

SMART SOCIETY SUMMER SCHOOL



Eindhoven, The Netherlands
20th until 26th of August 2017

Gemeente Helmond



TU/e Technische Universiteit
Eindhoven
University of Technology



THE IDEA

From real problem to solution

From August 20th until 26th 2017 the Fraunhofer IAO and the Eindhoven University of Technology together with the cities of Eindhoven and Helmond are offering the first ever Smart Society Summer School [4S]. Powered by the knowledge gained in the Morgenstadt Initiative, master students from all countries and backgrounds have the possibility to jointly work on the realization of the Brainport Smart District – the smartest district in the world.

INTENDED AUDIENCE

We are inviting the smart city experts of tomorrow

Master students of all fields relevant to smart city development (e.g. engineering, computer sciences, design, social sciences, sustainability management, architecture and planning) may join
Open to all disciplines – application necessary
Language: English

THE FOCUS AREA OF INNOVATION

Topic: Circular economy

To focus your work in the broad area of smart city innovation, each Smart Society Summer School has a focus area. This summer school's topic: Circular Economy. Subtopics include:

- Paradigm shift: from “take, make and dispose” to “make, use and return”
- Circular thinking to reduce pollution and resource use in cities
- Division of power and responsibility
- Participation and sharing economy
- Planning requirements and cradle to cradle concepts

HIGHLIGHTS

Solving a real problem

1. work on real smart city solutions in the field of circular economy and **solve an actual client-based problem** regarding the Brainport Smart District area. The issues the clients are dealing with can range from technological problems to more feasibility or end user related ones. After the company pitch, you and your team members will select and co-write an assignment.
2. **expert lectures and hands-on learning sessions** will give you a better understanding of user-oriented smart city concepts related to the topic of circular economy and will provide you with the necessary knowledge to define the root causes behind the addressed problems.
3. critical reflection on smart city concepts and taking on various perspectives will lead you and your team to answer the **meta question** which will focus on the added value for all of the teams' clients and the connections and integrity of smart city solutions.

THE BRAINPORT SMART DISTRICT

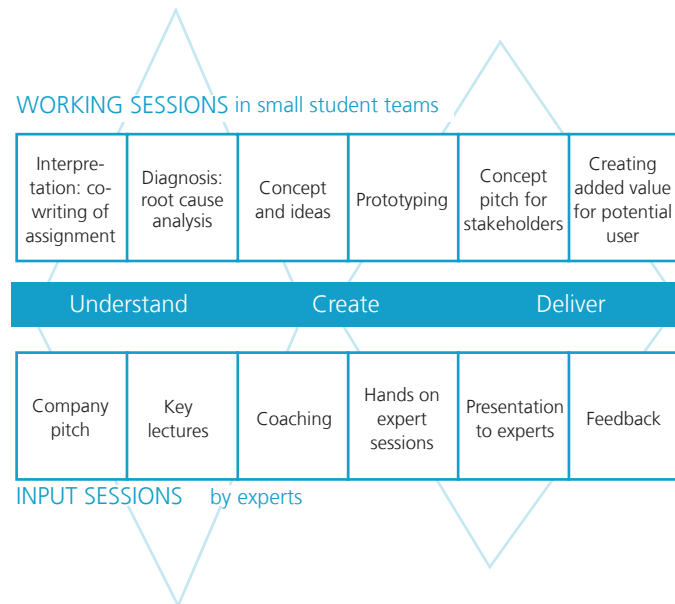
Smartest district of the world

The Eindhoven Brainport Region includes the municipalities of Eindhoven and Helmond. It has already been named the smartest region of the world 2012 and is home to numerous initiatives, such as a test track of autonomous vehicles and the EU Lighthouse district Strijp-S, within a unique ecosystem of scientific institutes, industry, municipality and engaged citizens. By 2022, the Brainport Smart District is to be developed in the most innovative, livable and adaptive smart city.

STRUCTURE

Understand, Create, Deliver

We offer you six days packed with intense working sessions and expert input. Creative techniques will help you to come up with smart solutions for the city of tomorrow. A collaborative learning experience in small multidisciplinary and international student teams and the expert input will offer multiple perspectives. Finally, you will create and pitch a new and self-developed idea for smarter cities and come up with a concept for testing your ideas in existing urban areas.



FACTS

What you need to know

■ WHEN AND WHERE

Arrival: Sunday, 20th of August 2017

Departure: Saturday 26th or Sunday 27th of August 2017

Location: Eindhoven University of Technology, the Netherlands

■ REQUIREMENTS AND APPLICATION

Currently enrolled in a Masters degree

Applicants must provide

- a brief letter of motivation (max. 2000 characters)
- certificate of enrolment at your current university
- proof of English proficiency (level B2 or higher)
- a CV including additional certificates

Applications are accepted until the 15th of June 2017 via the Morgenstadt Homepage

Notification of participation will be sent by June 30th 2017

Course fees need to be paid before July 31st 2017

Participants are required to have a valid visa and health insurance covering their entire stay

■ FEES AND ACCOMODATION

Summer school with accommodation: 800 euro*

Summer school without accommodation 500 euro

All fees include lectures, excursions, public transport and meals

* Accommodation is a single bed room and close to the main meeting facilities



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http://www.morgenstadt.de/en/events/summer_school_2017.html

The Smart Society Summer School is a joint initiative from the Fraunhofer Institute for Industrial Engineering IAO and the Smart Cities program of the Eindhoven University of Technology.