



URBAN STUDIES & PLANNING

UJSP

# Urban Challenge Studio 1

Course Practicalities: Arrangements and assessment

18.9.2020





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Teachers

# Urban challenge studio I

- Anssi Joutsiniemi
- Michail Galanakis
- Teemu Jama
- Karen Buurmans-Niemi
  
- Course visitors: Pia Fricker, Mari Vaattovaara, Johan Kotze, Skirmantė Mozūriūnaitė, Pia Falkenbach, Giacomo Botta, Veikko Eranti...

## Problem-solving chain

- Yourself, Student groups, Coordinators, Professors



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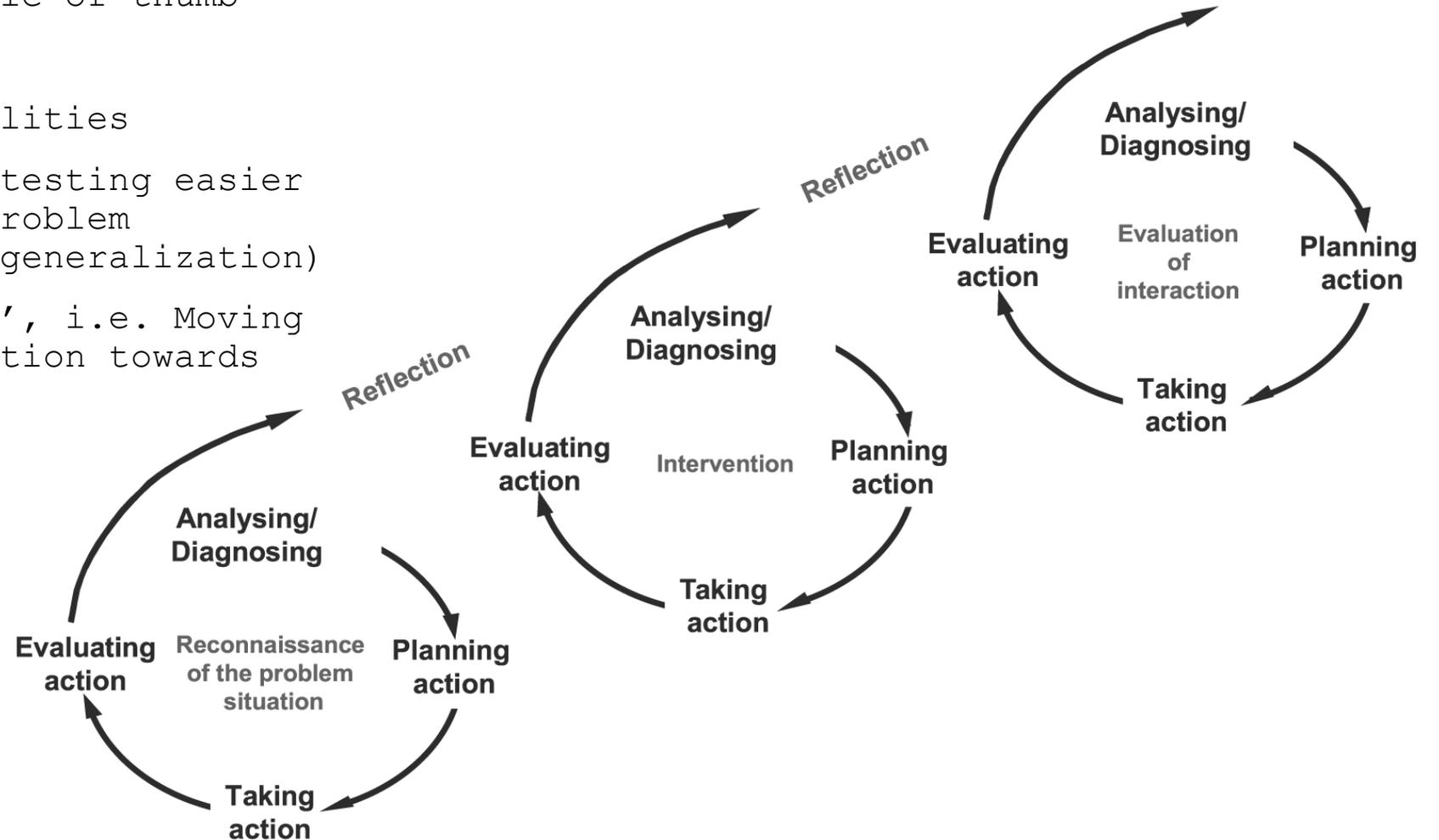
Course aim: plan-making

# PLAN-MAKING CHARACTERISTICS

- Time dependent
- Future oriented
- Location based
- Problem driven
- Largely non-scientific  
(heuristics)
- Socially constructed  
argumentation

# PLANNING/DESIGN AS HEURISTICS

- Trial and error, rule of thumb
- Systematic listing
- Learning from anomalies
- Problem variation (testing easier problem, altering problem component, problem generalization)
- 'Planning backwards', i.e. Moving from the known solution towards presence





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Schedule

# FRIDAY TEACHING FRAME

Schedule of each Friday arranged both remotely in ZOOM and physically in classroom in small groups (pre-agreed so that there is no congestion):

- 09.00-10.30           Featured student work           -we select and discuss some of your work
- 10.30-12.00           Lecture                           -time slot for lectures/presentations
- 12.00-13.00           LUNCH break
- 13.00-16.00           Student work                   -team-work live and ask us questions

# PERIOD 1: ANALYSIS

- 08.-13.9 Students fieldwork in the study areas using **seppo**
- 11.9 Opening: Course arrangements. (Theme of a day: PLAN-MAKING)  
Exercise: *Quality*
18. 9 Lecture: Design with nature (Theme of a day: TIME)  
Exercise: *Location*
- 25.9 Lecture: Network city/ Netzstadt (Theme of a day: SCALE)  
Exercise: *Density*
- 2.10 Lecture: Guest lecture (Theme of a day: XXXX)  
Exercise: *Diversity*
- 9.10 Lecture: Urban typologies (Theme of a day: COMPLEX ENTITIES)  
Exercise: Forming planning questions: What is essential in Vantaa Future?
- 16.10 TOWARDS SYNTHESIS (no lecture).  
Each group should have articulated their research question(s)

**WEEK 43 FREE**



# PERIOD 2: SYNTHESIS

- 30.11 Lecture: Transportation and accessibility  
Exercise: Iteration 1 on team projects
- 06.11 Lecture: Planning as practice (presentation by Teemu)  
Exercise: Iteration 2
- 13.11 Lecture: Just City (presentation by Michail)  
Exercise: Iteration 3
- 20.11 Lecture: <Theme selected to support current student work phase>  
Exercise: LAST iteration
- 27.11 Lecture: <Theme selected to support current student work phase>  
Deadline of submission of projects for USP book publication.
- 4.12 Return of feedback for revisions
- 11.12. **Teams' contributions revised and ready**





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ICT

# ICT environment

- MyCourses (Official course information)
  - up.aalto.fi (Data repository)
  - Zoom (Friday work sessions)
  - Seppo (Location-based interaction)
  - QGIS (Geographical analyses)
- 
- You are free to use any software and data as long as you are able to connect above ones!
  - We promote Open Science, Open Source, Creative Commons... approach as much as possible.



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Project area

# Location in Helsinki metropolitan area



Otaniemi Campus

Helsinki CBD



**EDGE CITY**

**X-ROADS**

**ESTATE**

**CENTRE**

**PALIMPSEST**

**SUBURBAN**

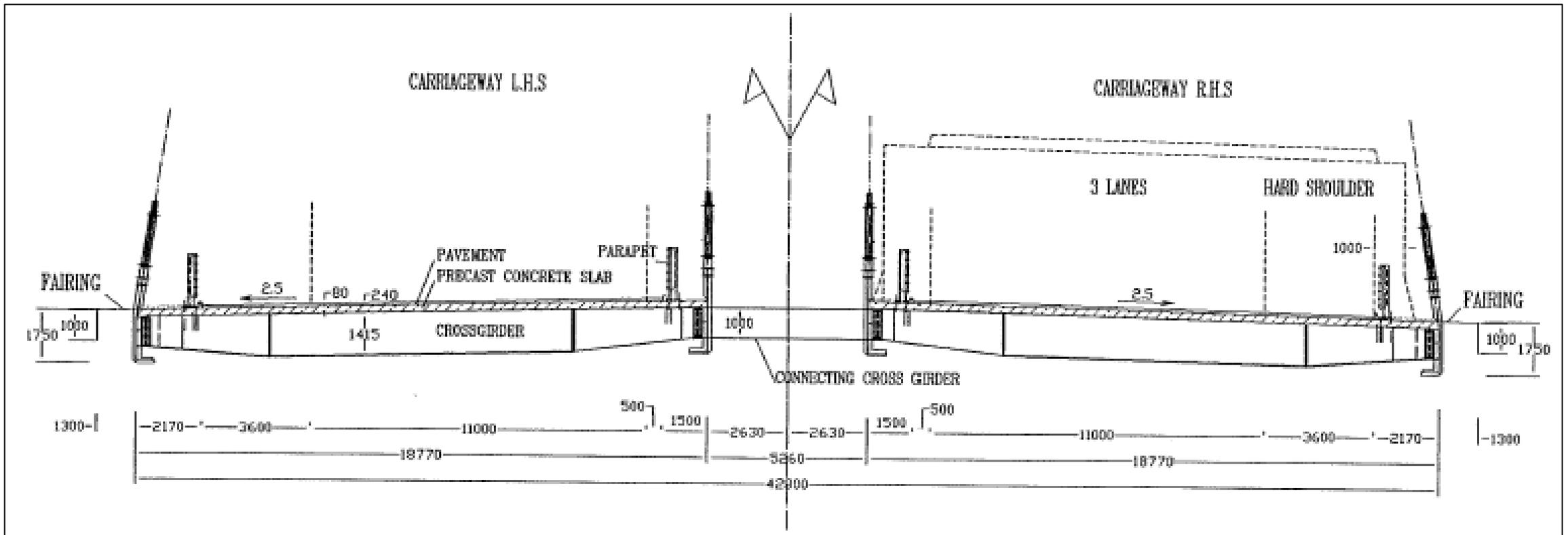
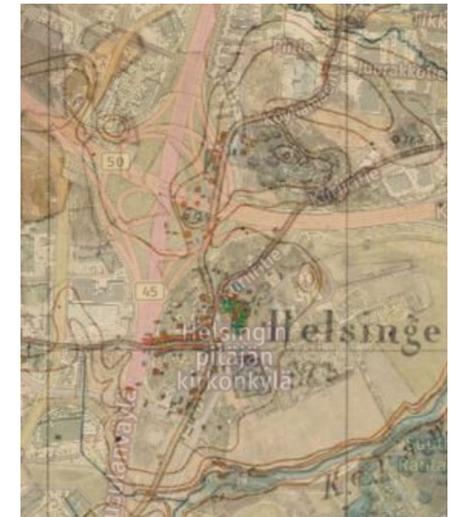
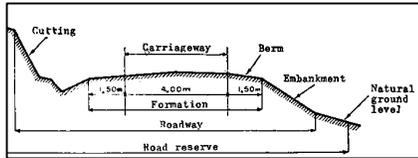
**PARK**

**HABITAT**

# Institutions: Size of a highway

”...kuutta kyynärrää leveä, ja paitsi sitä kaksi kyynärrää kummallekin puolelle ojaksi, jos tarvitaan.”

6 cubits + 2 cubits = > 8 cubits  
 3,56 metres + 1,18 metres => 4,74 metres





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Assessment criteria

Qualities appreciated

Critical thinking

Ethical thinking

Creative thinking

# Course overall grading

The course assessment consists of multiple parts with following shares on overall grading:

- Excursion assignments (5%)
- Weekly assignments (30%) \*
- Mid-term critique (10%)
- Final output for publication (50%)
- Post-production for the publication (5%)

\* all students have the right to be exempted from one (1) weekly assignment - it is suggested that each student strategically selects which will that assignment be - more than 1 incomplete weekly assignments will have re-precautions on the obtained course credits - students who opt out of the exemption and complete all weekly assignments will gain a grade advantage.

# Grading

- **For grade 3 a student**
  - knows the basics of academic way of working (argumentation, referencing)
  - is able to understand the role of analyses in future oriented planning realm
  - is able to produce final output according to the given assignment instructions
- **For grade 4 a student**
  - roots his/her work on critical thinking
  - is able to produce analytical study and synthesize results further in a given context
  - presents a coherent output combining textual and visual information
- **For grade 5 a student**
  - shows significant maturity in understanding the background theories of his/her work
  - understands the essence of planning in the nexus of critical, ethical and creative thinking
  - presents analytically, technically and/or visually exceptional work in a given time frame.

The work done for improving group performance may raise grading (0,25-1 depending on quality of work)