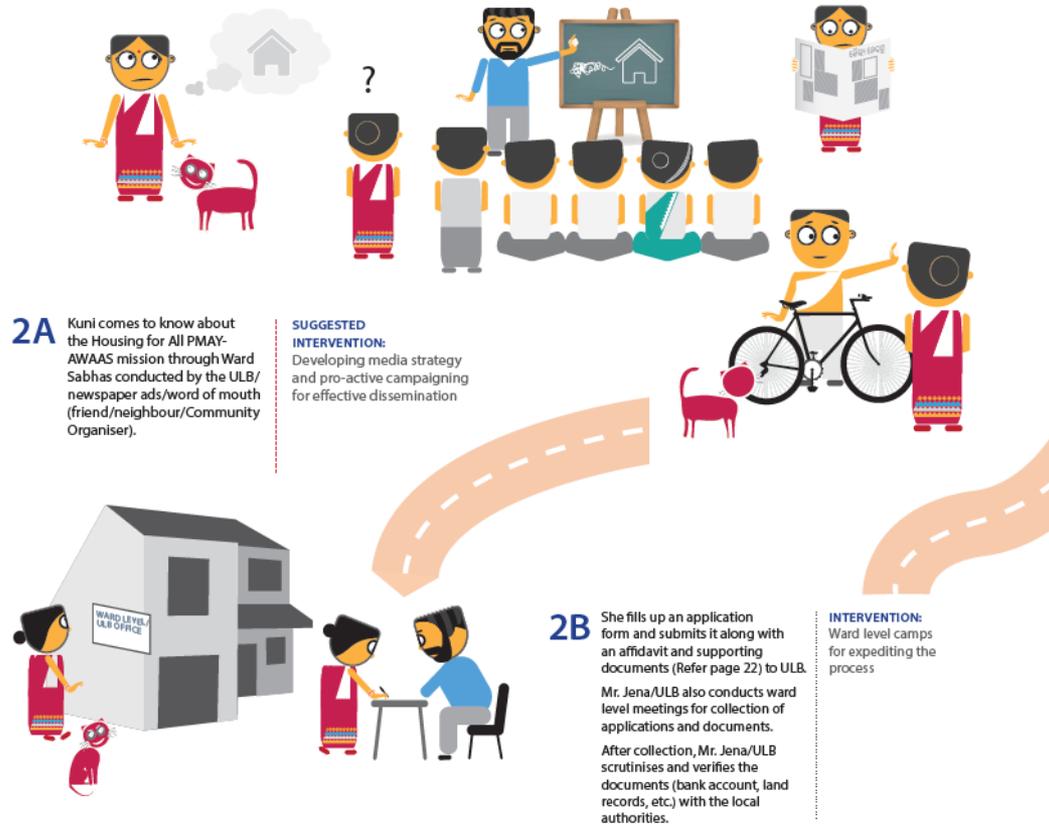
Implemented by



Beneficiary-Led Housing Construction (BLC) – An Approach



COMPONENT 2: IDENTIFICATION OF BENEFICIARIES





Implemented by



Beneficiary-Led Housing Construction (BLC) – An Approach

COMPONENT 3: PREPARATION OF DETAILED PROJECT REPORT (DPR)



3A

Based on the final list of beneficiaries, ULB/Mr. Jena finalises the boundary of the final intervention cluster (Map 4).



3B

Plots are mapped within the final cluster boundary (Map 5).



3C

Possible dwelling unit (DU) design options in consultation with beneficiaries are developed based on typical plot sizes/shapes.



3D

Assessment of existing and proposed infrastructure networks is done for linking the households to basic services.



3E

Infrastructure proposals are developed/detailed based on synergies with other missions, etc. (Map 6 & 7).



3F

ULB/Mr. Jena prepares the cost estimates and Implementation Plan including financing options for beneficiaries.



3G

ULB submits the final DPR through DUHS to State Level Nodal Agency (SLNA).
SLNA submits the DPR to State Level Appraisal Committee (SLAC) for technical appraisal.



3H

SLAC recommends to the State Level Sanctioning and Monitoring Committee (SLSMC) for approving the DPR.
SLSMC approves the DPR, and submits the project proposal to the Central Sanctioning and Monitoring Committee (CSMC).



3I

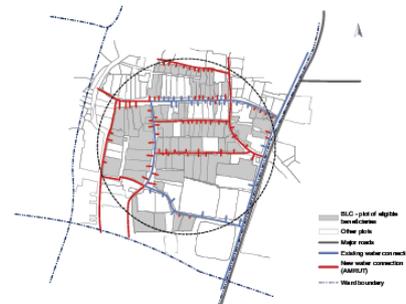
CSMC accords approval for central assistance, and releases fund to the State for disbursement through Direct Benefit Transfer (DBT).



Map 4: Revised boundary of the Intervention Cluster no. 5



Map 5: Plotting of eligible beneficiaries within Cluster



Map 6: Infrastructure planning (water supply) in Intervention Cluster



Map 7: Infrastructure planning (sewerage network) in Intervention Cluster

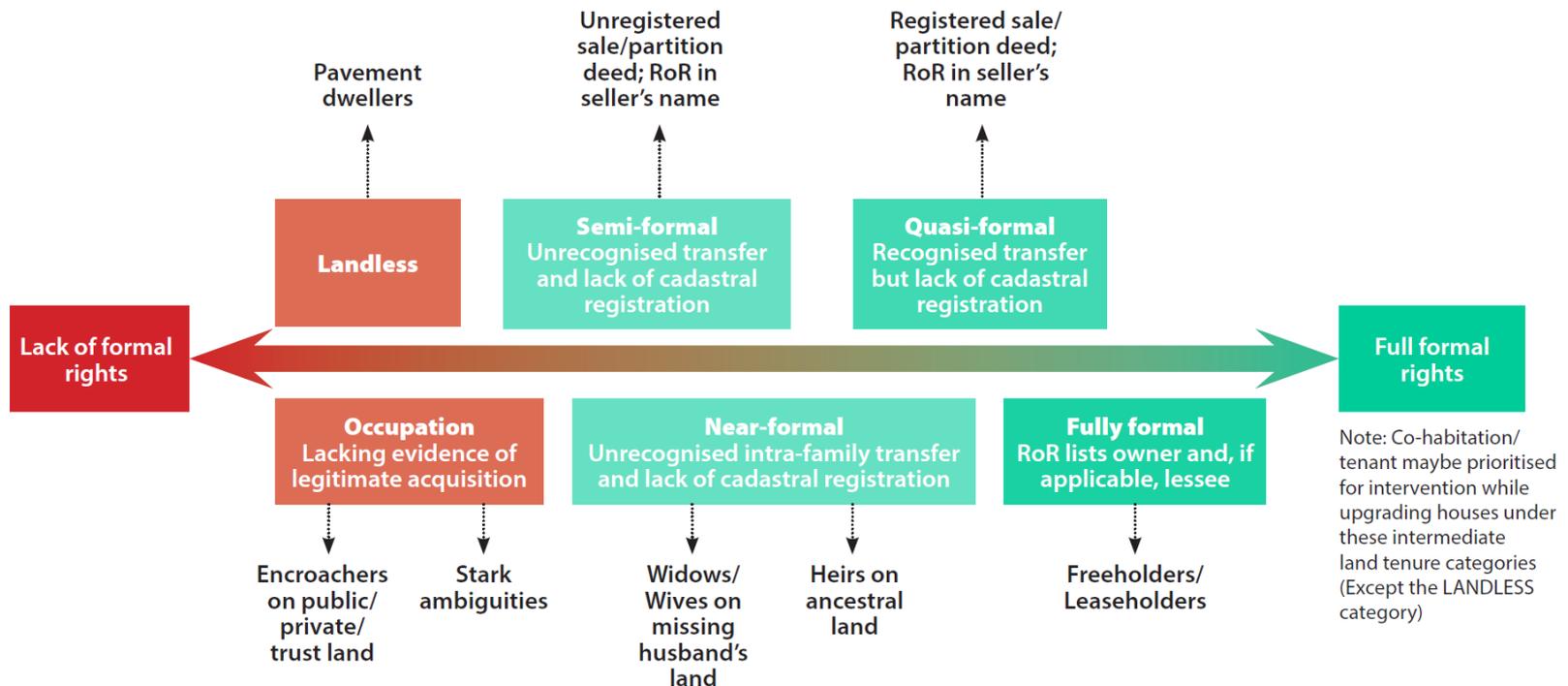


Implemented by

giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Demystifying Urban Land Tenure Issues: Case study from Odisha

Tenure Continuum





Implemented by



Demystifying Urban Land Tenure Issues: Case study from Odisha Process Map

CASE 2: Ownership is in the name of deceased father/husband, and there is a single heir.





Implemented by

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH

As a federal enterprise, GIZ supports the German Government in achieving its objectives in the field of international cooperation for sustainable development.

**Published by
Deutsche Gesellschaft für Internationale
Zusammenarbeit (GIZ) GmbH**

Registered offices, Bonn and Eschborn, Germany

Sustainable Urban and Industrial Development

**B-5/2, Safdarjung Enclave, New Delhi 110029
T +91 11 49495353
F +91 11 49495391**

**E tanja.feldmann@giz.de
I www.giz.de**

**Responsible:
Tanja Feldmann**

**URL links:
Responsibility for the content of external websites linked in
this presentation always lies with their respective publishers.
GIZ expressly dissociates itself from such content.**

**On behalf of
German Federal Ministry for Economic Cooperation and
Development (BMZ)**