

- Pitch Corner SMDC 2022 -

Vivre Avec l'Eau

Sénégal, Dakar

MANDU consulting

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MANDU | architecture & urbanizm



Codatu



CLIMATE
CHANGE

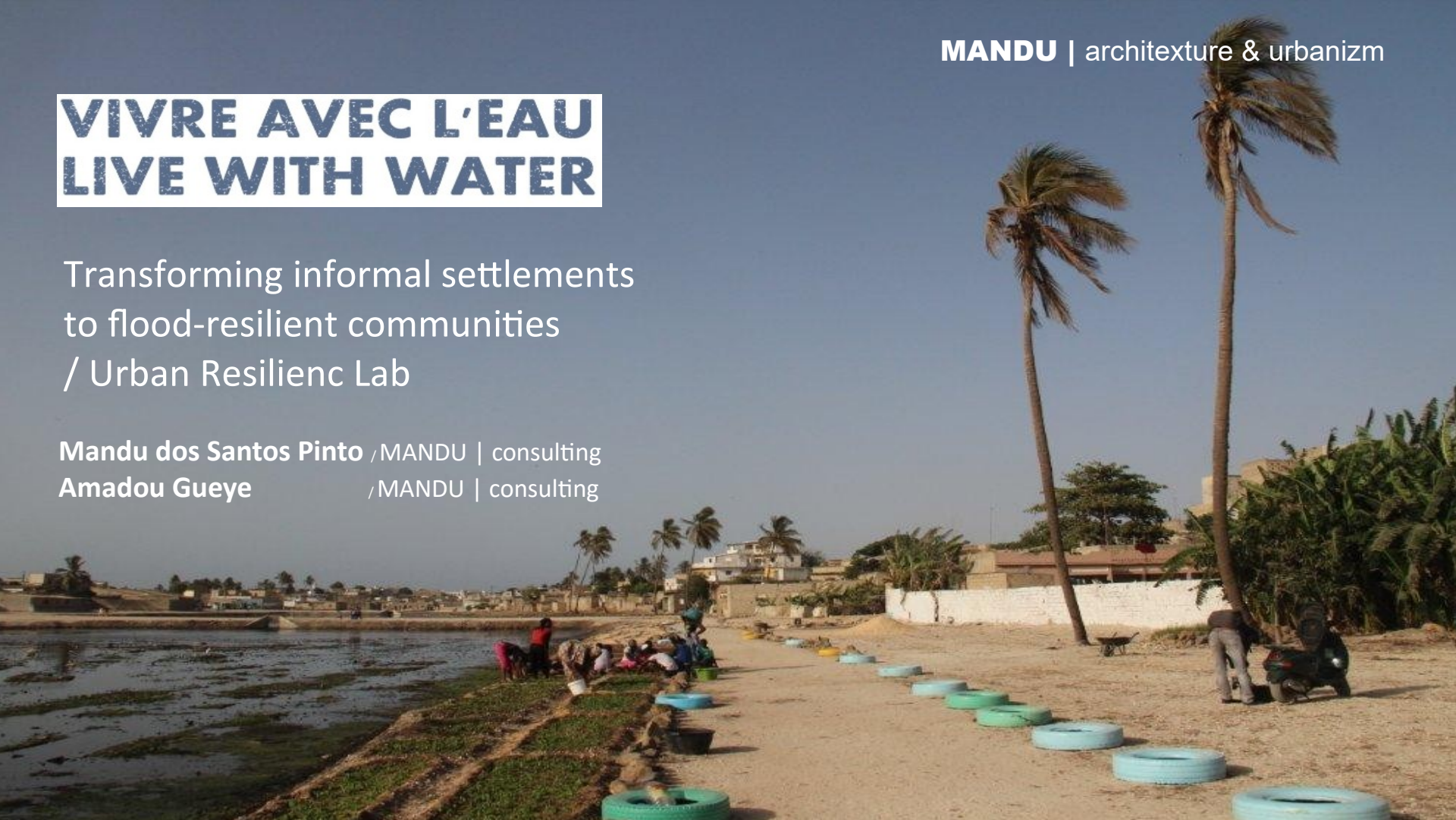
En collaboration avec :



VIVRE AVEC L'EAU LIVE WITH WATER

Transforming informal settlements
to flood-resilient communities
/ Urban Resilienc Lab

Mandu dos Santos Pinto / MANDU | consulting
Amadou Gueye / MANDU | consulting



Context



STAGNANT WATER

“Everything was unsafe and there were a lot of diseases.”

Mamadou Ndiaye, neighbourhood delegate Bene Baraque

Context



WASTE POLLUTION

“Before, the lakes were a source of problems.”

André Honoré Mbengue, chairman of flood committee Bene Baraque

Context



VULNERABILITY
“No playground or spaces
for young people.”

Lamine Dieng, sport and recreation association

Integrated approach



Participation



EMPOWERED COMMUNITY

Continuous participation ensuring
community ownership

Capacity building



KNOWLEDGE TRANSFER

Fostering transformational
change through strengthening
key actors

Private sector engagement

STIMULATING ENTREPRENEURSHIP

Sustainable change through market-based solutions



Infrastructure



WATER EVACUATION
Intelligent drainage systems
for densely populated areas

Infrastructure



SANITATION

Simplified sewerage system
promotes public health

Waste



ACTION DAYS
Cleaning neglected public
spaces with the full community

Waste



WASTE MANAGEMENT SYSTEM

Generating income also for women through waste management cooperatives

Urban gardening



MARKET GARDENING
Generating new income opportunities

Urban Greening



50 familles

Economical Potential

The economical concept of the Water Harvesting and Urban Greening component is very interesting. Within 2 Months only of the pilot phase already 50 families could benefit from additional income generated through the urban gardening plots around the « Niaye »

Urban greening



REVITALISED URBAN SPACES

Public spaces transformed into recreational areas

Remember?



Live-With-Water



Urban Resilience Lab



Urban Resilience Lab

Building a regional hub for urban resilience



Live-With-Water

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