

# ARCHITECTURAL RESEARCH OF APPROPRIATE BUILDING TECHNOLOGIES

# 2

## 2A BUILDING PRINCIPLES & LEARNING FROM MAKOKO



Photography:  
NLÉ

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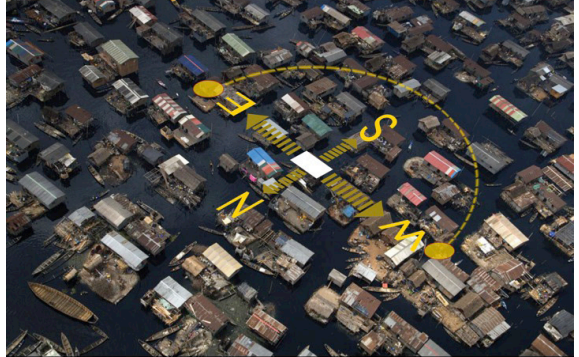
MAKOKO FLOATING SCHOOL — AFRICAN WATER CITIES PROJECT

# COLLECTIVE INTELLIGENCE

CIRCULATION



ENVIRONMENTAL TECHNOLOGY



ORGANISATION



PLANNED/ORGANIC?





## BUILDING MAKOKO

Building on water is a challenge. Over the years, the builders and craftsmen of Makoko have mastered the art of building on stilts. Their continually improving skill now allows them to build multi-storey buildings.

Wood is the most common building material in Makoko. The local sawmill industry makes lumber readily available. This local wood is very durable and resilient against the harsh conditions of the Lagos Lagoon.

Traditionally the roofing is thatched. Today corrugated steel and aluminium plates are more common, though thatched roofs are still widespread.

The people of Makoko use their scarce resources to build structures on water, relying heavily on the local supply industries. With the appropriate expertise, there is a strong opportunity for innovation for the future.



Local Building Technology



Pitched Roof

