Repurposing Hana B

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1) The Power station
2) The Area
3) The Project

Helsinki

My highlights.

Helsinki

Images SPR, Tuomas Uusheimo, Koko3

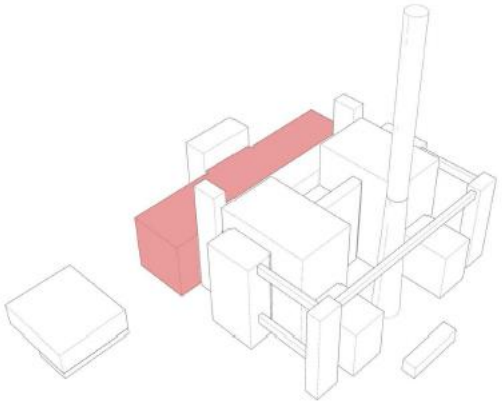
- Industrial landmark since 1974
- Represents the latest building technology of its time, strong connection to the history of urban development
- Architecturally and cultural historically significant, but not listed

Timo Penttilä 1931-2011

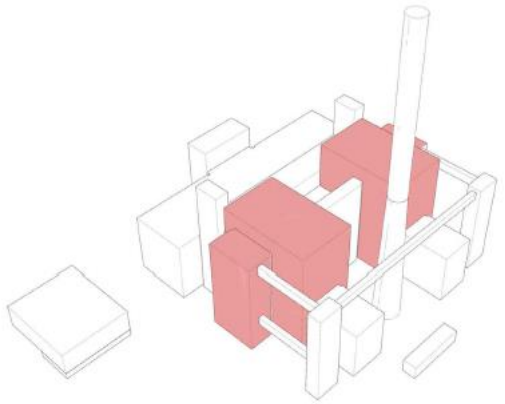
Helsinki

Image: Kari Lind

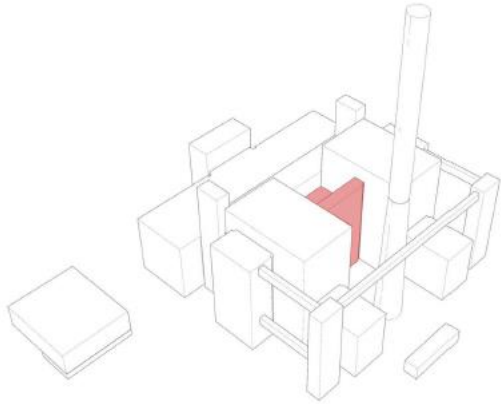
Anatomy of the facility



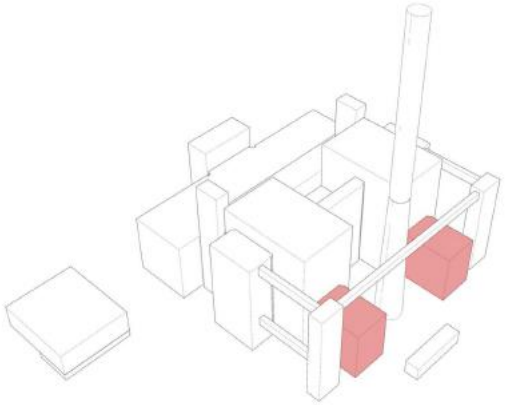
Turbine hall



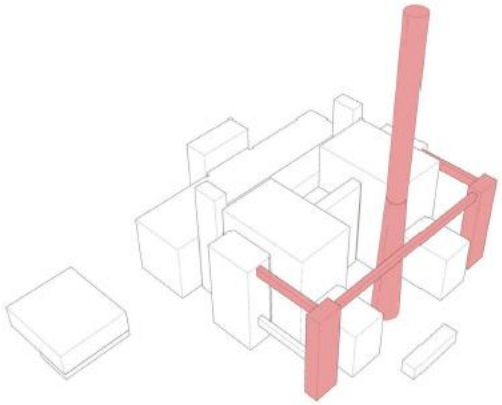
Boiler halls



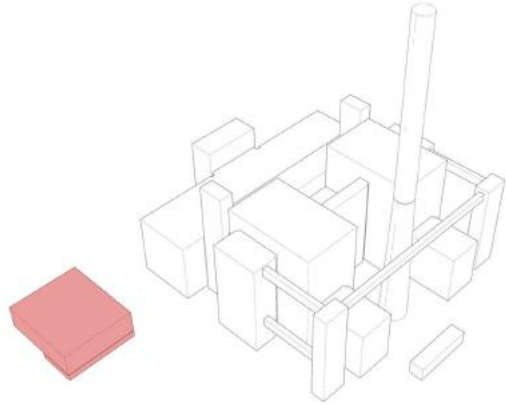
Auxiliary boiler hall



Electric filter holders



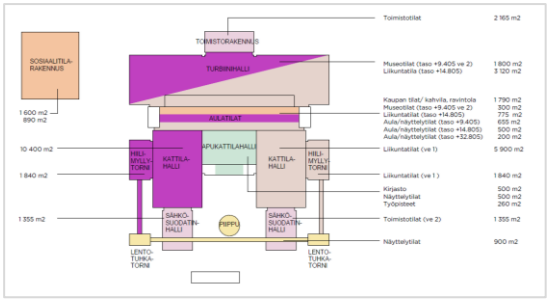
Ash towers, conveyors, chimney

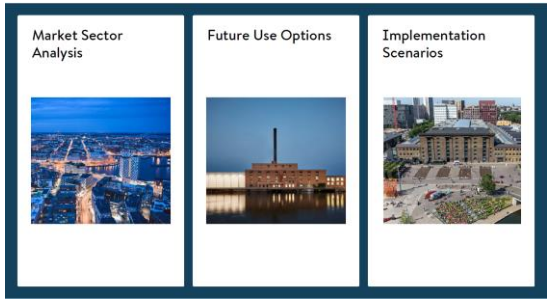


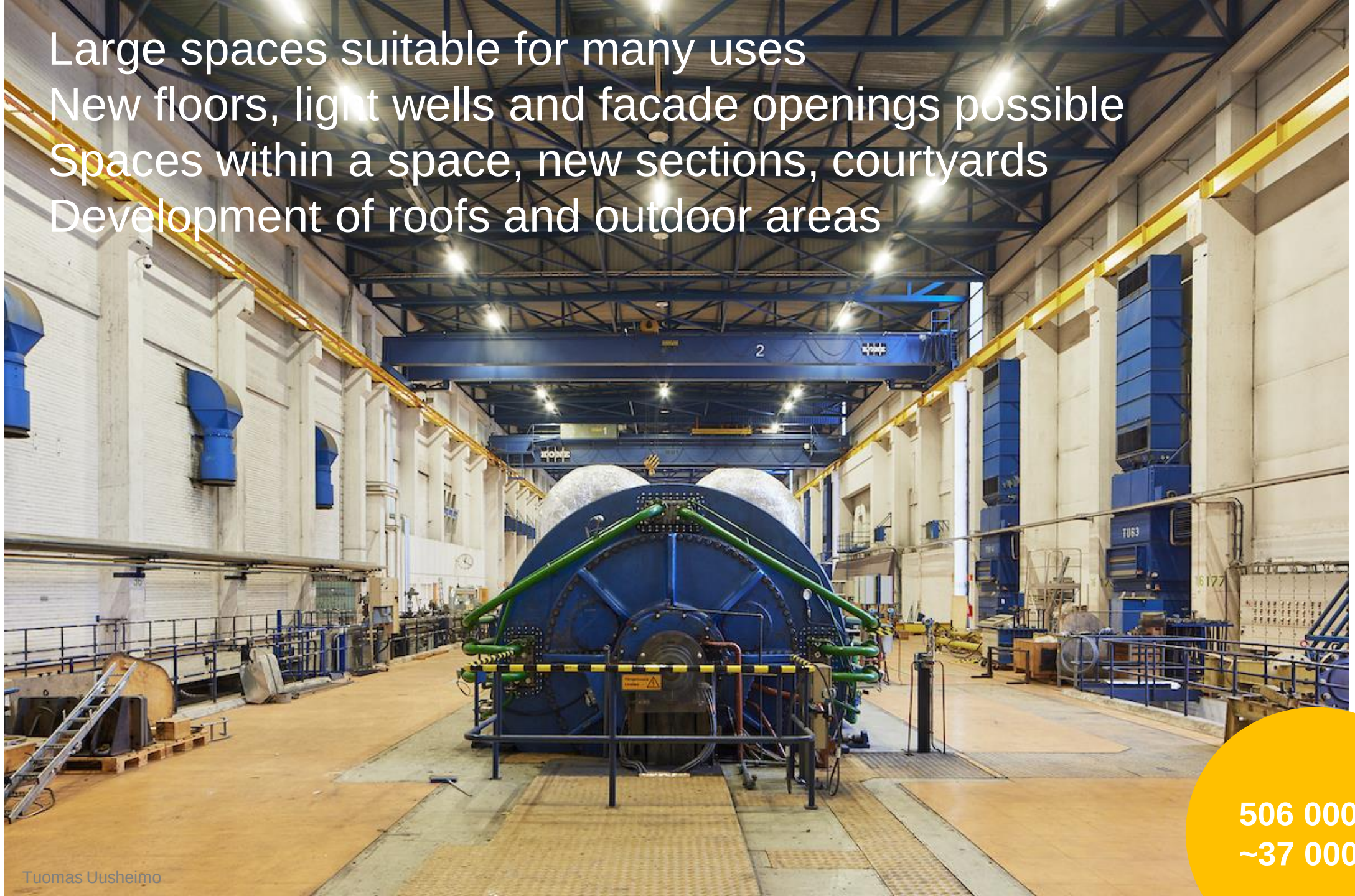
Social building

Documentation

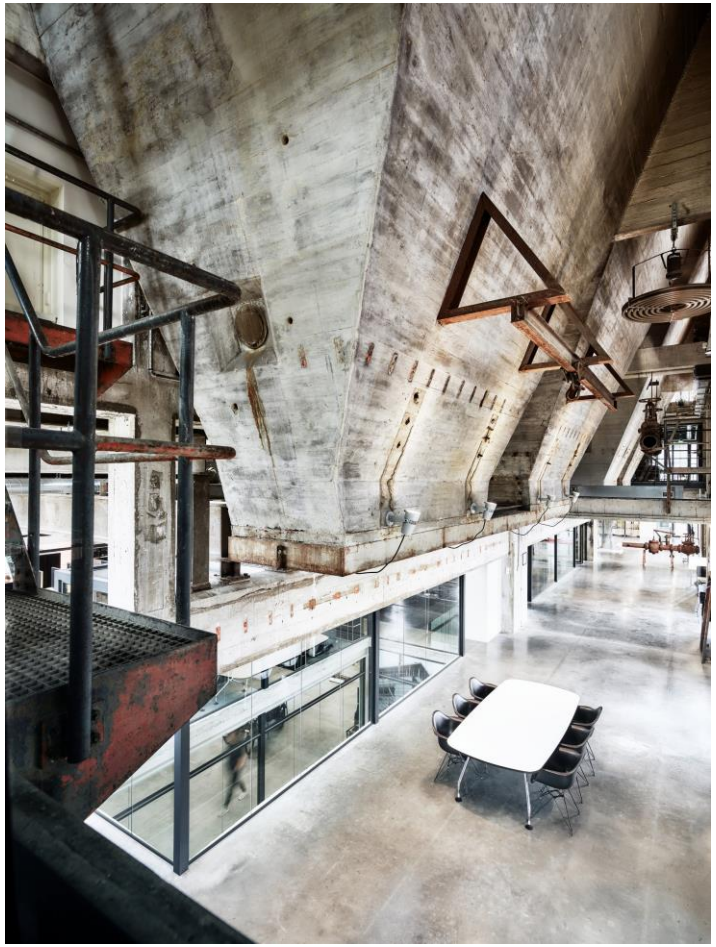
Soil and groundwater studies since 1995
Contamination studies since 2016
2015 Building historic assessment, Okulus & H-L Arkkitehdit
2018 Hanasaari B Vision, Koko Architects
2019 Hanasaari area risk assessment
2020 Reuse ideation, city´s working group
2020 Helen withdrawal plan, Ramboll
2021 Feasibility study, H-L Arkkitehdit
2021-22, Structural condition surveys and cost estimate, Ramboll
2022 Laboratory building foundation condition survey, Ramboll
2023 Hanasaari B Future use study, Buro Happold
2023 Demolition plan diagram, H-L Arkkitehdit
2023 General demolition plan, Ramboll
2023 Documentation of the power plant´s operations, Museum of Technology
2023 Protection diagrams for the interiors, Okulus



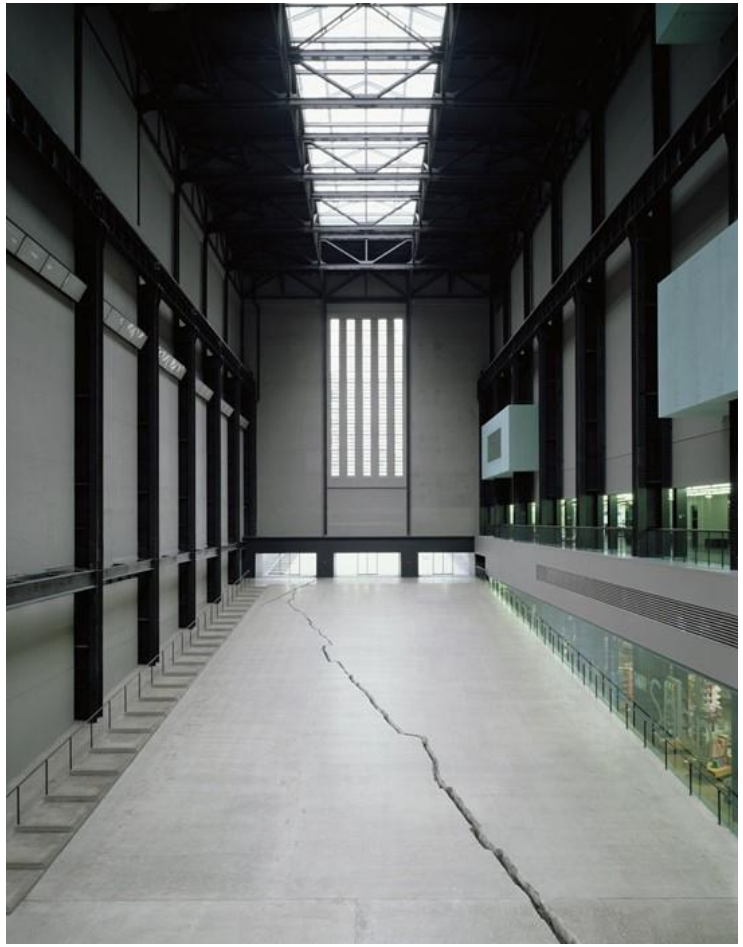



Large spaces suitable for many uses
New floors, light wells and facade openings possible
Spaces within a space, new sections, courtyards
Development of roofs and outdoor areas
506 000 m³
~37 000 m²
Tuomas Uusheimo

Helsinki Art Museum, image Jussi Mankkinen



Innovation Powerhouse, Eindhoven, Tycho Merijn



Tate Modern, London

Battersea Power Station, London, WilkinsonEyre

Helsinki

Green transition
New technologies
Transformation of energy production
Climate impact of built environment
Modern architecture and building heritage
Developing area
Empowering community
”Museum of the future”

2) About the area

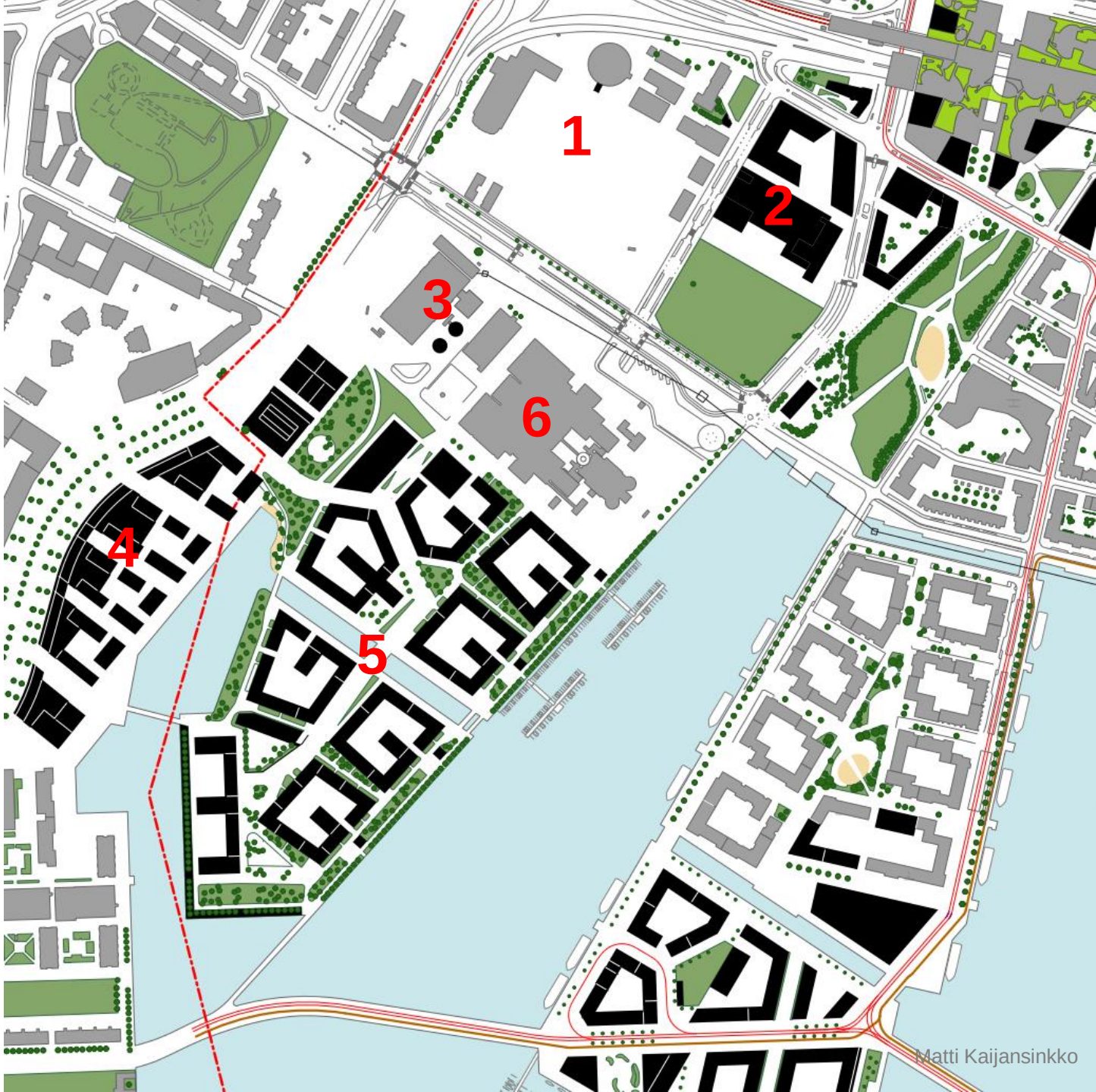
Industrial heritage
Culture, street art, events
Roughness

Tuomas Kivinen


Jussi Hellsten

Urban Planning Review

1) Suvilahti Cultural Center
2) Suvilahti Event Hub city plan
3) Helen Energy Quarter
4) City plan of Sörnäinen waterfront road
5) Southern Hanasaari city plan
6) Power station area has no existing city plan



Helsinki

Matti Kaijansinkko

New neighbourhood for 4500 residents

Matti Kaijansinkko

Kansainvälinen viihdejätti haluaa Helsinkiin tapahtuma-areenan

Hanasaareen tapahtuma-areenaa puuhaava yritys on saanut yhteistyökumppanikseen suuren luokan kansainvälisen toimijan.

Hanasaaren vanhan voimalarakennuksen ja rannan väliin on soviteltu uutta tapahtuma-areenaa.
KUVA: SUVILAHDEN AREENA OY

Marja Salomaa HS

13.9. 10:56

KANSAINVÄLINEN tapahtumajärjestäjä ASM Global sekä Suvilahden Areena oy ovat yhdistäneet voimansa Helsingin Hanasaareen suunnitellussa hankkeessa.

Yksityisrahoitteisella areenahankkeella on nimekäs taustajoukko, joka ehdottaa Pohjoismaiden suurinta, 17 000 asiakkaan jättiareenaa Hanasaaren voimalan kylkeen merenrantaan.

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3) Organisation and Work packages

Steering group

Project network

Proj. director

1) Decommissioning work

2) Technical surveys

3) Future use

4) Meanwhile use

5) Comms + participation

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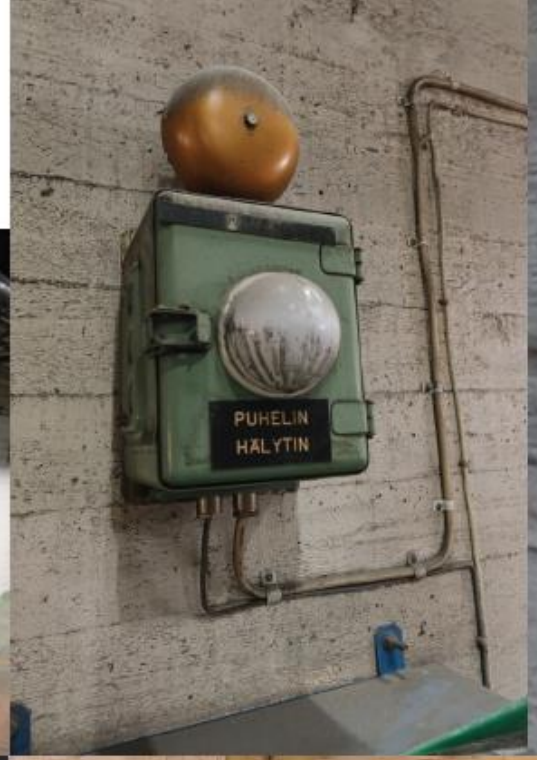
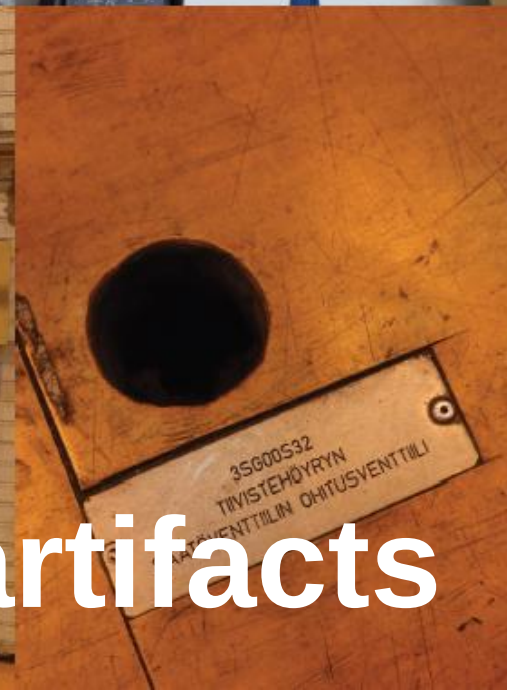
Decommissioning plan 11/23-6/25

Model: Huttunen-Lipasti Arkkitehdit

Kuvailu	Erittelemättömät pienosat rakennuksen eri tiloissa säilytetään, ellei tilakohtaisesti muuta päätetä, sekä pintamateriaalit ja pintakäsittelyt yleisesti. Näitä ovat erinäiset kiinteistön toimintaan (vs. prosessin toimintaan) liittyvät sähköverkostot päätelaitteineen ja sähkökalusteineen, kyltit, pääaulan taideteos, lattiamatot ja -laatoitukset... jne.





Plan to preserve artifacts

Sisäsuojelukaaviot, Okulus 2023

Project plan

- Decommissioning work
- Technical studies
- Vision 2030
- Meanwhile use plan
- Competition for future use
- Embodied carbon assessment
- Cost review and financial modelling

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World-class attraction?