Vivid stripes

Machis Analaton Square

**W5**

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analysis of broader area _ potentials

vision of a potential upgrade of broader area of neos kosmos

the square as a core that activates the urban green network
site analysis _ potentials

(+): welcoming character-packet
(+): water feature
(-): low maintenance
(-): hardscapes - non bioclimatic materials
(-): exposed area to sun
(-): roadside parking

(+): perspective
(+): linear movement - axis

(-): pollution, noise, exposed area to sun
(+): high vegetation
(+): interesting contrast of low and high vegetation
(-): lack of activities

(+): potential collective space
(-): lack of social interaction
(-): lack of safety
(-): lack of maintenance

LEGEND

MATERIALS
VEGETATION
HARDSCAPES
WATER FEATURE

GROUND LEVEL USES
TRADE
RECREATION
SERVICES

21 MARCH
21 JUNE
21 SEPTEMBER
21 DECEMBER
Vivid stripe

Goals - Ecological approach

- Bioclimatic materials
- Exploitation of discarded urban materials
- Natural resources – urban green
- Water management
- Social sustainability
- Environmental consciousness
- Low energy lighting systems
- Pedestrian > car
ecological approach _ materials

LEGEND

MATERIALS

STABILIZED SOIL - COOL MATERIALS
ground soil with nanotechnology
additives + pozolanic additives 120kg/m³
+ colour sand

NATURAL SOIL
slightly compacted -
random fields of urban biodiversity

CONCRETE SLABS - COOL MATERIALS
apparent - 30% white cement
cool material
+ photocatalytic nanocomposites

WOODEN PLATFORM
wooden beams with joints

SITTING ELEMENTS
- DISCARDED URBAN MATERIALS
gabion walls - excavation discarded material
with sitting area of wooden beams

ENERGY SAVING METHODS

LIGHTING SYSTEMS - LED -
low energy consumption
PHOTOVOLTAIC PANELS
ecological approach _ vegetation
ecological approach _ water
ecological approach _ social sustainability

- eco point
- collective space 1 - urban zone extroverted character
- collective space 2 - park - garden communal dry gardens
- potential zone of recreation
- collective space 3 gathering space for the neighborhood
space qualities
Vivid stripes

Thank you!

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