

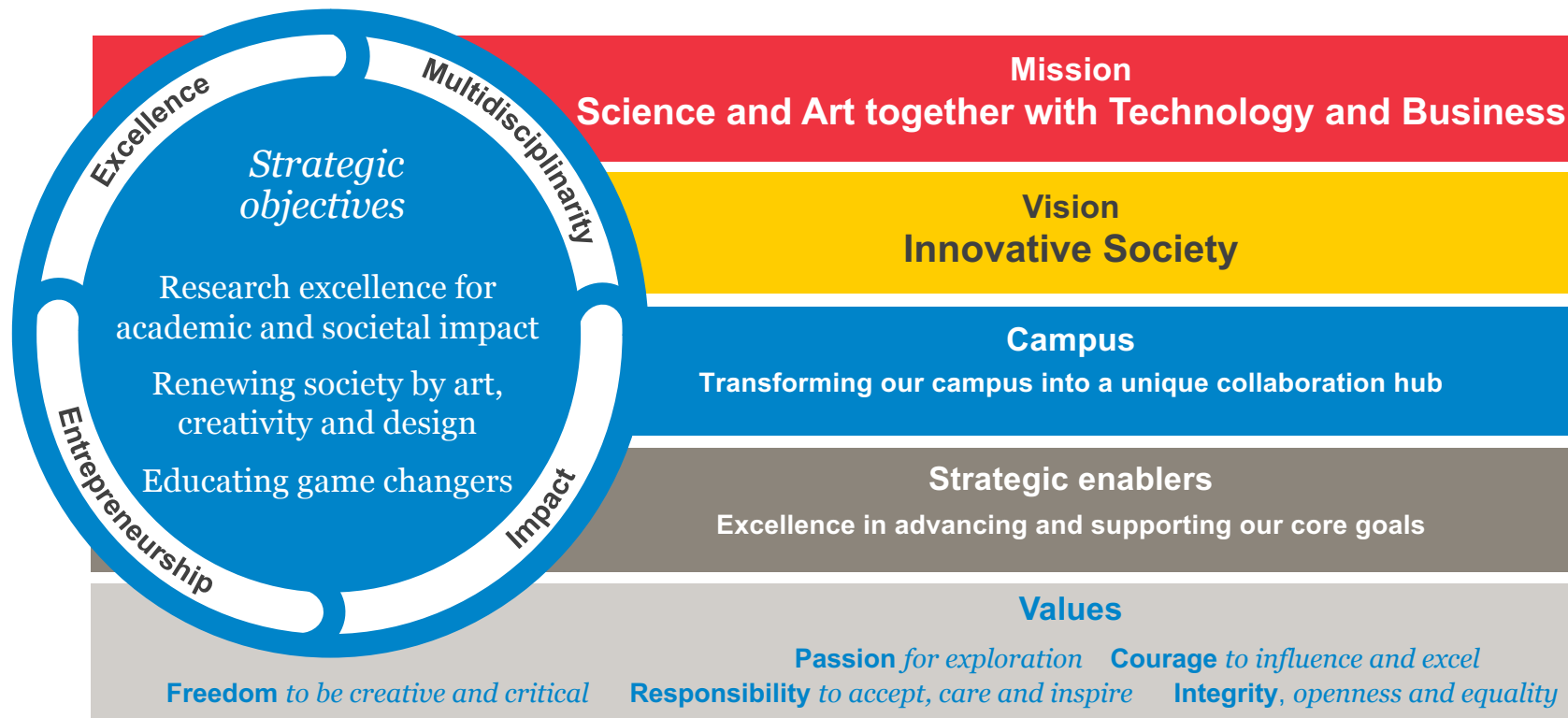
Aalto University
Antti Ahlava
Vice President (Campus Development)



UM comms 15.08.2017

Foundations of Aalto University

Strategy update 2016-2020



Maailmanluokan innovaatio- ja yrittäjyyskosysteemi



Avaamme uudistetut
opetus- ja
tutkimustilat
kumppaneillemme

Tuemme yrittäjyyttä
ja liiketoiminnan
uudistumista

Toteutamme
kokonaisvaltaisen
digitaalisen
transformaation

Ratkomme haasteita
vahvemman Suomen
puolesta

Context

1. Aalto university wants to be a **forerunner** in campus development in the world. Campus is one element in the competition between universities. Key themes in global campus development:

- Saving climate
- Supporting wellbeing
- Developing partnerships and creating critical mass with them

Aalto City

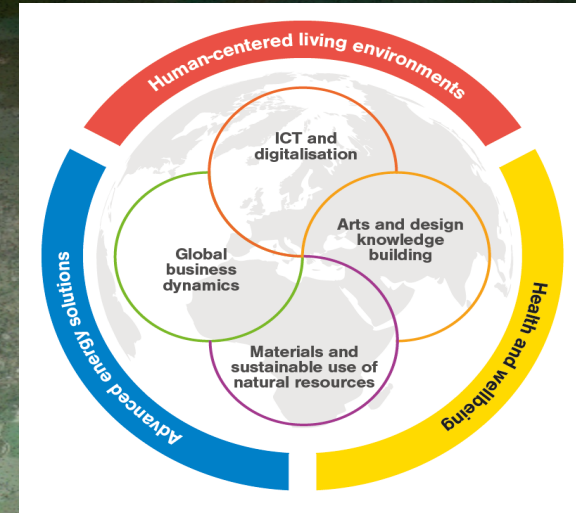
- sustainable concepts
- urban experiments
- cultural innovations
- entrepreneurship

2. National and EU **expectations**:

- Producing innovations
- Creating new cultural capital
- Boosting economical growth
- Spaces for world-class research, education and leisure

3. We welcome partners to join in the creative ecosystem – Otaniemi Innovation Hub – physically and bringing investments for example on the cross-disciplinary fields of:

- Human-centered living environments
- Health and wellbeing
- Advanced energy solutions



Transforming our campus into a unique collaboration hub

Art and
Design City

Meilahti
Health
Capital

Helsinki
City

Maria 0-1
Startups

Ruoholahti
Business
District

Aalto
City

*Laajalahti
Bay*

Keilaniemi
Business
Park

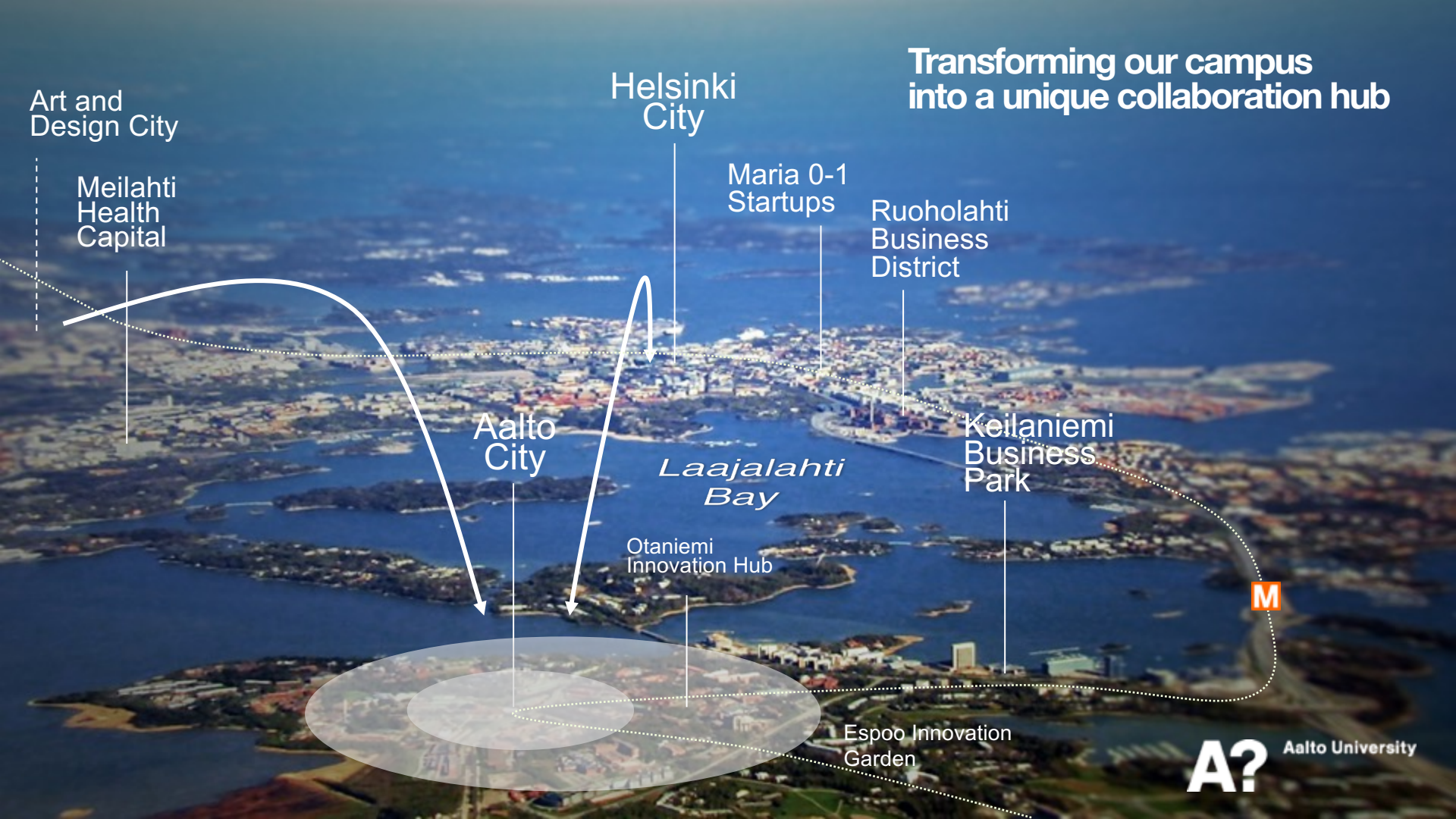
Otaniemi
Innovation
Hub

Espoo Innovation
Garden

M

A?

Aalto University



Collaboration Hub

MULTIDISCIPLINARY CAMPUS

SHARE

COMBINE

AREAL IMPLOSION

INSPIRING AND PRODUCTIVE USER EXPERIENCE

INDOORS

OUTDOORS

DIGI COLLABORATION



QUALITY OF SPACES

DIVERSITY

CO-CREATION

MOBILITY & FLEXIBILITY

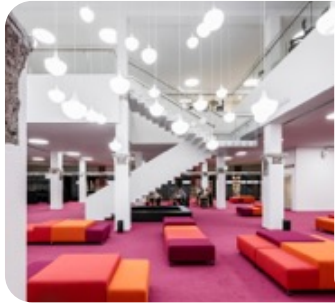
EXPERIMENTS & SUSTAINABILITY

CO2 & E

BUILDING

ENVIRONMENT

Campus Roadmap 2015-2021



2015-16

- Undergraduate Center opens at Otakaari 1, BIZ Bachelor students move (Aug 15)
- Learning Centre opens (Nov 16)
- ELEC relocation from Otakaari 5 to Maarintie 8 & 10 (Dec 16)
- Espoo 'School as a Service' high school starts at Puu2

2017

- Department of Film, Television and Scenography relocates from Arabia to Otakaari 7 (Jan)
- Dipoli opens as the new main building (Aug)
- University services relocation from Lämpömiehenkuja 2 and Innopoli 3 to Otakaari 1 and Dipoli (Aug)
- ENG exit from Innopoli 3
- Otakaari 5 Business Centre A Grid opens (Nov)
- Espoo 'School as service' expands to Open Innovation House (2017), Lämpö-miehenkuja (2018/19)
- Metro starts operation to Otaniemi

2018

- Väre opens – Rest of ARTS relocate from Arabia to Otaniemi (Sep)
- Metro shopping centre opens (Sep)

2019

- School of Business building opens – Rest of BIZ relocate from Töölö to Otaniemi (Sep)
- First Konemies block extension opens for ENG, Design Factory, Startup Sauna & others*
- Otakaari housing built*
- Kivimies development sold for housing
- Bionova phase 1 opens at Vuorimiehentie 2*
- Old Shopping Center renovation*

2020-21

- Otakaari 2 A & B open (for Aalto Studios, SCI, ELEC, other university units)*
- Second Konemies block extension opens*
- Runeberginkatu 14-16 renovation*
- Bionova phase 2, Student Centre and housing built*

*) Decisions to be made

Facts and Decided Issues

A! as a City

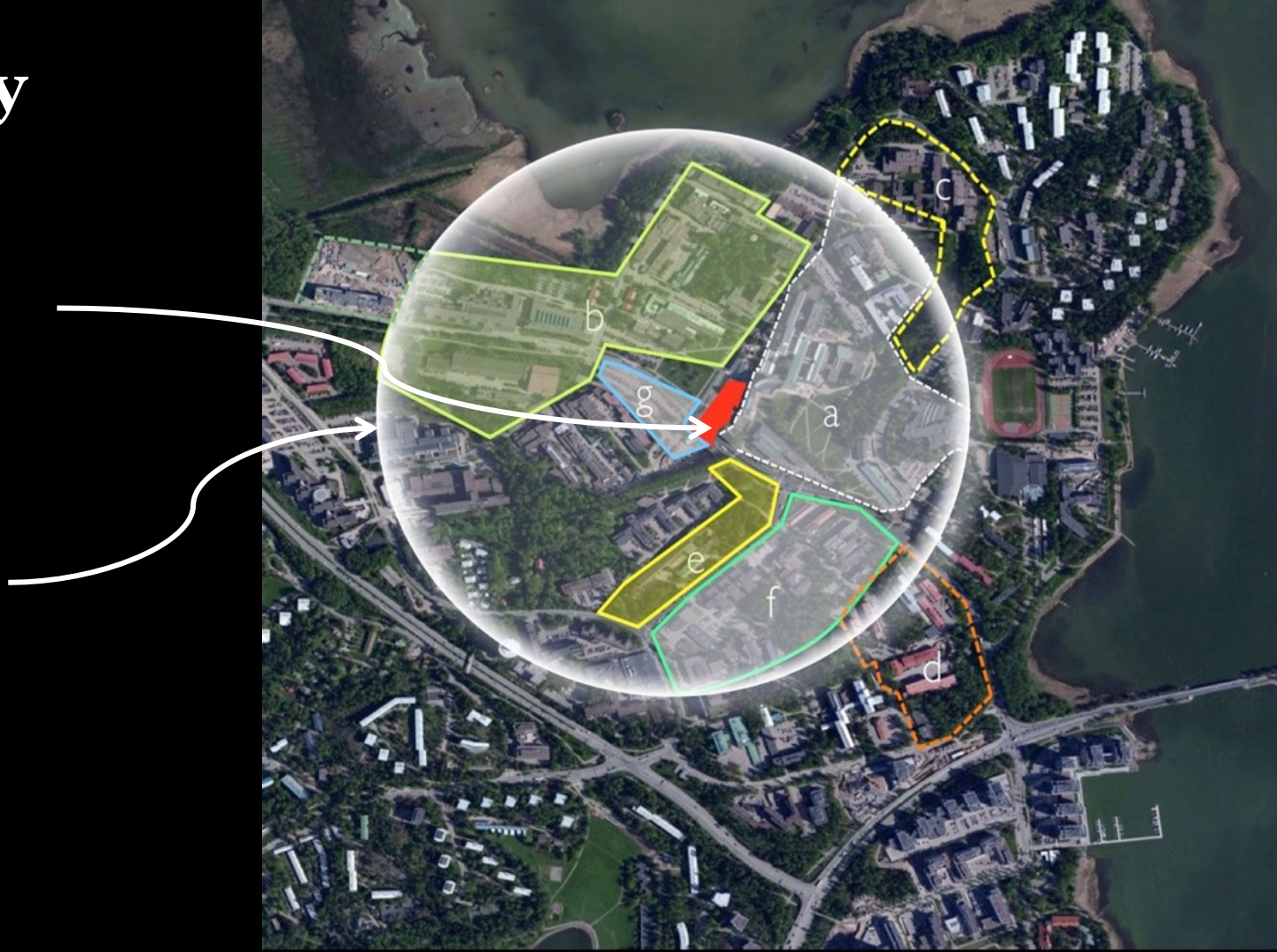
CLUSTER blocks with different identities a-g

CONCENTRATE encounters to one central main public space

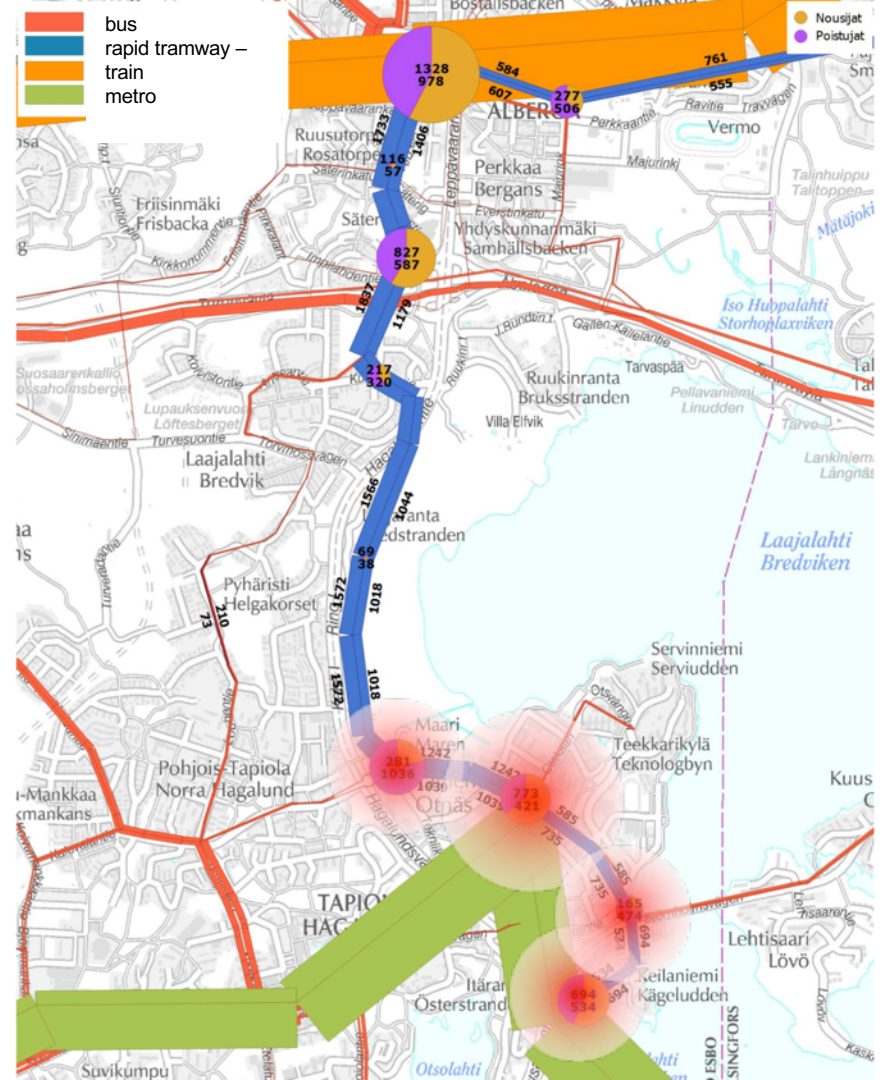
COLLABORATE thematically within university and by inviting partners to campus

COMPACT & CLIMATE smaller footprint and better efficiency ratio

COMMUNICATE actively the storyline, present projects and future



Rapid tramway as a fast areal connector



Aalto Entrepreneurial Ecosystem



Startup Sauna



STANFORD
UNIVERSITY

**AALTO
VENTURES
PROGRAM**



Aalto University
Design Factory



Aalto University
School of Science



Aalto University
School of Business



Aalto University
School of Business
Small Business Center



Aalto University
Center for
Entrepreneurship

MediaLab Helsinki



Climate-KIC



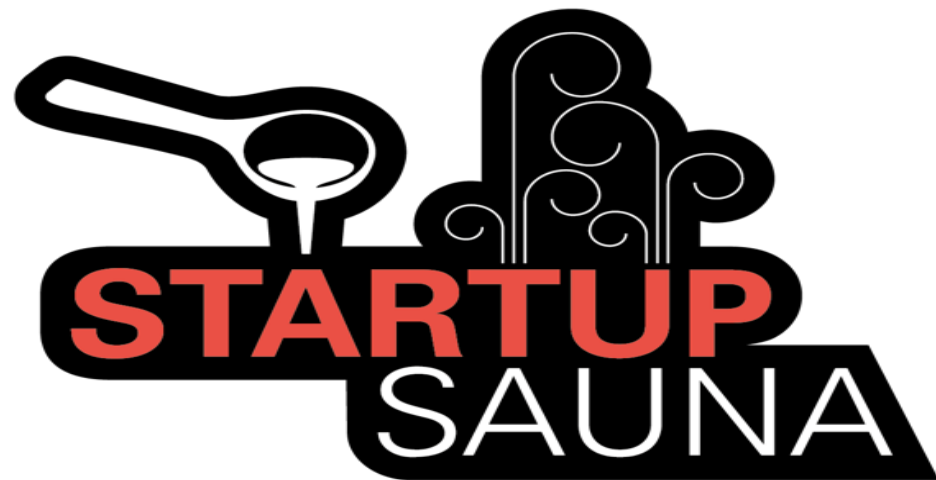
Digital



RawMaterials



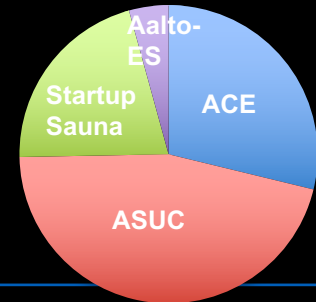
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Aalto University entrepreneurial ecosystem insights

- Between **70** and **100** companies are founded every year in Aalto's ecosystem
- A total of **500 companies** were founded during Aalto's first six years of operation
- **One half of start-ups** that originate from Finnish universities come from Aalto
- MIT has rated Aalto's ecosystem among the **five most promising** in the world*

Aalto-borne startups (Tekes):
Aalto Centre for Entrepreneurship
Aalto Startup Center
Startup Sauna
Aalto Entrepreneurship Society



Learning Centre

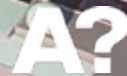


Current Schemes and Visualisations

An aerial architectural rendering of a university campus. The image shows a dense cluster of buildings with red brick and grey roofs, interspersed with green spaces, trees, and pedestrian paths. The layout is complex, with buildings of varying sizes and shapes. A large, curved building with a green roof is prominent in the lower center. The overall impression is of a modern, planned campus environment.

The following plans and designs only illustrate possibilities based on the before displayed concepts. Some of the plans and designs are alternative to each other. The exact locations of activities, their extents and final character are to be decided later.

PRELIMINARY SKETCH – NOT
DECIDED – UNDER PROVISION
ARTISTIC VISION OF
POSSIBILITIES



Aalto University

Väre

PRELIMINARY SKETCH - NOT
DECIDED - UNDER PROVISION
- ARTISTIC VISION OF
POSSIBILITIES

PRELIMINARY SKETCH - NOT
DECIDED - UNDER PROVISION
- ARTISTIC VISION OF
POSSIBILITIES

Kauppakorkeakoulu

School of Business 2019

PRELIMINARY SKETCH - NOT
DECIDED - UNDER PROVISION
- ARTISTIC VISION OF
POSSIBILITIES



Kemisti (Kortteli 10016)

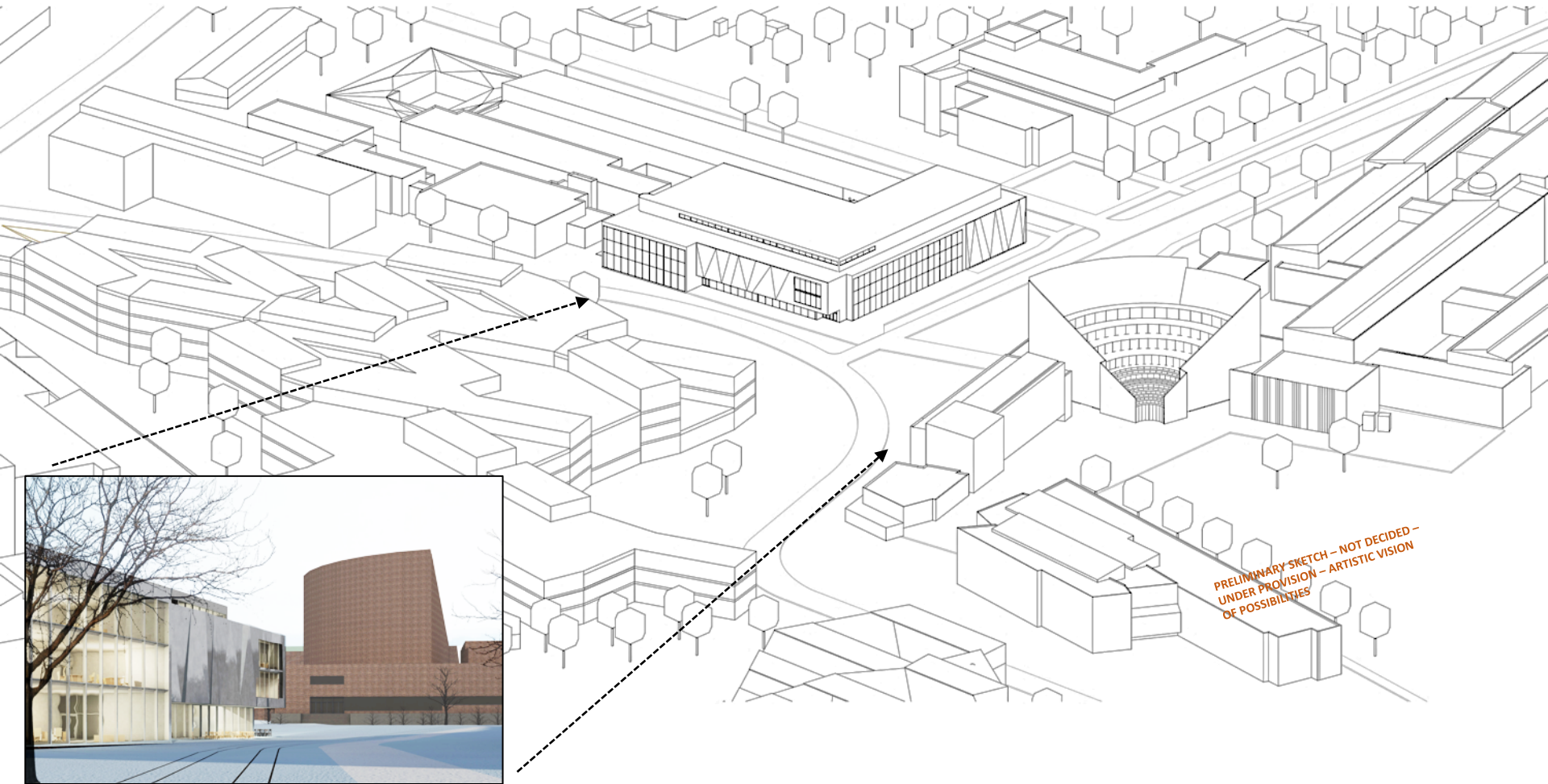
PRELIMINARY SKETCH – NOT
DECIDED – UNDER PROVISION –
ARTISTIC VISION OF
POSSIBILITIES





PRELIMINARY SKETCH – NOT
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POSSIBILITIES

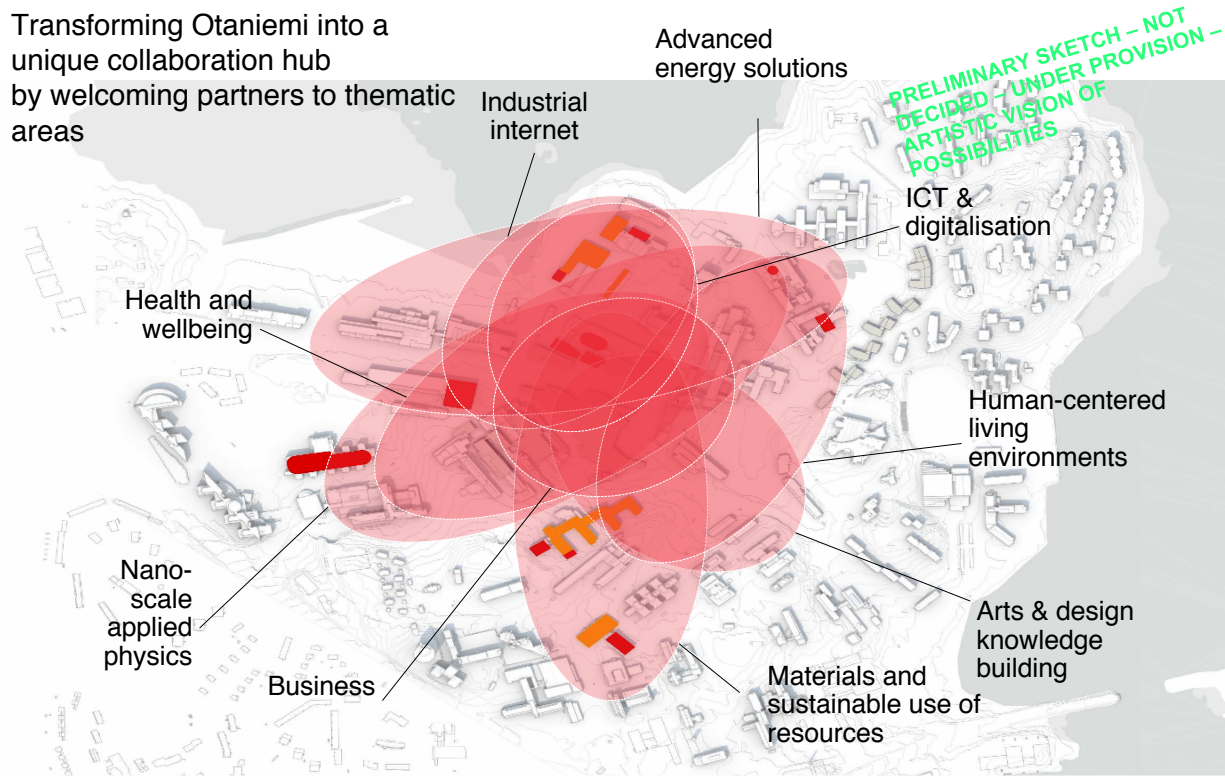
Aalto Studios



PRELIMINARY SKETCH – NOT DECIDED –
UNDER PROVISION – ARTISTIC VISION
OF POSSIBILITIES

Space as a Service

Transforming Otaniemi into a unique collaboration hub by welcoming partners to thematic areas



Kumppaniyhteistyö toimialoittain

Otaniemi on houkutteleva yritys- ja tutkimuskumppanien sijoittumispaikaksi

- Yrityksen toiminnan liittyminen yliopiston alakohtaisiin ekosysteemeihin
- Sosiaalinen verkostoituminen
- Tilapäiset käytöt ja projektiyhteistyö, mm. muunneltavat pop-up –tilat
- Kumppanin oman toiminnan oleellisten osien mahdollinen siirtyminen Otaniemeen
- Laiteinfrastruktuurin hyödyntäminen ja uuden teknologian tuominen Otaniemeen.
- VIP- ja alumnilounge-tilojen käyttö
- 5G-verkko, rekrytointimahdollisuudet, opiskelijoiden hyödyntäminen...



Open innovation – Opening street level

Aalto University Innovation Hub
Partnering Environment



PRELIMINARY SKETCH – NOT
DECIDED – UNDER PROVISION –
ARTISTIC VISION OF
POSSIBILITIES

Your
logo
here!

Your
logo
here!

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logo
here!

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here!

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logo
here!

Open innovation spaces



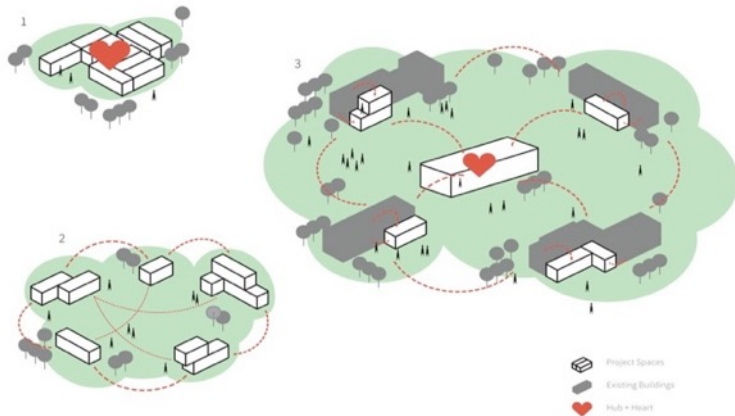
purple & green
= open innovation

yellow & pink
= closed innovation

PRELIMINARY SKETCH – NOT
DECIDED – UNDER PROVISION –
ARTISTIC VISION OF
POSSIBILITIES

Space as a Service

- One of the public high schools has been located in campus 8/2016
- School as a Service (SaaS) concept: utilizing existing networked resources
- Half of the space compared to a typical city high school
- Shared use of under-utilized research facilities with the university
- Pedagogical co-operation
- The transformation of SaaS concept to new users in 2017-18.



A Grid

Otakaari 5



Otakaari 5 Startup Centre

A Grid

OTANIEMI
2020

Permanent Slush



Next stage in Otaniemi innovation and startup culture: a cluster of mutually supporting activities: innovation and startup communities, support services, companies and research partners.

- Design Factory – the cradle of innovations
- Startup Sauna – where the startups are born
- A Grid for scaling up companies



Aalto University



PRELIMINARY SKETCH – NOT DECIDED –
UNDER PROVISION – ARTISTIC VISION
OF POSSIBILITIES

NEW
MEDIA
CENTRE

ACRE
Aalto University
Campus & Real Estate



- 2016
- 2017
- 2018
- 2019
- 2020

Tilakonsepti

- Kasvuyritysten yhteisöjä ja kiihdyttämöitä. Lisäksi SME-yrityksiä mm. luovilta aloilta. Paljon hyviä ankkureita jo tulossa.
- Joustavaa toimitilaa, sis. maker space- ja työpajatiloja. Avoimesta co-working työtilasta suljetumpaan innovaatioon. Koppikonttorista joustaviin ja vaihteleviin työtiloihin.

- Modulaarinen, joustava tilarakenne. Digitaalisen ympäristön kokeilualusta
- Kokonaisuudessaan 45.000 m2 tilaa (Euroopan suurin startup-keskittymä)
- Ensi vaiheessa (2017) 23.500 m2, mutta voi laajentua olemassa olevissa tiloissa
- Tilajakauma Aalto max. 20%, yhteisö min. 80%, eli kyseessä painotukseltaan kaupallinen pohja



534 : 32 : 51



Get in touch



About us

THE NEW HOME FOR AMBITIOUS START-UPS

A Grid is one of Europe's largest community spaces for ambitious start-ups, companies

Turn on comment mode to
collaborate on this prototype



8 / 8

Leave a comment



