

"Rethinking of an industrial area"

72-hour
transport challenge



Team Fantastic four

- Oscar Bonde
- Aino Laitinen
- Henri Ovaska
- Tuong Pham



Green blank
canvas



"GigaVaasa - Industrial paradise"



Values behind our concept

- Ecology
- Equality
- Shared services/economy
- Sustainable development



Ecology





Equality



Shared services/economy



Sustainable development



Problems related
with the challenge
and GigaVaasa

Main challenges



10 000 jobs
estimated

Direct +
undirect



Transport

Cheap
Carbon
neutral
Easy use



Minimizing fossil fuel usage



Solutions
through our values



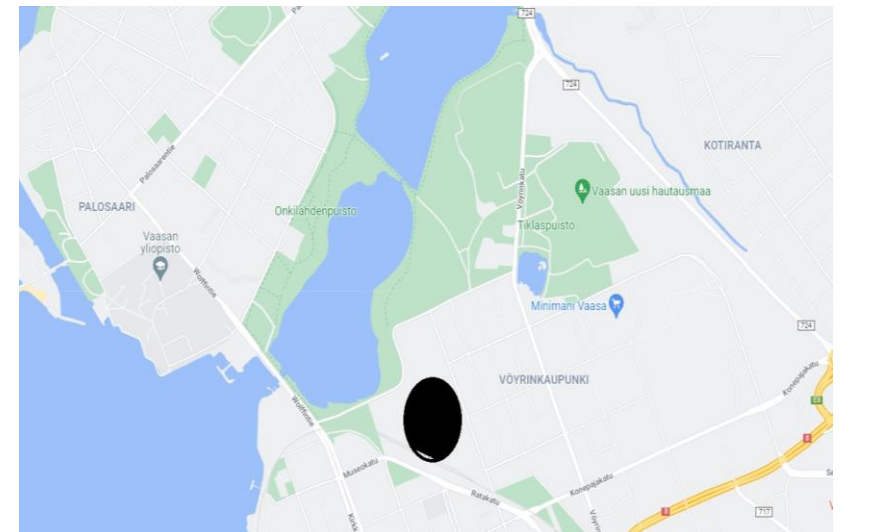
Smarthub 2.0

- Used as an office for different types of companies
- Modern service applications
 - Changing rooms
 - Hangout area
 - Leisure activities
- Connected to our new transport systems and MaaS
- Combining corporations under one rooftop
- Investment will pay itself back by rent and services
- International daycare (equality)
 - Umeå example



Placement of the hubs

- Area around GigaVaasa
- Old Wärtsilä factory area



Smarthub 2.0 Sustainable development and ecological aspects

- The central location reduces driving and the need for parking space
- Modern energy efficient building
- Tighter residential construction and living possible thanks to an easily accessible remote work center (no need for a home office)

- Smart Hub 2.0 Equality aspects

- Streamlines the combination of work and leisure

- Equality as a key factor in guiding the design and implementation of the hubs (Umeå model)

- Smart Hub 2.0 Shared services/economy
- Exchange of ideas and cooperation between employees of different companies
- Rental of work space and ordering services with one mobile application
- Potential for cooperation with Umeå with the hubs

Green transport

- Fresh and healthy life by walking/bicycling/e-scooter with existing green infrastructure.
- Smart and comfortable on the way.
- Care for time and safety.
- Enjoy life even on travelling.
- Friendly Environment – Happy Life – Effective Work.



Transport system



- Maas-app
 - Shared Taxis
- Electric selfdriving busses
 - Between Gigavaasa and smarhub 2.0
 - Housing areas - smarhub 2.0 - GigaVaasa
 - 24hr lines
- Charging place for busses in GigaVaasa