CONNECTING VAASANPUUISTO

Abel Crawford, Ievgeniia Dulko, Yi Go, Yuliia Zalomaikina
VAASANPUISTO AREA
former wastewater treatment facilities
PLANS FOR THE AREA
“prime real estate”
CHALLENGES

Soil contamination

Safety

Division

Profit oriented area development
CORE CHALLENGE
Vaasanpuisto as a part of the divider
FROM DIVISION TO CONNECTION
CONCEPT

CONNECTIVITY as a tool

PLAYGROUND
CONNECTIVITY ELEMENTS

people
- inhabitants from residential areas
- different social and age groups
- diverse ethnicities

stories
- industrial legacy
- wastewater treatment plant
- Linnakaupunki Masterplan

context
- industry
- devisions
- social and ecological assets
- city vision 2029

PLAYGROUND
CONNECTING PEOPLE TO THE SOCIAL AND ECOLOGICAL ASSETS

- under-utilized buildings
- cultural assets
- ecological assets
- new housing estates
- wooden houses
MACRO-CONNECTIVITY

- **RESIDENTIAL AREAS**: pedestrian and cycle access only, access of private vehicles for the local residents only
- **CITY CENTER**: pedestrian and cyclists friendly pathways
- **KAKOLA PRISON**: pedestrian and cycle access only
- **RUISSALON KARTANO**: 5 min to the island
- **TURUN LINNA**: 10 min to central train station, 10 min to market square, 15 min to Turku University

Legend:
- Yellow: pedestrian and cycle access only
- Green: pedestrian and cycle pathways
- Blue: pedestrian and cyclists friendly pathways
ESTABLISHING NETWORK OF THE PUBLIC SPACES

- green pocket
- open space
- elevated spot
- heritage
- amphitheater & underground pathway
- green pocket
CONNECTING PEOPLE TO THE STORIES

Wastewater treatment area

Small industries

Food industry

Ship industry

Repair and metalworks

Hot dog kiosks
CONNECTING TO THE INDUSTRIAL LEGACY
available underutilized buildings around the site

POLARINST
Research and develop function as a continuation of the Polarinst research and engineering focus.

OLD TANKS
Could become public art objects View points with a hotdog kiosk on the top.

OLD STOREHOUSE
Culture function for inside and outside events: concerts, performances, exhibitions. Entrance from the plaza in front. Keep greenery on the facade. Securing the safety.
CONNECTING TO THE INDUSTRIAL LEGACY

- small industries
- repair workshops
- food industry
MICRO-CONNECTIVITY
blurring boundaries
MICRO-CONNECTIVITY
blurring boundaries
Vision for the centre of Turku
City strategy 2029

CONNECT SITE TO CITY VISION

Centre 2050:
A symbiosis of international cruisers of future logistics and a new kind of city. An opportunity for Turku to create a new centre-like area opening towards the sea and the evening sun.

Integrating the centre to the most beautiful archipelago in the world
CONNECT SITE TO CITY VISION

Important statements for Vaasanpuisto

Extending the centre-like living and vividness towards the Harbour

Integrating the centre to the most beautiful archipelago in the world

New centre-like area opening towards the sea and evening sun

Connecting Vaasanpuisto to the Turku Vision 2050

Focus on the connection to the city centre through the new ways of mobility and architectural typologies

At the same time, making the Vaasanpuisto a “experimental playground” of the lifestyle in Turku, then coping the centre-like living

How connection to the Harbour would bring the value to the quality of life?
EXPERIMENTAL PLAYGROUND as a tool to make physical, social, ecological connections
**PLAYGROUND FEATURES**

- **people**
  - inhabitants from residential areas
  - different social and age groups
  - diverse ethnicities
- **stories**
  - industrial legacy
  - wastewater treatment plant
  - Linna kaupunki Masterplan
  - industry
  - devisions
- **context**
  - social and ecological assets
  - city vision 2029

**CONNECTIVITY**
- people
- stories
- context

**PLAYGROUND**
- **play**
  - creating and learning
  - sustainable lifestyles
  - children and adults together
  - interesting vs boring
  - outdoor and indoor
- **experiment**
- **context**
  - stories
  - industrial legacy
  - wastewater treatment plant
  - Linna kaupunki Masterplan
  - industry
  - devisions
  - social and ecological assets
  - city vision 2029
PLAYGROUND FEATURES

EXPERIMENT
With lifestyle, commoning and public spaces, adaptive reuse, typology, sharing and testing new models of living, learning and spending time

PLAY
Interesting VS boring, outdoor and indoor in different seasons, active and passive, different ages
COMPONENTS of the area design

CONNECTIVITY

- people
  - inhabitants from residential areas
  - different social and age groups
    - diverse ethnicities
  - industrial legacy
    - wastewater treatment plant
    - Linnakaupunki Masterplan
  - industry
  - devisions
  - social and ecological assets
  - city vision 2029

- stories
  - co-living
    - multi-functional greenhouse
    - common kitchen with oven
    - workshops and makerspaces
    - life learning centre
    - bike and pedestrian paths
    - network of public spaces
    - water management
    - car sharing
    - tree houses and scaffoldings
    - reuse of existing buildings
    - blurring boundaries
    - floating sauna
    - BBQ areas
    - sport facilities for all
  - creating and learning
  - sustainable lifestyles
  - children and adults together
  - interesting vs boring
  - outdoor and indoor

PLAYGROUND

- experiment
- play
- of the area design
SYNTHESIS MAP
ECOLOGICAL ASSETS

WATER FEATURES
Naturally developed lakes at the place of former wastewater treatment tanks

TREES
The eastern part of area contains the valuable types of trees
REUSE OF EXISTING BUILDINGS
keeping the buildings for hosting various public activities
REUSE OF EXISTING BUILDINGS
available under-utilized buildings within the site

WAREHOUSE
School halls
(dinning area, sports, classrooms)

LABORATORY
Food and drinks on ground. Co-working.
Student Study Areas above

WORKSHOP
Makerspace Workshop and Co-working
REUSE OF EXISTING BUILDINGS

Old Storehouse
- hall for the events
- concerts
- exhibitions

Waterhouse
- public art
- food and drinks

Warehouse
- assembly hall
- study halls
- library
- theater
- food and drinks

Laboratory
- makerspace
- co-working
- food and drinks

Workshop
- repair workshops
- makerspace
- co-working

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## REUSE OF EXISTING BUILDINGS

change of activities through the day

<table>
<thead>
<tr>
<th>Existing Buildings</th>
<th>Morning 0900-1200</th>
<th>Afternoon 1200-1600</th>
<th>Evening 1600-2000</th>
<th>Night 2000-2200*</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>Assembly Hall</td>
<td>&gt;300 sqm for 600 students</td>
<td>Sports Hall? 500 sqm for a basketball court, 20 sqm per table tennis court</td>
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<tr>
<td>594 sqm, 2-storey</td>
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<tr>
<td>A2</td>
<td>Semi-Outdoor Classrooms</td>
<td>area could fit 3 classrooms, 120 students</td>
<td>Food Hall &amp; Outdoor Communal Cooking? &gt;450 sqm for 40-50 stalls &amp; tables, can be indoors and outdoors (food trucks @ A2?)</td>
<td>Semi-Outdoor Theatre? area could fit 150 seats</td>
</tr>
<tr>
<td>260 sqm, 1-storey</td>
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<td></td>
</tr>
<tr>
<td>B1</td>
<td>Food &amp; Drinks on ground</td>
<td>90(2+5) = 630 sqm for 90 people, includes seating &amp; back of house (can also expand to outside)</td>
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<tr>
<td>225 sqm, 1-storey</td>
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<tr>
<td>B2</td>
<td>Coworking and Student Study Areas above</td>
<td>540 sqm workspace for 60 people + 190 sqm for services per floor</td>
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<tr>
<td>370 sqm, 2-storey</td>
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<tr>
<td>B3</td>
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<tr>
<td>360 sqm, 3-storey</td>
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<tr>
<td>C1</td>
<td>Makerspace Workshop</td>
<td>area could fit 50 people, including machinery &amp; workdesks</td>
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<tr>
<td>750 sqm, 1-storey</td>
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<tr>
<td>C2</td>
<td>Indoor Classrooms on ground</td>
<td>ground could fit 4 classrooms, 160 students</td>
<td>Coworking above</td>
<td></td>
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<tr>
<td>390 sqm, 2-storey</td>
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<td>360 sqm for 40 people</td>
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</tbody>
</table>
# REUSE OF EXISTING BUILDINGS

change of activities through the year

<table>
<thead>
<tr>
<th>Natural Areas</th>
<th>Introduced</th>
<th>Existing Buildings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eastern Forest</td>
<td>Pedestrianised Streets</td>
<td>A1 594 sqm, 2-storey</td>
</tr>
<tr>
<td>Carnival Water</td>
<td>Greenhouse &amp; Communal Farm</td>
<td>A2 260 sqm, 1-storey</td>
</tr>
<tr>
<td>Western Greens</td>
<td>Other Pop-ups in Public Spaces</td>
<td>B1 225 sqm, 1-storey</td>
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<td></td>
<td></td>
<td>B2 370 sqm, 2-storey</td>
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<tr>
<td></td>
<td></td>
<td>B3 360 sqm, 3-storey</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C1 750 sqm, 1-storey</td>
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<tr>
<td></td>
<td></td>
<td>C2 300 sqm, 2-storey</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Winter</th>
<th>Spring</th>
<th>Summer</th>
<th>Autumn</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEC**</td>
<td>JAN</td>
<td>FEB</td>
<td>MARCH</td>
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</tbody>
</table>

### Winter Activities:
- **Outdoor Communal Cooking:** covered area can fit around 60+ people, can expand outdoors.

### Spring Activities:
- **Open House Workshop Days:** e.g. equipment teaching days, bike repair days, specific workshops.

### Summer Activities:
- **Communal Gardening**
- **Campfires?**
- **Ice Rink, Park**
- **Swimming?**
- **Floating Sauna**
- **Communal Gardening**
- **Outdoor Theatre?**

### Autumn Activities:
- **Communal Gardening (roadside)**
- **Barter Stalls? Flea Markets?**
- **Communal Gardening**
- **Communal Cooking**
- **Winter Barbeque**
- **Hammocks & Tree Structures**
REUSE OF EXISTING BUILDINGS

Outdoor cooking and eating

Makerspace workshop

Pop-up activities
LIFE-LONG LEARNING

RESOURCE FOR THE ENTIRE COMMUNITY
Learning spaces are dispersed through the entire site

EMPHASIS ON THE MULTI-FUNCTIONALITY & CONNECTIVITY
LIFE-LONG LEARNING ARENA
LIFELONG LEARNING

- Concert halls, sport, study facilities
- Dinning area, library, terrace
- Elementary classes, terrace
- Greenhouse and garden
- Open workshops
- Public study facilities
PLAYGROUND
a toolbox

M
- elevated pathway

S
- sauna
- greenhouse

XS
- urban garden
- tree house
- diy hammock

- floated terrace

- communal kitchen
TYPOLOGIES OF THE SURROUNDING NEIGHBOURHOODS

PLACE IDENTITY, PRICE CONCERNS
TYPOLOGIES OF THE SURROUNDING NEIGHBOURHOODS
UNCONVENTIONAL APPROACH TO HOUSING

MIXING HOUSING & NON-HOUSING, INTER-GENERATIONAL, MIXED ECONOMIC CLASSES, MIXED TYPOLOGIES (WOODEN HOUSES, MULTISTORY...), MIXED ETHNICITY
UNCONVENTIONAL APPROACH TO HOUSING

housing + public services, 6 storeys
mixed type of housing, 6-3 storeys
row wooden houses, 2-3 storeys
MULTIFUNCTIONALITY

BALANCING COMMERCIAL & NON-COMMERCIAL

MIX IN SPACE, TIME AND SEASONS
MULTIFUNCTIONALITY

- public study facilities
- study and sport facilities
- greenhouse
- public services on the ground floor
- build-up communal facilities

- elevated structures
- permanent structures
- temporary structures
- terrace
- floating structures
- sauna
OPEN AND INTIMATE SPACES

OPEN SPACE

INTIMATE SPACE
OPEN AND INTIMATE SPACES
FOOD FOR BRINGING PEOPLE TOGETHER

COMMUNAL GARDEN AND EDIBLE PATHWAYS

ECOLOGICAL EDUCATION
FOOD FOR BRINGING PEOPLE TOGETHER

COMMON KITCHEN, BAKE HOUSE, PIZZA OVENS

ART-RPIECE BAKE HOUSE
MOBILITY

PEDESTRIAN BRIDGE
Ensuring an unobstructed access to the site from the neighboring areas

ELEVATED PATHWAYS
As a part of the playground
bicycle lanes

pedestrian bridge

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MOBILITY
public transport and parking
WATER MANAGEMENT

FREMTIDENS GÅRDHAVE VED STRAUSSVEJ

WATER INFILTRATION AND FLOATING STRUCTURES
For domestic & educational purposes

WINTER WINTER ACTIVITIES, SAUNA LIFE
For fun and wellbeing
WATER MANAGEMENT
SYNTHESIS MAP
## STRATEGIC STEPS

<table>
<thead>
<tr>
<th>Hard tools</th>
<th>Building support</th>
<th>Connection</th>
<th>Integration</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical interventions</strong></td>
<td>Basic renovation of existing buildings and elevated walkways decking</td>
<td>Cycle/Walk Underpasses through boundaries</td>
<td>Elevated walk ways (informed by pedestrian activity)</td>
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<tr>
<td>Developing the interest</td>
<td>New housing design</td>
<td>Internal Cycle/Walk-ways</td>
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<tr>
<td></td>
<td>Public Spaces</td>
<td>Lifelong Learning Centre</td>
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<td></td>
<td>Design of cycle underpasses / crossings</td>
<td>Residences/Housing</td>
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<td>Water management system</td>
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<tr>
<td>Soft tools Programmes</td>
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<tr>
<td>Connect people to potential of places</td>
<td>Tendering process for spaces in the existing buildings</td>
<td>Manage the construction and existing building functions in parallel</td>
<td>Experimental spaces program to facilitate use of underutilized spaces</td>
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<td>(Renew Adelaide, Levende Lokaler Norway)</td>
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<td>Open-spaces event funding program</td>
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<td>Testing the design of public spaces with temporary interventions</td>
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<tr>
<td>Open the area:</td>
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<tr>
<td>Clear and secure hazards</td>
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<tr>
<td>Remove fences</td>
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<td>Study desire lines</td>
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<tr>
<td>Create temporary paths</td>
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<tr>
<td>Connect people to potential of places</td>
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<tr>
<td>Visits/Tours</td>
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<tr>
<td>Hold summer and winter festival to reuse existing buildings</td>
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<tr>
<td>Temporary Ruissalontie street closures</td>
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<tr>
<td>Knowledge exchange workshops</td>
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<tr>
<td>Pallet building and repair workshops</td>
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<td>existing building functions in parallel</td>
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<tr>
<td>Experimental placing of fruit trees and playground elements according</td>
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<td>to guidelines</td>
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TOWARDS THE EVENING SUN