

Väre Building & AALTO ARTS



1.9.2016

Sari Dhima

Head of One Campus project

School of Arts, Design and Architecture

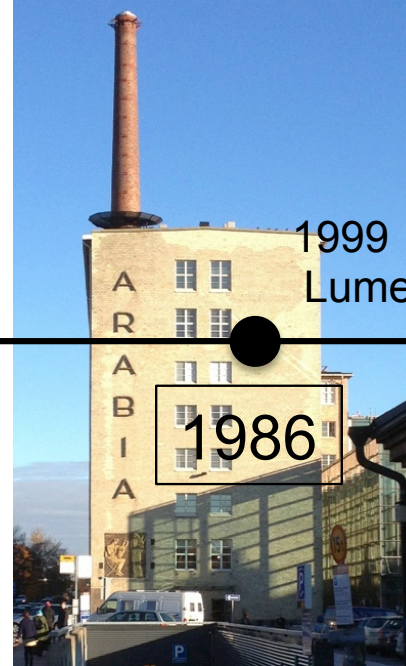
Aalto University

Ateneum, Helsinki



Craft school
1887

Arabia, Helsinki



1999
Lume

1986

1973
University of
Industrial Art
Helsinki

2010
Aalto University

Otaniemi, Espoo
2018

ARTS



1877

Polytechnic School



Hietaniemi, Helsinki

1971
University of
Technology

Otaniemi, Espoo



2012
University of
Art and Design Helsinki +
Department of Architecture,
Aalto ENG

National task

Craft school 1871

Improve the nation's capacity by art and industry

1890

Educate people and give an aesthetic teaching

1965 Into state ownership

1973 University of Industrial Art Helsinki UIAH

1990

Education, international excellence and innovative development

Aalto University 2010

Strengthening Finnish innovation capability



Ranking: QS 2016
Field: Art and Design

17

IN THE WORLD



*Ranking: BoF Global Fashion
School Rankings 2016*
Field: BA fashion programmes

3

IN THE WORLD

AALTO ARTS Community

A photograph of two women in an art studio. The woman on the left has blonde hair and glasses, and is smiling while a piece of white tape is applied to her cheek. The woman on the right has red hair and is looking at the first woman. They are surrounded by colorful, abstract art pieces and yellow ropes.

Students

BA & MA

2480

Doctoral

340

Total

2820

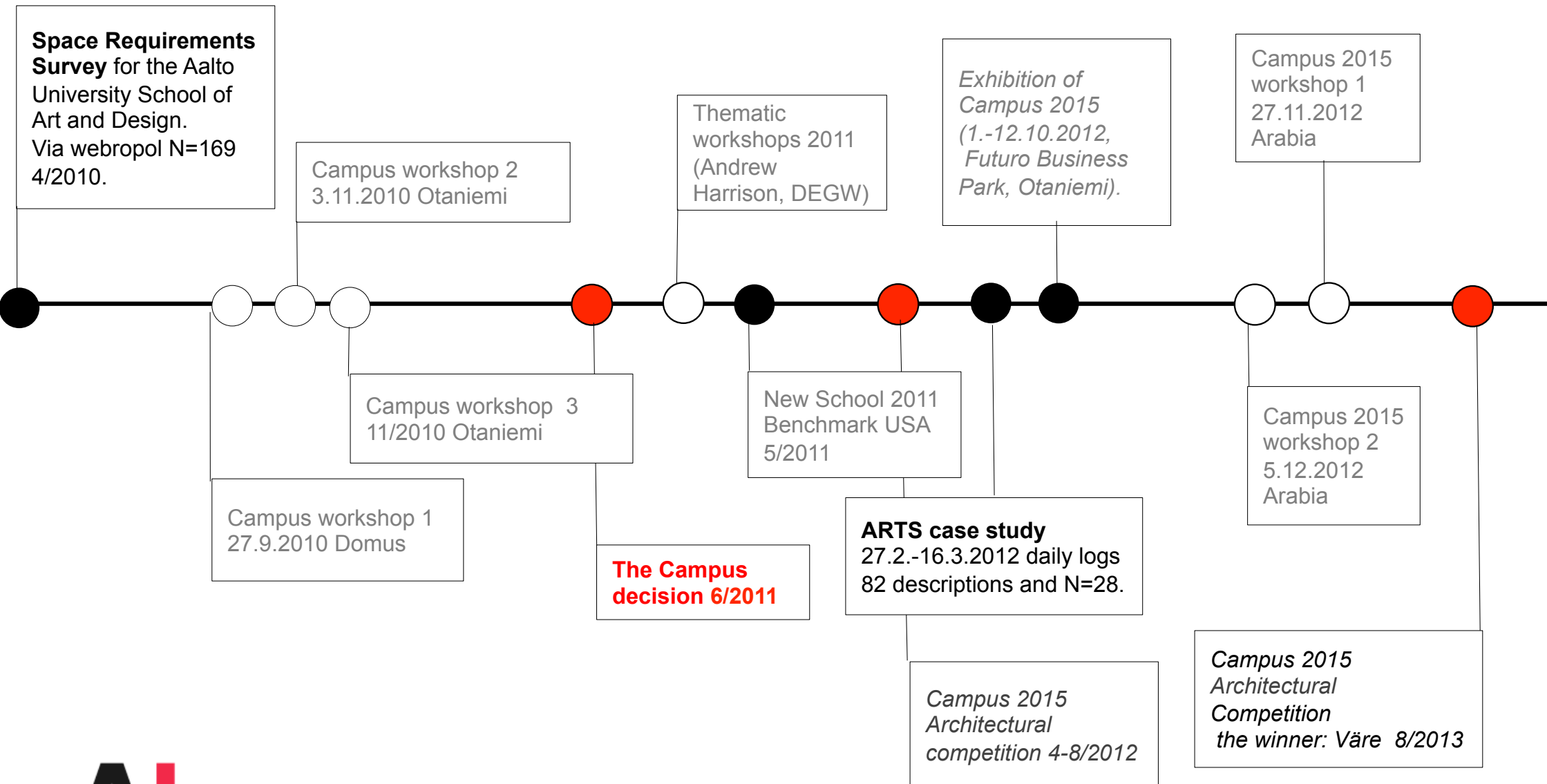
Faculty

443 (58 professors)



Aalto University

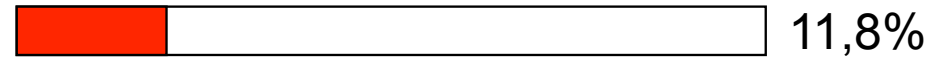
Campus development 2010-2013



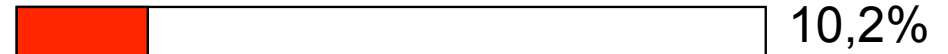
Space Requirements Survey (2010)

We need more...

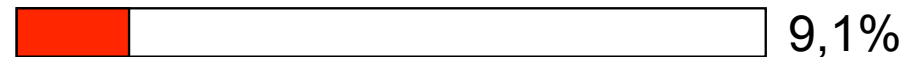
Areas for informal meetings



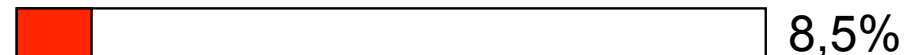
Areas for collaboration among different educational programs



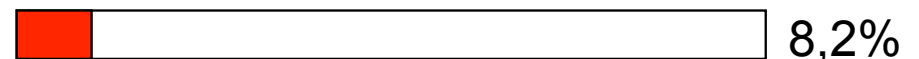
Places for studio work



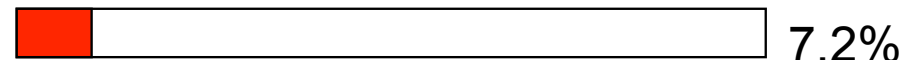
Exhibition spaces



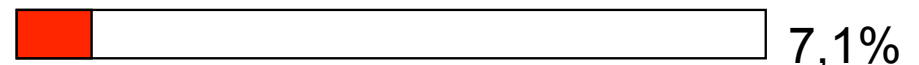
Areas where to work without any advance booking



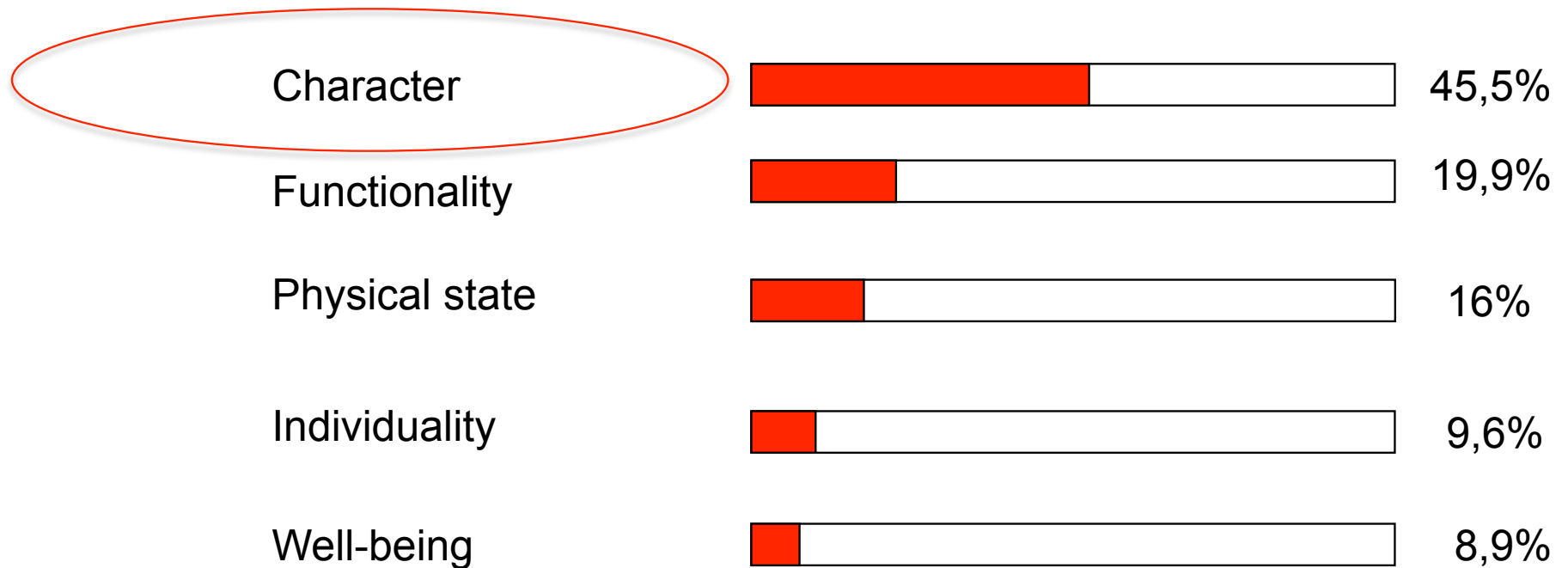
Social areas (changing room, washing area)



Areas where students' work can be hanged on the walls



What makes the School of Art and Design a dream place is...



Research of ARTS's process (2012)

Research, teaching and service time distribution of tasks in a social context of the three-day period (calculated one-day average).

	Research	Teaching	Services	Total	Average time
Alone	3h 50 min	2h 30min	3h 32min	41%	3h 10 min
Couple	47 min	1h 1min	1h 43 min	15%	1h 20 min
Team	3h 8 min	4h 14min	2h 27 min	43%	3h 20 min
Participants	8	11	9	28	

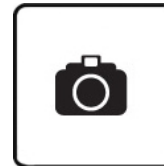
Day 1



Day 2



Day 3

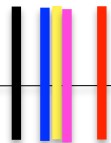


Research of ARTS's process (2012)

Activity in the working environment and equipment, (team / flux).

Actions	Tools	Space and its features
Participation in a meeting or lecture	Pen, paper, video projector, computer, screen, wlang, white board, telephone, PowerPoint, HD TV, the printer	The corridor, a meeting space, a leased space, a conference room, a classroom space, a library, a study room A large table, a sofa, chairs - Good lighting and acoustics, spaciousness, light, intimacy, comfort
Student guidance	Computer, phone, pen, paper, internet, camera	Workshop, group work, the IT service desk, a drawing room, a table, chairs, a large table
Teaching	A computer, a video projector, flash drive, workshop equipment, microphone	Lecture hall, class room, a workshop, a table

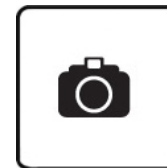
Day 1



Day 2



Day 3



Spatial concepts for the new building

LEARNING

WORKING

GENERIC Learning spaces

- Lecture room

SPECIALIZED Learning spaces

- Studio
- Workshop

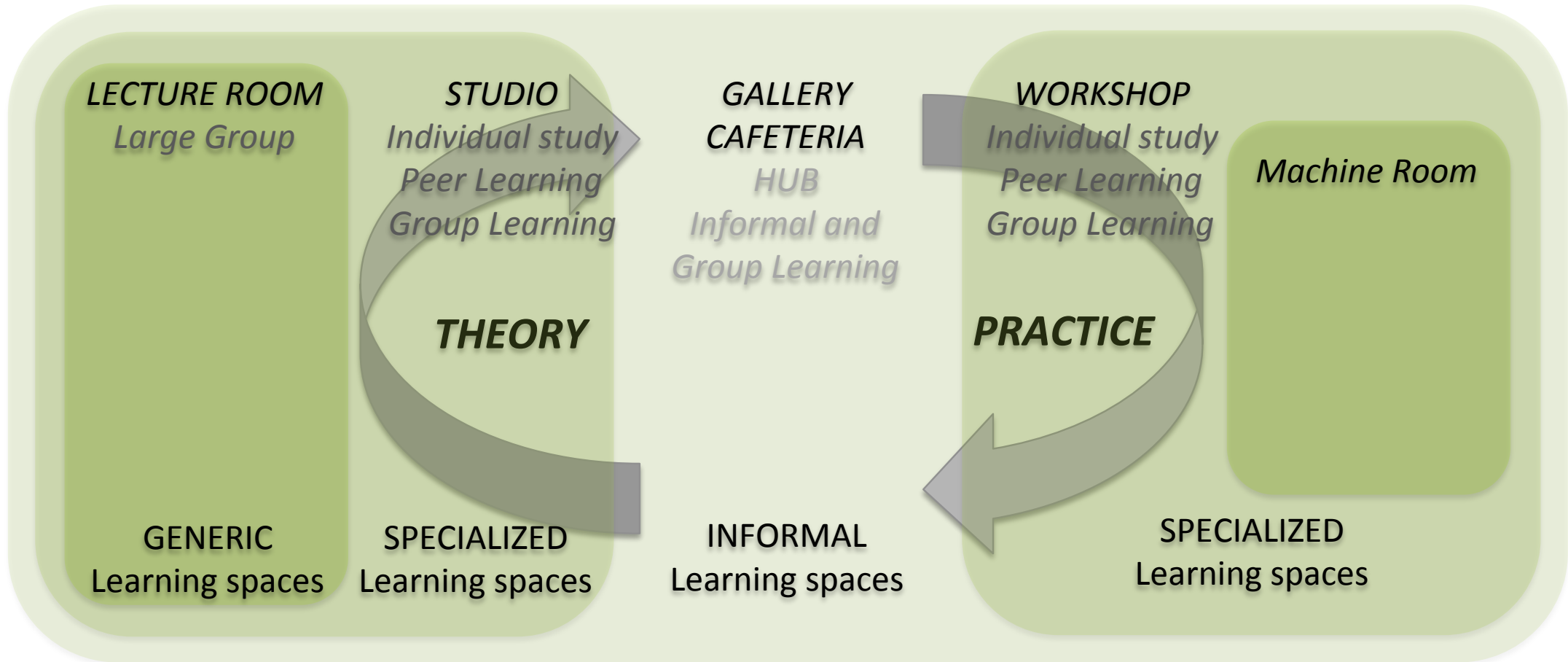
INFORMAL Learning spaces

- Gallery / Cafeteria

Activity-based office spaces

- Workcafé
- Team space
- Quiet rooms
- Meeting, brainstorming and project work
- Support spaces
- Researchers' rooms

Learning Spaces for Arts, Design and Architecture



OFFICE SPACE CONCEPT FOR AALTO ARTS

FINAL REPORT ON THE WORKING ENVIRONMENT
PROJECT – 17 APRIL 2014



Aalto University
School of Arts, Design
and Architecture



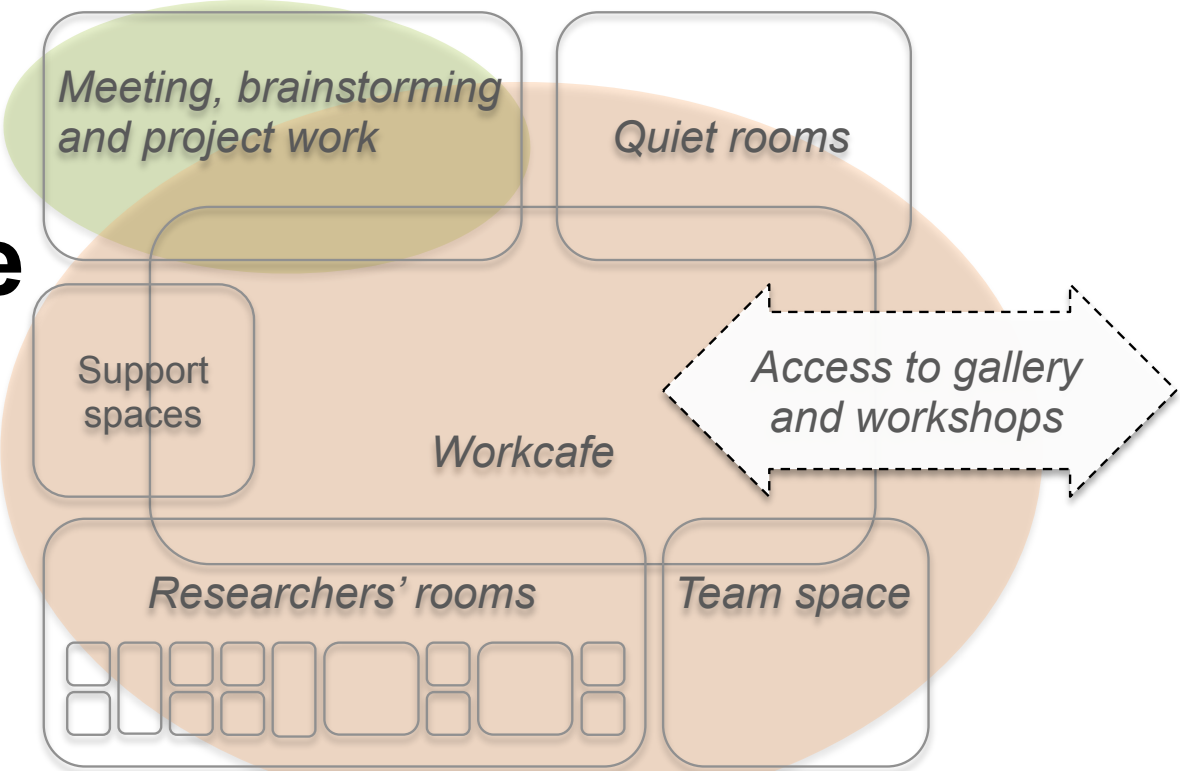
Workspace

ARTS concept and spatial programme for workplace agreed upon by the ARTS Management Board on the 10th of March 2014.

Activity-based office

Activity-based office contains different types of spaces and places intended to meet the needs of various forms of work. The workstations in the new Aalto ARTS office spaces are located in shared team spaces, but it is also possible to work in many other spaces too.

Over the course of a working day in a activity-based office, an employee is able to choose the best spaces to support the different types and stages of the work modes and tasks at hand.



Workcafe (Informal and group working)
The work cafe is the social heart of the office. It has to be multifunctional and flexible. It will be located in a central area, preferably alongside an entrance or traffic hub.

Team space
The personnel workstations are located in the team spaces. The team spaces consist of 4–8 workstations and the nearby storage facilities.

Quiet rooms
Quiet rooms are designed for phone calls and online meetings.

Meeting, brainstorming and project work
There are different sizes, types, and styles of meeting rooms in the office area (2–4 people, 5–7 people or 8–12 people).

Support spaces
Researchers' rooms

Aalto Campus development 2016 >

Aalto City General Plan: Zones

a – **Alvar Field:** University core. Partly protected elements with limited possibilities for change; activated with spatial programming, including mixed use with external partners

b – **The Garage Quarters:** Open innovation infrastructure: mixed learning, workplaces, services and housing

c – **Otakaari housing** with possibly services and workplaces. Life-span typologies.

d – **Stone Man South:** Mixed housing, workplaces and housing

e – **Mountain Man Hybrid Block:** Shared services, workplaces and housing

f – **Stone Man North:** University units in collaboration with other research and educational institutions

g – **Väre:** New building for the School of Art, Design and Architecture and Metro Shopping Centre

- M – Metro entrance + 7.500 inhabitants
+ 20.000 workplaces
- J – Rapid tram 'Jokeri' + 15.000 sq-m of services

? **Biology Block:** Future expansion area?



CONCENTRIC ZONES

CORE: ALVAR FIELD – ARCHITECTURAL PRESERVATION AREA

AALTO CITY: PREDOMINANT UNIVERSITY OWNERSHIP, SHARED USE – less than 350 m from the metro station

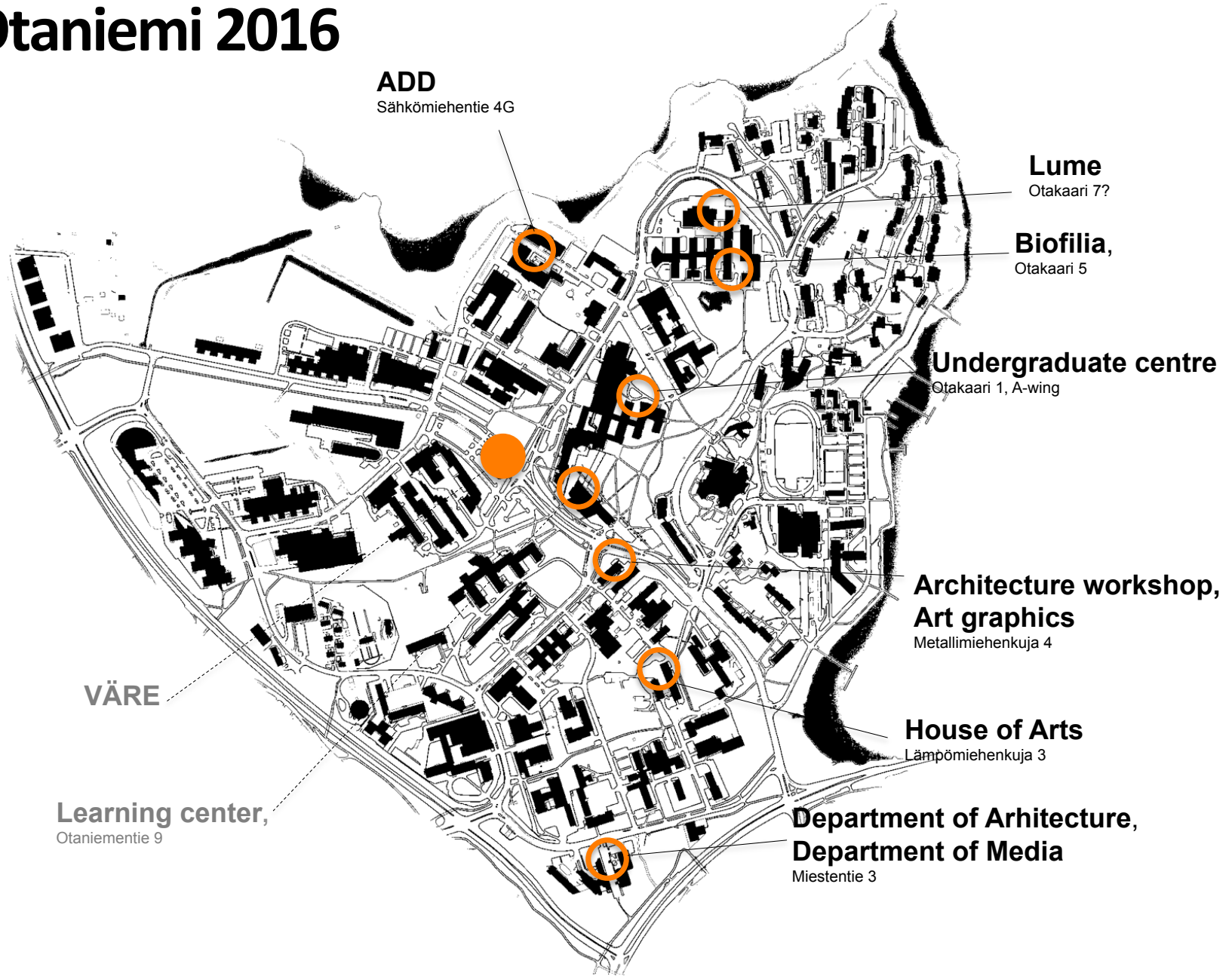
OTANIEMI INNOVATION HUB: MIXED OWNERSHIP, SHARED USE – less than 500 m from the metro station

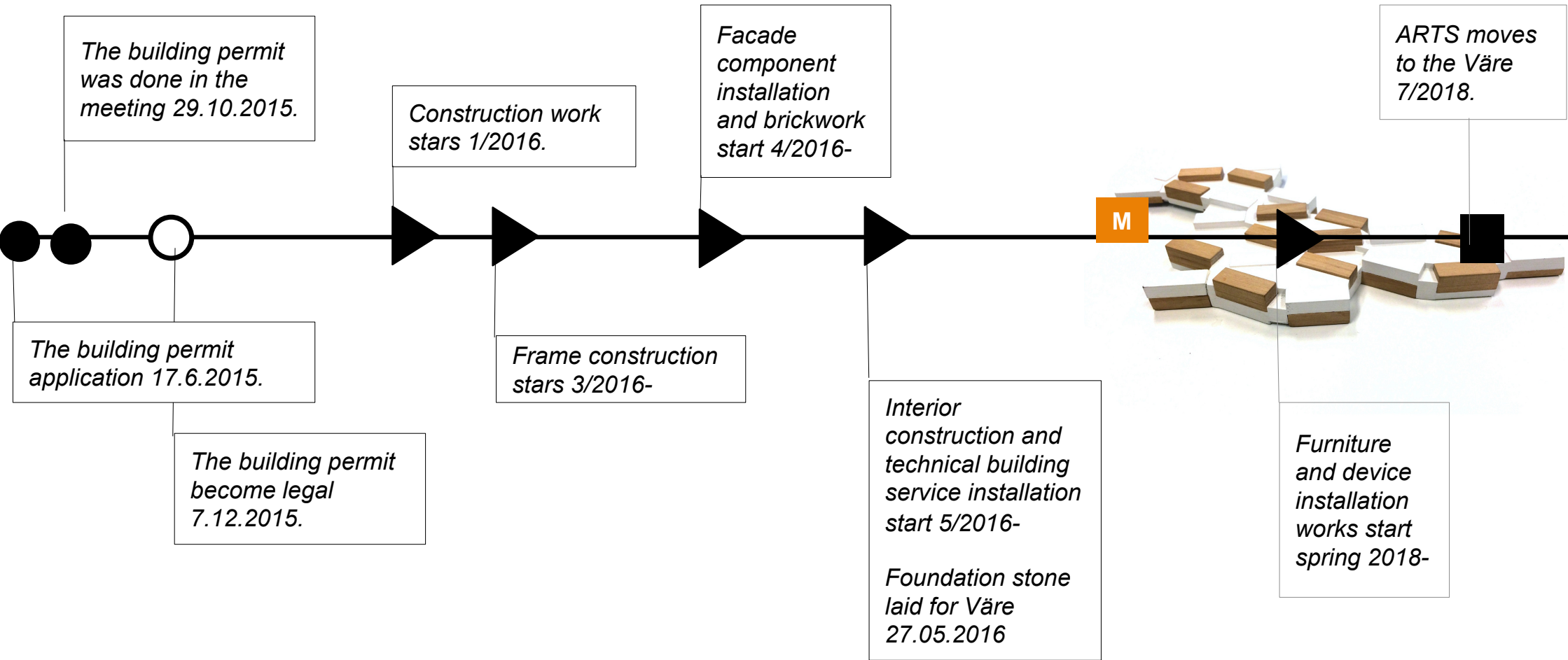
One Campus

Spatial layout that spaces are supporting:














- Enthusiastic learning and teaching with needed pieces of furniture and equipment including societal aspects.
- Change of functional environment, new (frontier) teaching innovations and interaction among the study programmes.
- Lecture rooms and learning spaces are working well with their size and quantity.
- There are creative done hubs within needed requirement. Hubs are working as a general meeting points to the personnel and students.
- Efficiently, flexible and customer friendly executed services
- Makes actions in ARTS visible
- Campus development will be executed according to the Aalto University's strategy

ARTS in Otaniemi 2016







- PIIRUSTUSMERKINNÄT**
-  olemassa oleva puu
 -  istutettava puu
 -  istutettava tai siirretty
 -  poistettava tai siirretty
 -  poistettava puu, osa p
 -  nurmikko (toimenpide)
 -  nurmikko/maanpeitek
 -  pensassitus
 -  nurmisauuttu noppa
 -  noppakiveys
 -  kivikkipinta
 -  saumaton kompositiitti
 -  pääaukion reunakivir
 -  reunakivi
 -  uusi korkeuskäyrä 0,5
 -  poistuva korko
 -  säilyvä korko
 -  uusi korko
 -  valaisimet
 - Maanpinnan korot pin

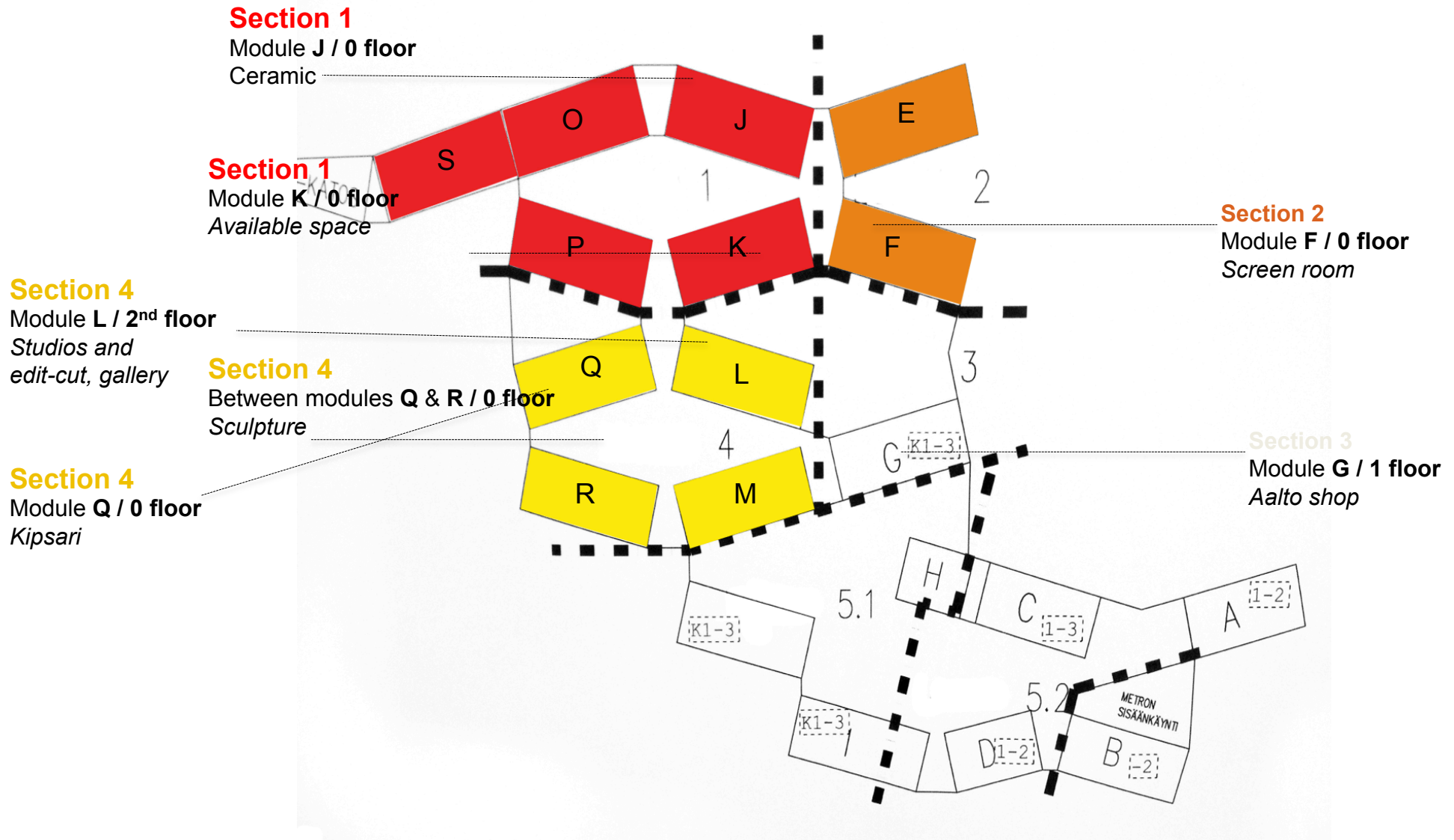
Taakkoorinaattori / Pliankoordinaattori:
 ETRS-OK25
 Korkeusjärjestelmä / Högssystem:
 NN00



Spatial program for Aalto University's New building

Ownership / User	Space type	ARTS Program m ²	University Program m ²	ACRE Program m ²
Company's premises	Entrances, restaurants, Services (shops) etc.			5 475
University's spaces	Lobby, Aalto shop and café, coat rack, exhibition area		2 651	
ARTS's premises	Workspaces, project rooms, storages	4 863		
	Students' homebase	3 736		
	Students' premises (The Guild of Architecture, TOKYO)	40		
	Exhibition areas	380		
	Workshops	4 187		
	Support spaces	445		
	ARTS Total	13 651		
All premises Total		21 777		

VÄRE / building construction sections



VÄRE Concept

3rd FLOOR
FACULTY

2nd FLOOR
STUDENTS' HOMEBASE

1st FLOOR
GROUP LEARNING

0th FLOOR
WORKSHOPS



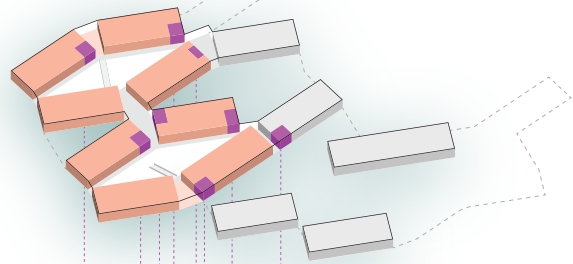
Aalto-yliopisto
Taiteiden ja suunnittelun
korkeakoulu

1.9.2016

Laitoksen nimi

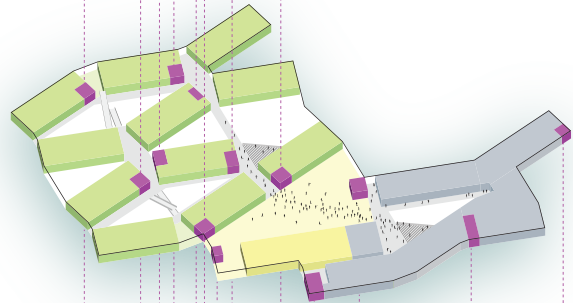
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3rd FLOOR
FACULTY



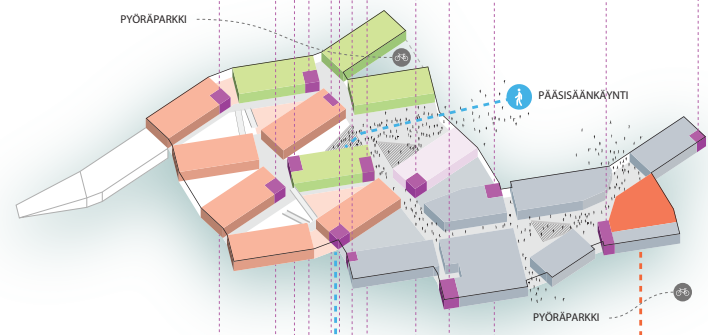
- TOIMISTOTILAT
- TEKNISET TILAT
- PORRASHUONEET JA HISSIT

2nd FLOOR
STUDENTS' HOMEBASE



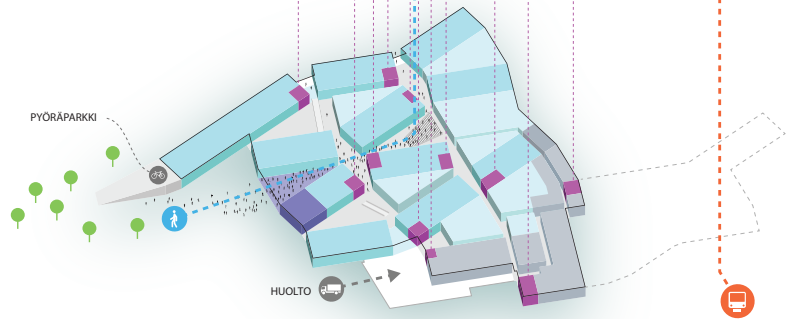
- OPETUSTILAT
- OPIKELUJURUKAILU
- KAUPALLISET TILAT
- PORRASHUONEET JA HISSIT

1st FLOOR
GROUP LEARNING



- TOIMISTOTILAT
- OPETUSTILAT
- KAUPALLISET TILAT
- AALTOKAUPPA/KAHVIO
- METRO
- PORRASHUONEET JA HISSIT

0th FLOOR
WORKSHOPS



- ARTS TYÖPAJAT
- KIPSARI
- KAUPALLISET TILAT
- PORRASHUONEET JA HISSIT



A? Aalto University

VERSTAS ARCHITECTS







- HENKILÖKUNNAN TILAT**
- TIIMITILAT
 - PROJEKTIHUONEET
 - GROUP IN
 - WORK CAFE
 - TYÖMISTÖJEN SISÄISET KÄYTTÄVÄT
 - TUKITILAT - NAULAKOT / LOKEROT
 - TUKITILAT - KOPIO JA JÄTE
- ARTS - STUDIOIT**
- STUDIOIT / Työpöydäseiniä
 - PROJEKTIHUONEET / RYHMÄOPETUS
 - TIETOKONEASEMAT
 - STUDIOIDEN VARASTOT
 - STUDIOIDEN TAIKOTILAT
- PALVELUT**
- OPISKELIJALUKKAILU
 - LIKKEILAT, PALVELUT, PÄIVITÄSTAVARA, TERVEYS
 - LIKKEILAT, RAIVINTOLAT
- MUUT TILAT**
- HISSIT, PORTAAT, KUIJUT
 - WC-TILAT, APULIAT
 - TV-KONEHUONEET
 - KÄYTTÄVÄT, AJUAT
 - NÄYTTELYYHYSKE ARTS
 - AALTOKÄYKKÖ



AL01-03 / 090 UUSI RAKENNUS - YLEISSUUNNITELMA - POHJAPIIRUSTUS 1KRS 1/500 - SIVU 3 / 7

VERSTAS ARCHITECTS

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The 1st floor





- HENKILÖKUNNAN TILAT**
- TIIMITILAT
 - PROJEKTIHUONEET
 - OROP-IN
 - WORK CAFE
 - TYÖMISTÖJEN SISÄISET KÄYTTÄVÄT
 - TUKITILAT - NAULAKOT / LOKEROT
 - TUKITILAT - KOPIO JA JÄTE

- ARTS - STUDIOIT**
- STUDIOIT / Työpöydäsekinä
 - PROJEKTIHUONEET / RYHMÄOPETUS
 - TIETOKONEASEMAT
 - STUDIOIDEN VARASTOT
 - STUDIOIDEN TAIKOTILAT

- PALVELUT**
- OPISKELIJARUOKAILU
 - LIKKEISET, PALVELUT, PÄIVÄTÄSTÄVÄRA, TERVEYS
 - LIKKEISET, RAVINTOLAT

- MUUT TILAT**
- HISSIT, PORTAAT, KUIIUT
 - WC-TILAT, APUTILAT
 - IV-KONEHUONEET
 - KÄYTTÄVÄT, AULAT
 - NÄYTTELYYHYSKE ARTS
 - AALTOKÄVIÖ



The 2nd floor

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- HENKILÖKUNNAN TILAT**
- TIIMIT
 - PROJEKTIHUONEET
 - GROUP IN
 - WORK CAFE
 - TOMISTOJEN SISÄISET KÄYTTÄVÄT
 - TUKITILAT - NAULAKOT / LOKEROT
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- ARTS - STUDIOIT**
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 - STUDIOIDEN TAIKOTILAT
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 - AALTOKÄHVIÖ



AL01-03 / 090 UUSI RAKENNUS - YLEISSUUNNITELMA - POHJAPIIRUSTUS 3KRS 1/500 - SIVU 5 / 7

The 3rd floor

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World-class innovation quarter for Otaniemi

Science and art meet technology and business at the cradle of innovation in Otaniemi. Taking part are domestic and international companies and corporate bodies.