

CO-LAND - Inclusive Coastal Landscapes

Activating green and blue infrastructure for sustainable development of the urban-land interface

Co-funded by the
Erasmus+ Programme
of the European Union



Planning blue spaces: Using analytical drawing as a tool

24.05.2019 Jekaterina Balicka, Anna Wilczynska



BlueHealth

Linking environment, climate & health



Project selection using analytical drawing: book illustration example

Anna Wilczyńska, Jekaterina Balicka,
Simon Bell, Himansu Mishra

BlueHealth is funded by the European Union's Horizon 2020 research
and innovation programme, grant agreement No 666773



172 CASES



6 GROUPS



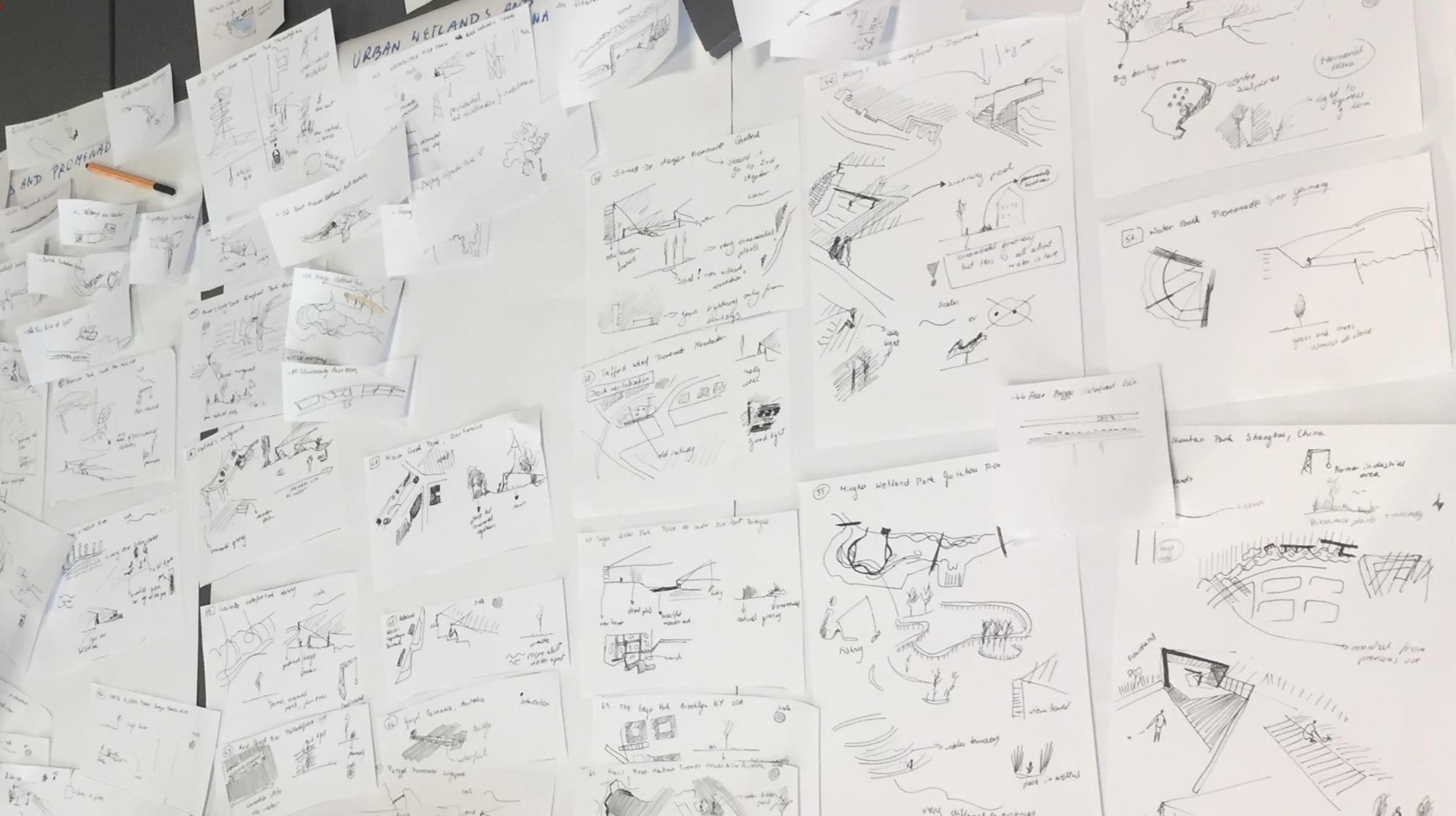
GOOD DESIGN: FUNCTION AND FORM



SUBGROUPS/ SUBCATEGORIES

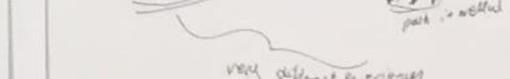
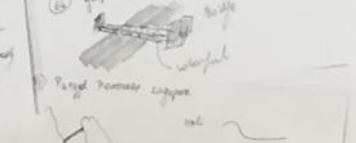
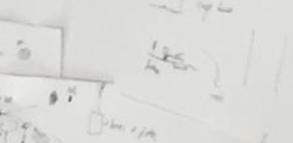
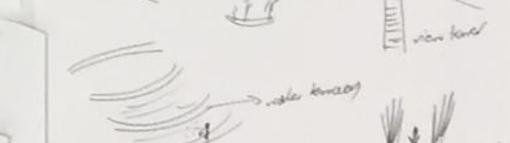
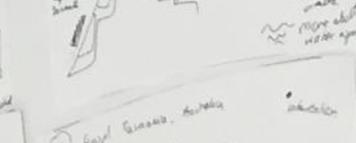
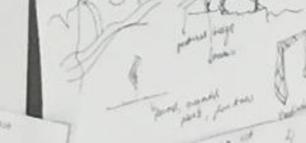
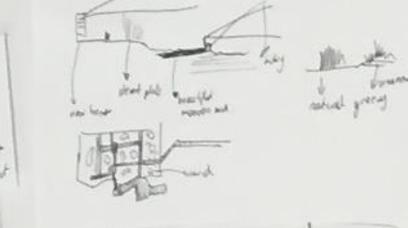
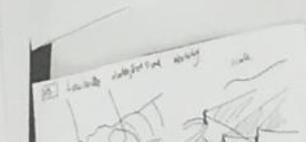
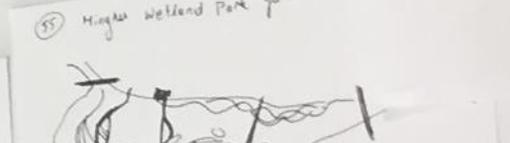
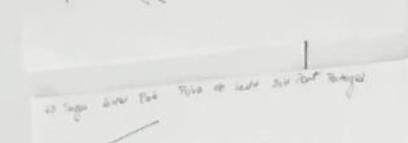
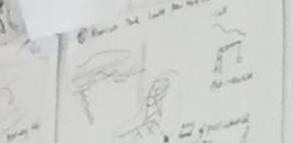
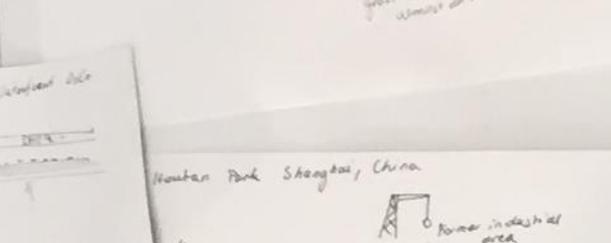
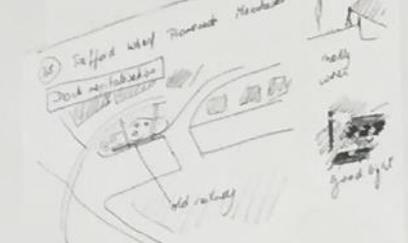
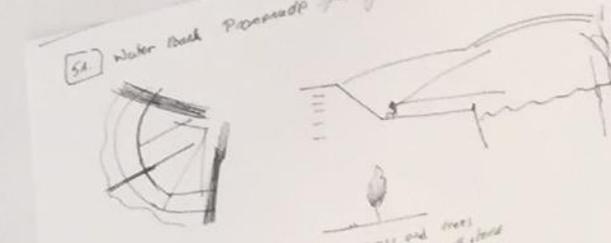
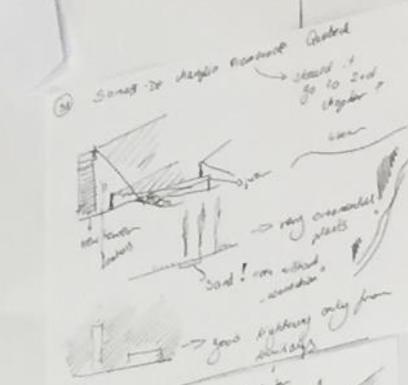
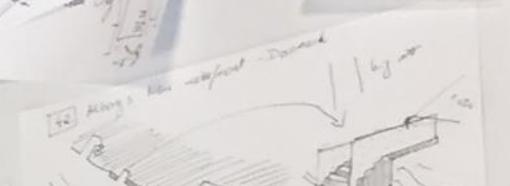
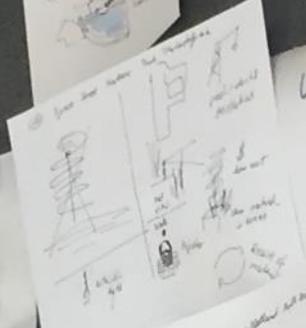


TYPOLGY



URBAN WETLANDS

AND PROMENAD



>>> size



Single object



Small site



Medium site



Large site

>>> design type/ function

N

Nature

Sn

Urban forest/
ruderal plants

Or

Ornamental
park

P

Plaza

T

Temporary/
low cost

>>> form



Multiply interventions



„One place“



Linear

>>> design type/ function

N

Nature

Sn

Urban forest/
ruderal plants

Or

Ornamental
park

P

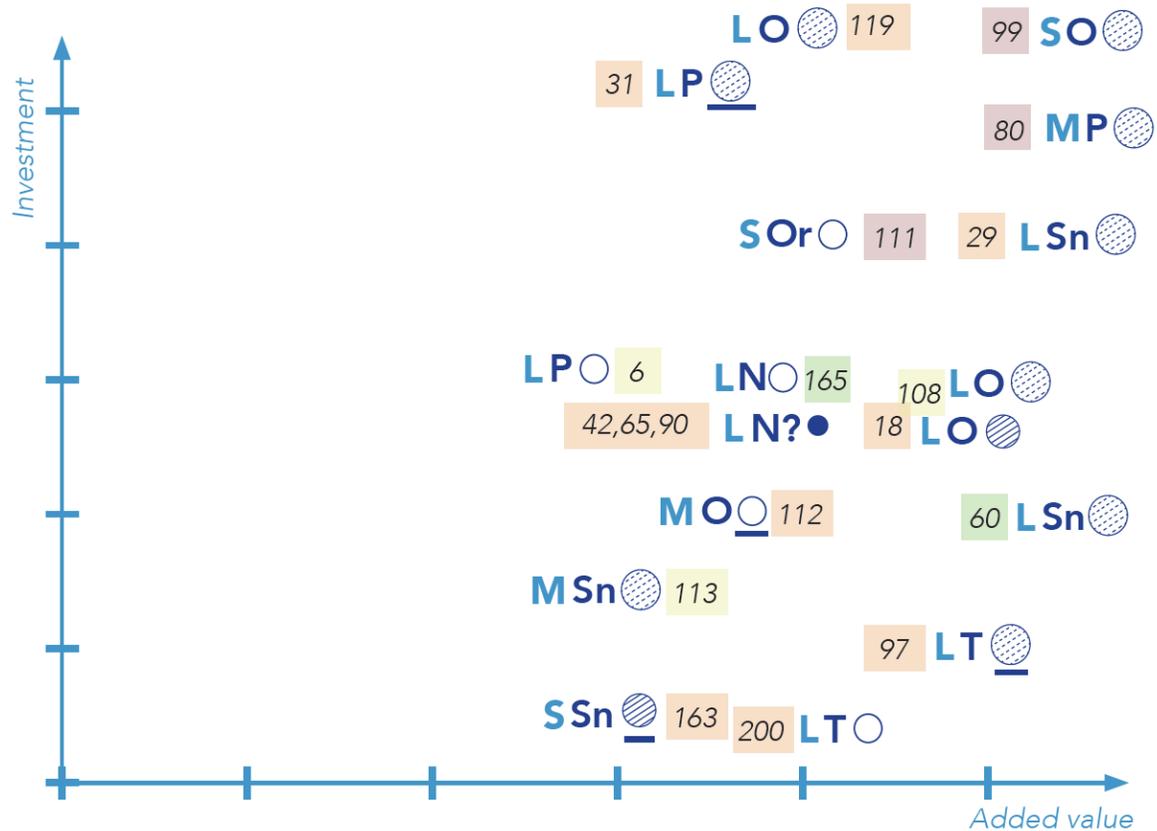
Plaza

T

Temporary/
low cost

RIVERS

+ **L** - LARGE / **M** - MEDIUM / **S** - SMALL RIVER



New identity

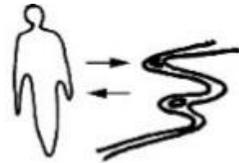
Site specific

THE TYPOLOGY OF DESIGN STRATEGIES

WHY?
main concept of the project

HOW?
Design strategy

Human and water
relation rediscovery



Re-naturalisation of a water or water ecosystem

Recovering water in an urban landscape

Recovering playfull role of the water

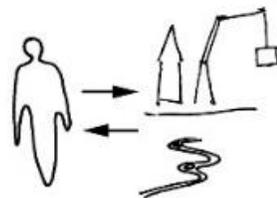
Public space
design



Water is a background element for a project

Water as a key element of a project

Post-industrial
heritage rediscovery



Bringing a traces of a post- industrial past

I Rediscovery human << >> water relation for urban inhabitants



>>> reconstructing natural landscapes connected with water.

60 / 29 / 113 / 165



*Red ribbon,
China*



*Tagus linear park,
Portugal*



*River walk Norges-la-Ville,
France*



Isar-Plan, Germany

I Rediscovery human << >> water relation for urban inhabitants

>>> recovering water in urban environment



*Cheonggyecheon River
revitalization, South Korea*



*Paris Plages,
France*



*Soestbach,
Germany*



*Kastrup Sea bath,
Germany*

I Rediscovery human << >> water relation for urban inhabitants

>>> playfulness of the water



*Rhone riverbanks, Lyon
France*



*Sea organ, Zadar
Croatia*



*Sugar beach, Toronto
Canada*



*Taranaki Wharf, Wellington
New Zealand*

II To create/revitalise public or activities space

>>> water is one of the functions or a background



*Körbecke Möhnesee
Germany*



*Aker Brygge Waterfront,
Oslo, Norway*



*Barangaroo Reserve,
Sydney, Australia*



*Holzmarkt,
Berlin, Germany*

II To create/revitalise public or activities space

>>> water is key element, project wouldn't exist without the water



*Amager Beach,
Copenhagen, Denmark*



*Saulkrasti sea park,
Latvia*



*Paprocany Waterfront ,
Poland*



*Concordia University
Lakeshore, USA*

III To discover the link to the industrial heritage of a place, former use was connected to water, project is using post-industrial aesthetics



*British Petroleum Park
Sydney, Australia*



*Erie Basin Park, NY
USA*

24 Red Ribbon Tanyne River Park China 20h



↓
sort of "being in the nature"
feeling
ecological / habitats

Scale:

 small intervention
 ribbon but
 within the site



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Interventions and processes: The Approach to Urban Acupuncture

24.05.2019 Jekaterina Balicka



Urban Acupuncture

A small-scale urban intervention, which brings big change

Jaime Lerner (2014): Urban Acupuncture

Marco Casagrande (2013): Biourban Acupuncture. Treasure Hill of Taipei to Artena

Helena Casanova, Jesús Hernández (2015): Public Space Acupuncture. Strategies and Interventions for Activating City Life.

“ However, sometimes, a simple, focused intervention can create new energy, demonstrating the possibilities of a space in a way that motivates others to engage with their community. It can even contribute to the planning process. This gets to the essence of true urban acupuncture—it needs to be precise and quick, that’s the secret. “

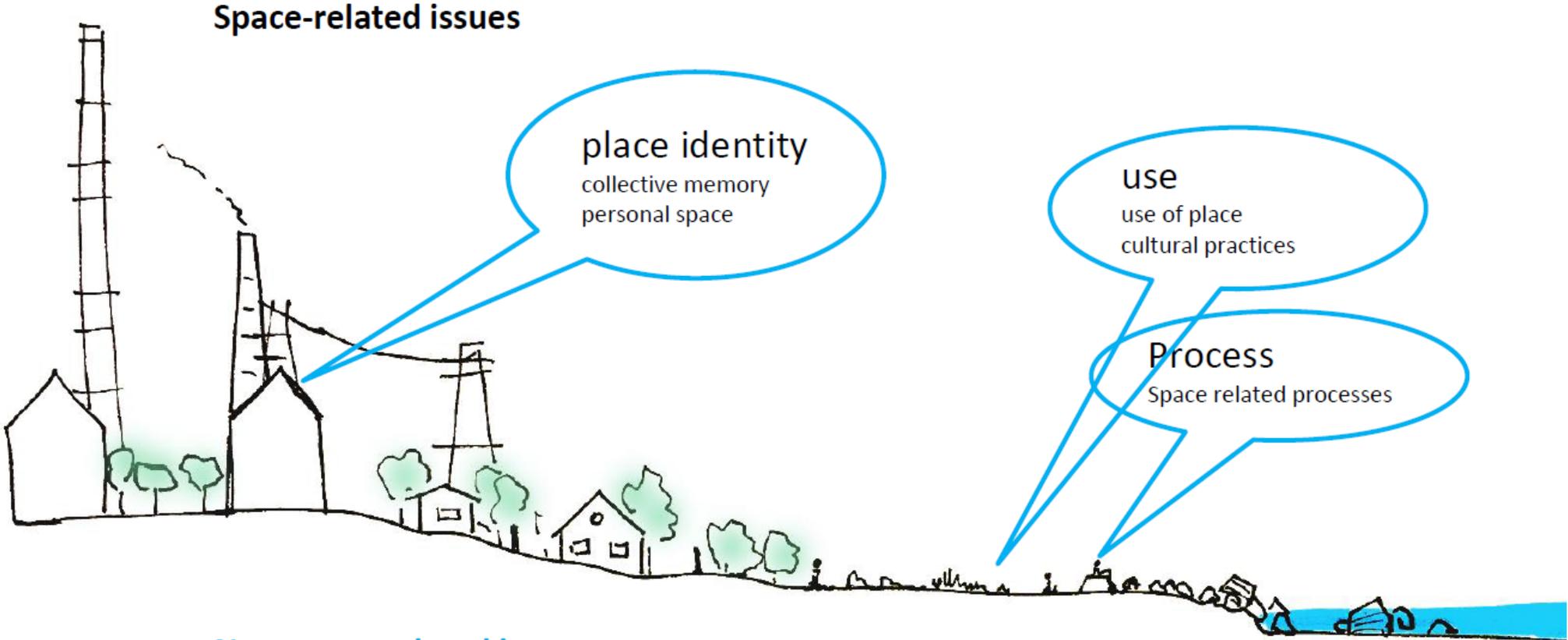
Jaime Lerner (2003): Urban Acupuncture

“ Urban acupuncture is characterized by punctual interventions through the official surface of the city which aim to establish contact between the urban collective conscious and the life-providing systems of nature, including human nature. “

Marco Casagrande

(2013): Biourban Acupuncture. Treasure Hill of Taipei to Artena

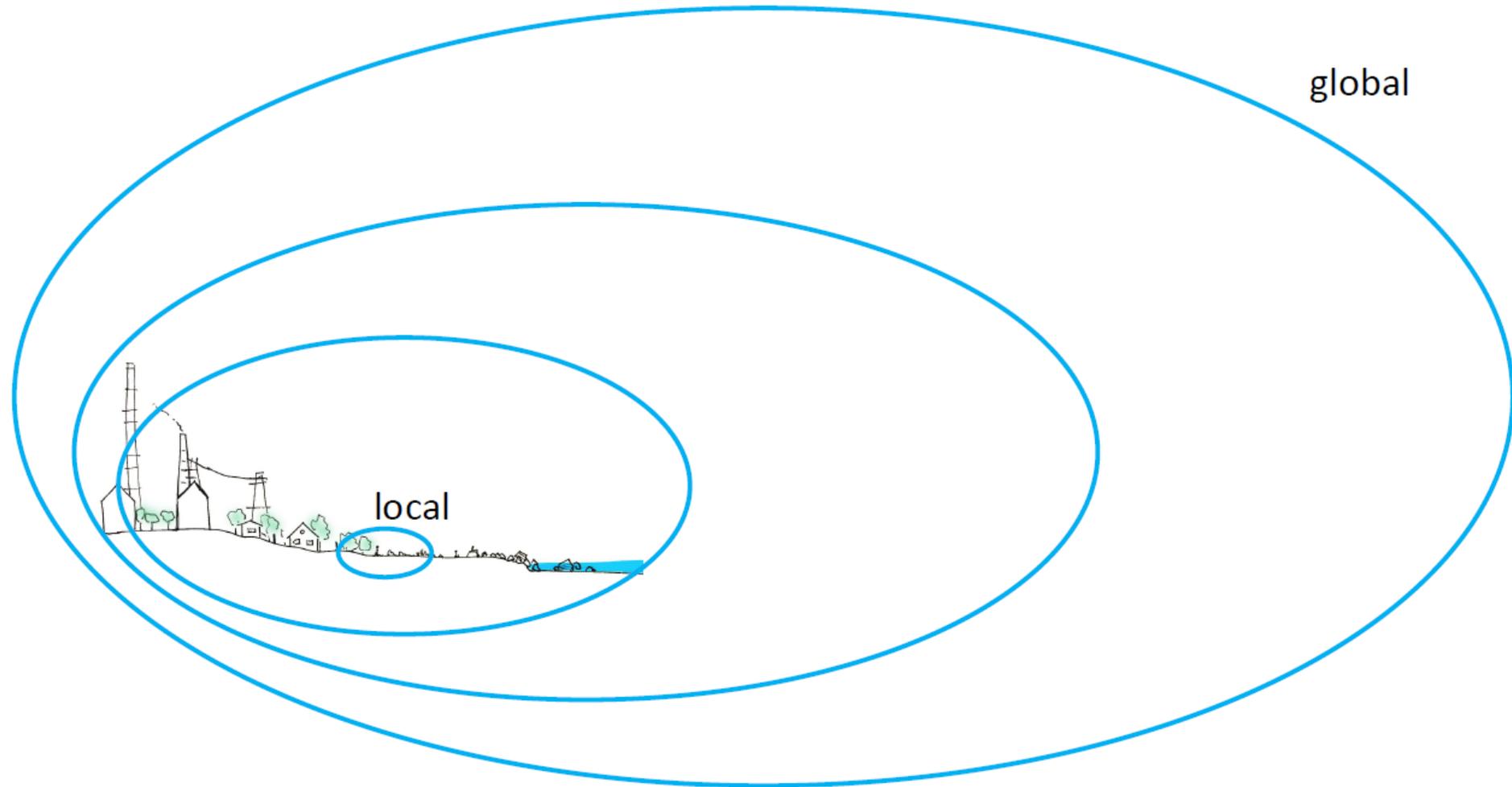
Beyond the Spatial



Non space-related issues



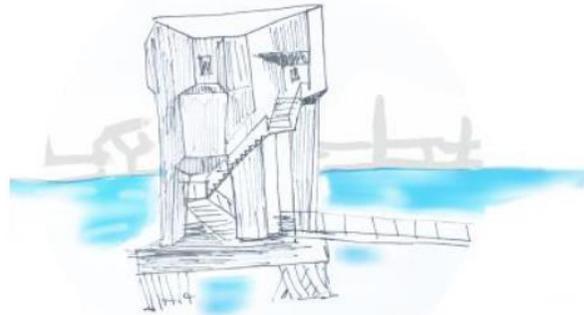
Process scale



ALLMÄNNA BADET // BATHING CULTURE

(2014) Göteborg, Sweden
by **raumlabor**berlin

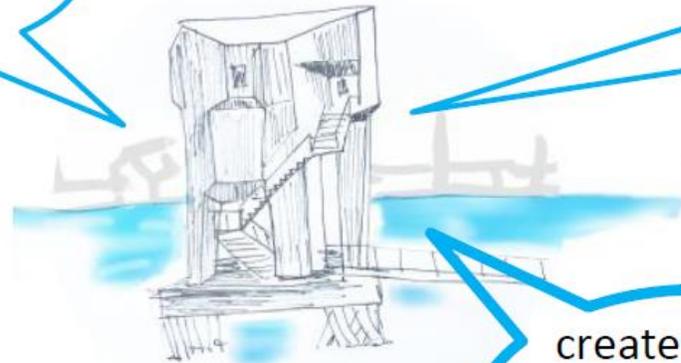
<http://raumlabor.net/bathing-culture/>



ALLMÄNNA BADET // BATHING CULTURE

(2014) Göteborg, Sweden
by **raumlaborberlin**

use
cultural practices



trend
Harbour deindustrialisation
Harbour areas revitalisation
Use of local reclaimed materials

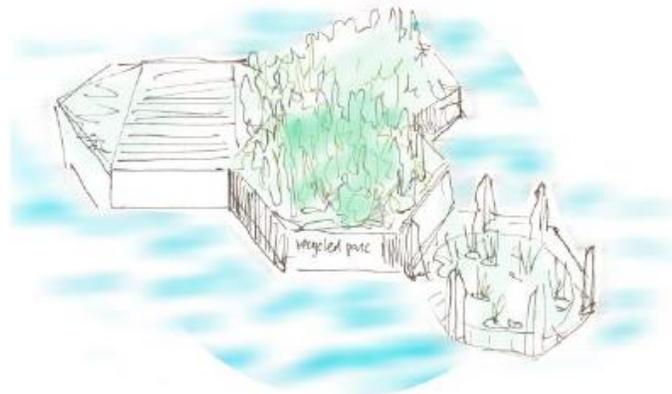
place identity
personal space
common place identity

created value
New place identity
New public space
Place for common cultural practices

recycled park// floating islands

(2016-) Rotterdam

<http://recycledisland.com/floatingpark.html>

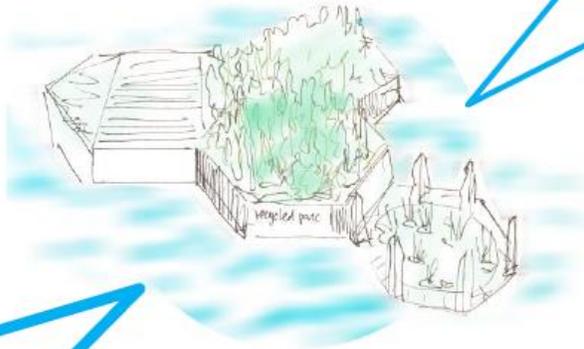


recycled park// floating islands

(2016-) Rotterdam

trend

Riverfront re-naturalisation
Water pollution
Use of recycled materials



created value

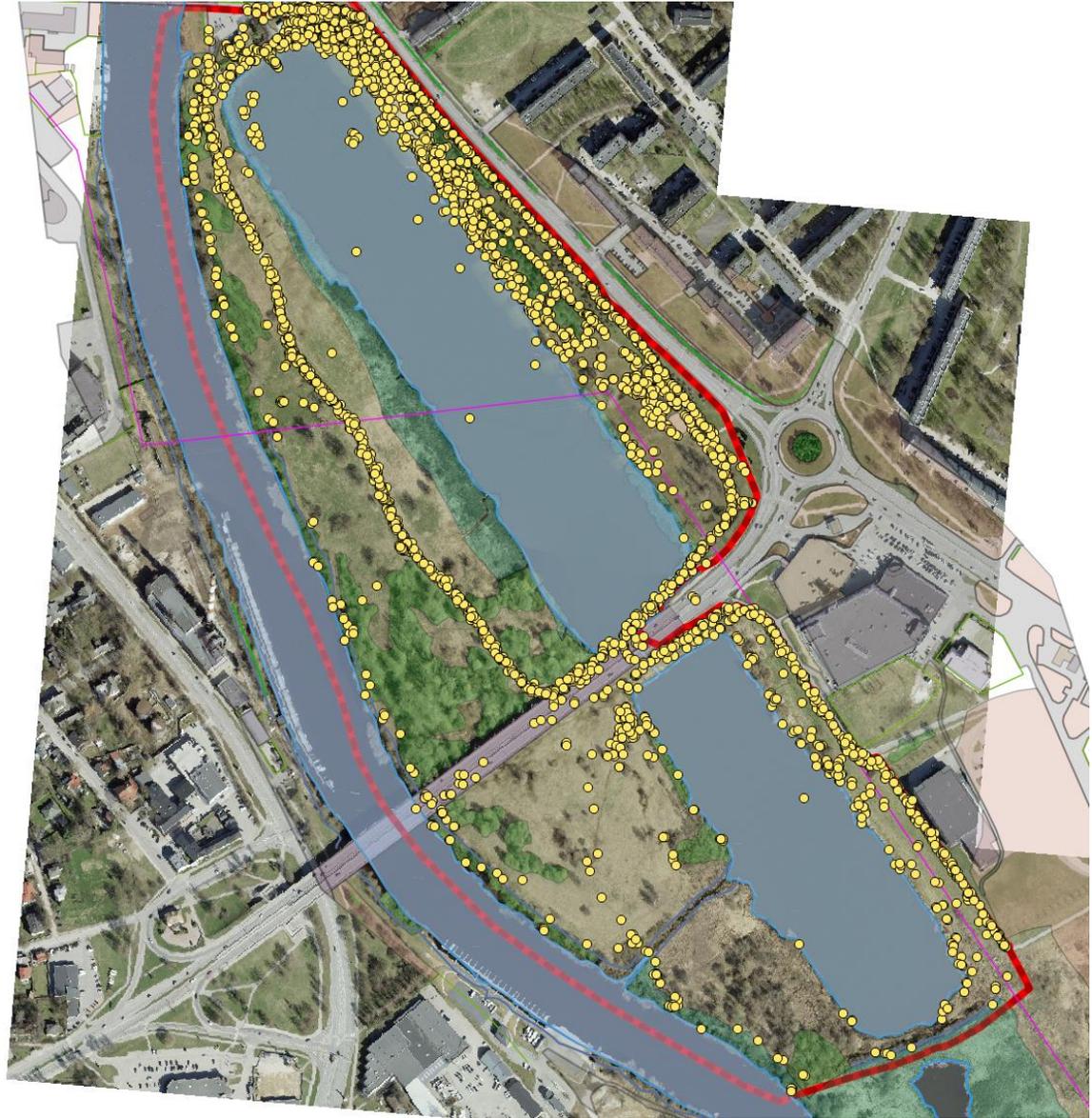
Creating awareness
Public education
Development of further
process of pollution
reduction and increase of
biodiversity

BlueHealth intervention at Annekanal

(2018) Tartu, Estonia

By EULS Landscape architecture Chair: J.Balicka, P.Vassiljev







Annekanali äärde tehakse väikeskaalaline sekkumine, **PALUN VALI ENDA LEMMIK!**

Variant



A

Umarad istumiseks sobivad puulattidega elementid, kas koos või ilma grillkohata Anne kanali ja Elmajõe vahelisel rohumaal.

Tegevused:
-grupele sobiv istumispaik
-grillimine



Variant



B

Jalutus-sillad üle pilirroo Anne kanalil veepiirini, seotuna püstitamiseks sobiva pika pingiga.

Seljatoe nurka saab sobitada vastavalt istuja soovile istuvaks või lamavaks.

Tegevused:
-Veele juurdepääs (õngitsemine, uisutamine)
-Istumine (rühmiti või üksik)
-Iebamine, päevitamine



Variant



C

Tõstetud pultplatvorm kombineerituna istumist võimaldava elementidega.

Kõrgem platvorm võimaldab vaadet Anne kanalile üle kaardametsiku.

Plink on orienteeritud lõunasse.

Tegevused:
-Istumine (1-3 inimest)
-Päevitamine
-Vastlemine



Variant



D

Metallsõrestik-platvorm koos puudust isekohitadega pakub võimaluse grillimiseks ja väikesel helikadoks Elmajõe ääres.

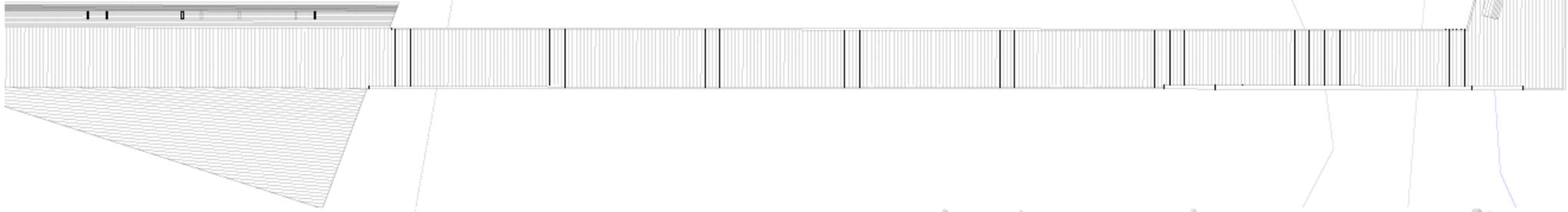
Puidust purre pakub võimaluse juurdepääsuks poodist või sisse õngitsejatele.

Tegevused

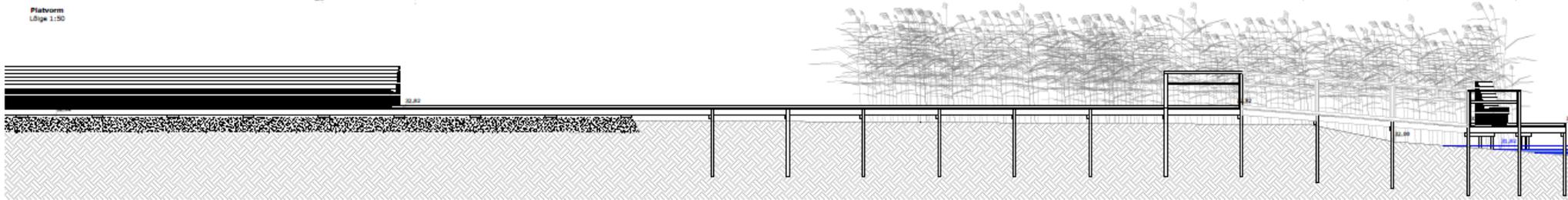
-Juurdepääs veele või veeilt (kaalastamine, paatidele minek ja sealt tulek)
-Mitmekesi istumine grillimine
-Koht üksinduseks ja/ või lõdvestumiseks



Platvorm
Plan 1:50



Platvorm
Lige 1:50



Added value

Access

Functionality

Place allowances

Place awareness

Use

Cultural practices

