A DIGITAL MARKET & WOMEN CENTER
IN AROUMIATTE, MOROCCO
CONTENT

URBAN DESIGN - ENSEMBLE - DIGITAL MARKET - WOMEN CENTER
13 HOUR BUS TRIP
URBAN VISION
1. URBAN SQUARE
2. MARKET & MEETING SQUARE
3. RELIGIOUS SQUARE
URBAN VISION

+30 YEARS
URBAN VISION self supporting

1. PLASTIC RECYCLE FACTORY
2. SOLAR ENERGY FACTORY
CONCEPT function

history

- island in desert
- power in trade
- network was broad
- richness of culture and wealth
CONCEPT function

**history**
- island in desert
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**now**
- island in desert
- transportation changed
- network is bordered by desert
- isolated
CONCEPT function

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**future**
- Island in desert
- Knowledge and opportunities of internet
- Network will broaden
- Trade spirit will speak

DIGITAL MARKET

for network and trading
CONCEPT function

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DIGITAL MARKET
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Ksar in the desert
- Men as head of the family
- Men work
- Women do the household
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**Men leave to the city to work**
- Women stay behind, alone with the young children
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**DIGITAL MARKET**
for network and trading

**WOMEN CENTER**
for meeting, developing and managing

- Ksar in the desert
- Men as head of the family
- Men work
- Women do the household

- Men leave to the city to work
- Women stay behind, alone with the young children

- Children go to school or daycare
- Women learn at the women centre
- They will manage their own business
- Their power will speak
PUBLIC ROUTE
PUBLIC ROUTE
CONCEPT  relation to village
CONCEPT  relation to village
CONCEPT  relation to village
CONCEPT  relation to village
CONCEPT relation to village
CONCEPT relation to village
CONCEPT  relation to village

Digital Market

Women Center
CONCEPT  relation to village
CONCEPT relation to village
CONCEPT relation to village
CONCEPT  relation to village
CONCEPT  relation to village
CONCEPT  relation to village
CONCEPT ensemble

North facade
CONCEPT ensemble
CONCEPT ensemble

Flat surface of one material

Ornament with combined materials
CONCEPT ensemble

Flat surface of one material

Ornament with combined materials
CONCEPT ensemble
CONCEPT ensemble
CONCEPT ensemble

+ easy, modern looks, resistant to rain, less dust

- bad for environment, damage of cultural heritage, expensive, less thermal mass
CONCEPT ensemble

reinforced mud bricks and finishing
CONCEPT ensemble

PLASTIC FACTORY

PLANTED TREES
47% CONIFER
40% EUCALYPTES
13% BROADLEAF TREE

WOOD Plastic
CONCEPT ensemble
CONCEPT ensemble
CONCEPT ensemble
CONCEPT

village  market  house
CONCEPT

WALL

village

market

house
CONCEPT

SECTION

village  market  house
CONCEPT

VOLUME

village

market

house
SECTION 1

Section 1: gathering
market
cinema
tearoom
PUBLIC ROUTE
GATHERING
GATHERING
GATHERING
ORNAMENT

- plastic cover
- plastic beams
- wooden beams
- steal beam
OPEN/CLOSED
Section 1: gathering
  market
  cinema
  tearoom

Section 2: trade
  internet
  market
  tearoom
SECTION 3

Section 1: gathering
market
cinema
tearoom

Section 2: trade
internet
market
tearoom

Section 3: networking
internet
market
tearoom
garden
SECTION 4

Section 1: gathering
market
cinema
tearoom

Section 2: trade
internet
market
tearoom

Section 3: networking
internet
market
tearoom
garden

Section 4: knowledge
internet
study
ENTRANCES WALL & management
ORNAMENT

- Mud floor
- Base profile
- Eucalyptus beams 150x60mm
- Recycled molded granite plastic dome 50mm
- Recycled molded granite plastic lumber panels 20"x100mm
- Recycled molded granite plastic table
- Recycled molded granite plastic panel 20"x100mm
- Recycled molded granite plastic click flooring 30x90mm
- Waterproof membrane
- Recycled molded granite plastic chevin
SOLAR ENERGY
SECTION 4

Section 1: gathering
  market
  cinema
  tearoom

Section 2: trade
  internet
  market
  tearoom

Section 3: networking
  internet
  market
  tearoom
  garden

Section 4: knowledge
  internet
  study

Section 5: hidden meeting place
  water and plants
HIDDEN MEETING PLACE
CONCEPT

ROAD

PROTECTING WALLS
COLLECTIVE COURTYARD
AS MEETING PLACE

INVERSE
ROAD
MEETING PLACE OUTSIDE
PROTECTED INSIDE
CONCEPT
CONCEPT

MEET

DEVELOP

MEET
CONCEPT
WOMEN MARKET
WOMEN MARKET
ORNAMENT
ORNAMENT
outside inside

- Plastic set-element 75*156 mm
- Recycled plastic panel 100*330*600 mm
- Recycled plastic window frame 80*185 mm
- Recycled plastic shutter (made of 100 mm thick 700*20 mm plastic panels)
- Mud finishing on the interior layer 10 mm
- Mud bricks 3000*1800*1800 mm (mixed with lime and cactus juice)

HORIZONTAL // OPEN
ORNAMENT
HAMAM hot water system

1. Water well
2. Pump (on solar energy)
3. Cold water reservoir (1x for tap water and 1x for floor heating)
HAMAM hot water system

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2. Pump (on solar energy)
3. Cold water reservoir (1 x for tap water and 1 x for floor heating)
4. Evacuated tube collector
9. Hot & cold tapwater
HAMAM hot water system

1. Water well
2. Pump (on solar energy)
3. Cold water reservoir (1x for tap water and 1x for floor heating)
4. Evacuated tube collector
5. Hot water reservoirs
6. Back-up heating system
7. Wood storage
8. Hot & cold tap water
1. Water well
2. Pump (on solar energy)
3. Cold water reservoir (1x for tap water and 1x for floor heating)
4. Evacuated tube collector
5. Hot water reservoirs
6. Back-up heating system
7. Wood storage
8. Floor heating system
9. Hot & cold tapwater
HAMAM wastewater system
HAMAM  vaults & domes
HAMAM  vaults & domes
WINDCATCHER
Steel tube
painted black
acting like solar chimney
FLEX SPACE
Flex space empty
Flex space filled with rooms
FLEX SPACE

Flex space empty
Mud layer & plastic tiles

Recycled plastic beams

Eucalyptus wooden beams
60x50mm

Eucalyptus wooden beams
200x75mm

Steel plate with bolts

Wooden fillblock

Wooden beam
100x50mm

Wooden beam
200x75mm
ORNAMENT
ROOF TERRACE
ROOF TERRACE
HIDDEN MEETING PLACE
HIDDEN MEETING PLACE
HIDDEN MEETING PLACE
POSSIBLE FUTURE...

Women center -> pottery open for tourists

Digital Market -> hotel