ETERNA

Wellspring for the future in the past

BY JIP COLENBRANDER
A STORY

Evi
A STORY

Kampung Braga

Historical city centre
A STORY

Kampung Braga

Historical city centre

Bandung
A STORY

Kampung Braga

Historical city centre

Bandung

Indonesia
A STORY

Evi
‘Water is the driving force of all nature’
- Leonardo da Vinci
GLOBAL CHALLENGE

UN sustainability goal

6 CLEAN WATER AND SANITATION
CONTENT

1. Ambition

2. Strategy

3. Implementation

4. Impact
RESEARCH

Relationship between people and water

Historical City of Bandung

Kampung Naga
RESEARCH

Evi | Kampung Braga
RESEARCH

Pac Ucuk | Kampung Naga
‘We should give back the water clean to the river’

Pac Ucuk - KAMPUNG NAGA
Deal with the challenge of solving the **wider societal water problem** while **conserving heritage** and creating an opportunity for **escapism** within the bustling city.
CONCEPT

Awareness

Space for water, green and heritage  Overtaken by people and traffic  Create a place to breathe, escape  Reconnect people with water
Urban | Program | Building
URBAN STRATEGY - Historical centre
Urban | Program | Building
PROGRAM STRATEGY

Scales of impact

Ecological water cycle

Societal water problem

Cycle of cleaning your body and mind

Personal nourishment
PROGRAM STRATEGY

Ecological water cycle

“We envision a world in which natural treatment systems are at the heart of our industries and cities and *reintegrate human life back into the biological cycle.*”

- John Todd, Living machine

Source: Omega centre for sustainable living
ECO WATER SYSTEM

Ecological water cycle

Filtered water distribution and use

Waste water collection and filter

Clean water distribution and use

Rainwater collection and filter
‘And unlike the dry stats and deepening foreboding of news reports on drought and flooding, bathing creates a way for us to reconnect to water more intimately and profoundly through our senses. Surely it’s no coincidence that this should happen at a time when climate change is forcing awareness of our precarious relationship to water and the realities of a water-stressed future.’

- Jane Withers, design consultant and curator of the soak, steam, dream exhibition of 2017 focused on the future water challenge
Circle of moments of escape

- chaotic city
- prepare to go
- meet
- sit down
- relax
- wash
- escape
- read
Circle of moments of escape

- hustle and bustle
- prepare to go
- have a cup of tea
- breathe
- wash
- escape
- stream
- read
Ecological water cycle

Societal water problem

Cycle of cleaning your body and mind

Personal nourishment
PROGRAM STRATEGY

Circle of moments of escape

- hustle and bustle
- have a cup of tea
- breathe
- wash
- escape
- stream
- prepare to go
- read

ECO WATER SYSTEM
LOCATION

Rumah Seni Ropih | Eterna Stocker
LOCATION

Why this site?

Historical city

Water traces

Connection

‘Create a showcase for similar circumstances in the world’
BUILDING STRATEGY

DNA of the building
BUILDING STRATEGY

DNA of the building
HISTORICAL VALUE

Original facade elements
BRAGA STREET

Commercial part
Possibly built as a cinema in ± 1915
HISTORICAL VALUE

Fabric

- Original façade element
- Tin pressed ceiling
IN BETWEEN

Connection
USE VALUE

Connecting the commercial and residential part of the building
RELATIVE ART VALUE

Fabric

• Robust structure
ENCLOSED GARDEN

Residential part
RELATIVE ART VALUE

Fabric

• Robust basement
DNA BUILDING

Ensemble of three different parts
How can we adapt these strategies to the building?
INSPIRATION

Program adaption

• Entrances
INSPIRATION

Program adaption

• Entrances
• 3 parts
INSPIRATION

Program adaption

• Entrances
• 3 parts
• support | provide
INSPIRATION

Program adaption

- Entrances
- 3 parts
- support | provide
- the node
INSPIRATION

Program adaption

- Entrances
- 3 parts
- support | provide
- the node
- Enclosed garden to escape
CIRCULATION

Cycle of personal nourishment
CIRCULATION

Ecological water system

Filtered water distribution and use
Clean water distribution and use
Rainwater collection and filter
Waste water collection and filter
CONCEPT

Tools of awareness for shared heritage

‘Traces of a shared rich past that are seen as an inspirator for a sustainable future’
CONCEPT

Tools of awareness for shared heritage

‘The design is not only making people aware of the future in which we can live with water and reconnecting people with nature, but also making people aware of what we can learn from the past and show the different layers in the building by creating contrast and distance’
3 | IMPLEMENTATION
DNA BUILDING

Ensemble of three different parts
SECTION OF MOMENTS

teahouse, the node, taman tertutup
SECTION OF MOMENTS

ecological water system

collect waste water
filter waste water
collect/filter rainwater
use clean water
distribute filtered water
SECTION OF MOMENTS

Cycle of personal nourishment

hustle and bustle → sit down → have a cup of tea → breathe → wash → escape → stream
SECTION OF MOMENTS

teahouse, the node, taman tertutup
ETERNA

teahouse, the node, taman tertutup
ENTRANCE

Jalan Braga
ENTRANCE

Jalan Braga
ENTRANCE
Old - current
ENTRANCE
‘the in-between’
TEAHOUSE

Current
TEAHOUSE

Intervention
TEAHOUSE

New design
TEAHOUSE

Detail

- bamboo watersystem
- purifying plants
- rubber
- end grain teak flooring
- original wooden structure
THE NODE

Entrance
THE NODE

circulation

Kampung

Braga

Bathhouse

Teahouse | Braga

garden
THE NODE
‘the in-between’
THE NODE

Current
THE NODE

Intervention
THE NODE

New design
THE NODE
place to breathe

‘Levels upon robust structure
create different playfull zones
within the building’
THE NODE
levels
THE NODE
levels
THE NODE
levels
THE NODE
levels
THE NODE
light, water and green

'Connector of views, water, light and green'
THE NODE
light, water and green

'Connector of views, water, light and green'
TAMAN TERTUTUP

Entrance bathhouse
TAMAN TERTUTUP
entrance bathhouse

Bathhouse
man | woman
TAMAN TERTUTUP

Current
TAMAN TERTUTUP

New design
TAMAN TERTUTUP
water protection
TAMAN TERTUTUP
embrace enclosed garden
TAMAN TERTUTUP
section kampung
TAMAN TERTUTUP

circulation
TAMAN TERTUTUP

circulation
TAMAN TERTUTUP

design process
TAMAN TERTUTUP
bathhouse
TAMAN TERTUTUP
bathhouse
TAMAN TERTUTUP

Entrance garden
TAMAN TERTUTUP

garden and water system
TAMAN TERTUTUP
construction
TAMAN TERTUTUP

construction
TAMAN TERTUTUP
construction
SECTION OF MOMENTS

teahouse, the node, taman tertutup
IMPACT
shared heritage

‘Traces of a shared rich past that are seen as an inspirator for a sustainable future’
ETERNA

Wellspring for the future in the past
TERIMA KASIH
THANK YOU