



## DUTCH SCENARIOS – RESILIENCE

Cities and regions all over the world are reinventing their positions; either driven by changes in national policies decentralizing governance or reacting to the reality of competition and collaboration on subjects such as economy, services or the changing number of inhabitants. This often originates from a desire or perceived necessity to respond to the changing ambitions of industries and citizens, as well as to global influences.

Due to the complex and intricate nature of upcoming challenges, there's a need to improve decision-making and policy processes just as much as there's a need to service and renew spatial structures as demands are changing. One can state that changes in urban developments are driven by changes in population and their needs. Energy and sustainability issues have become a common consciousness deserving appropriate response in terms of policy and spatial planning. One can easily add to these examples.

### design thinking

These current challenges are becoming more complex and interwoven. Fed by a large number of sometimes contradictory and definitely various ambitions they need to be addressed in a manner that justifies all involved. Changes are good. And by nature, changes are complex and difficult to implement. They are disruptive and evoke resistance. Change needs community, involvement and commitment. The more complex a challenge is, the more actors or stakeholders need to be involved, and the more inadequate traditional means to development becomes.

One needs to build robust solutions, or better, robust environments and contexts. Solutions tend to address current situations incapable of adjusting to changing realities. It is exactly those rapidly changing realities – economical, political and social – that have led to the realization that innovation in governance and policy-making processes is crucial for a city to keep operating successfully. Intelligent ways to address and implement developments are needed. Intelligent in terms of creating efficient and economically viable solutions for both processes and implementations; intelligent as in being informed by relevant parties. And the design practice in general is by nature the discipline to tackle complex challenges.



### Dutch Scenarios – RESILIENCE Studio

Dutch Scenarios – RESILIENCE is a case study based research & design program. Students from the University of Kentucky will take on the challenge to research global and national trend and ambitions related to create resilient conditions. The city of Delft will be the object of projection and testing through developing potential interventions for the municipality of Delft. Current ambitions and trends involve the position of the city of Delft in the upcoming Region Metropole Rotterdam The Hague, the relation between the Delft University of Technology and the city itself and generic European and global challenges.

We will research the current condition of Delft in relation to the region and in comparison to similar cities in Europe and the US. Main focus for the development of various scenarios is to enhance opportunities and ambitions and with a special interest to the built-environment.

Although the subject of research is realistic and based on actual ambitions and challenges the Dutch Scenarios studio will produce 'academic' results. It is not our aim to provide 'ready-to-use' solutions for either the municipality of Delft or other stakeholders. Our results need to be based on an open and suggestive approach and can be as extreme in terms of content and implementation conditions (financially / political / etc.) as the research and development of scenarios dictate. As much as the developed scenarios and proposed (spatial) implementations are grounded in actual conditions and political, economical or cultural ambitions they are meant to question and unveil exactly those premises.

The studio will be run as a design office. We will work as a team, producing results both individual and as a group. Our studio is located within a collective office with professional interior designers, architects and artists. In principal we will work five days a week for an eight week period during which we will also visit sites, exhibitions and lectures in the Netherlands and abroad.

Participants will gain skills in managing complex and wide-ranging design related needs and ambitions, through developing inventories, (comparative) analyses and finally extreme scenarios that unveil otherwise hidden potential. As these processes depend heavily on communication, the development of information design (of infographic design) is integral part of this studio.



(Tentative) Program

8-week program: June 3 – July 26, 2019 (housing will be arranged for the period June 1 – July 31, 2019)

|                      |              |
|----------------------|--------------|
| Arrival in NL        | June 1 - 2   |
| Start Studio         | June 3       |
| End Studio           | July 26      |
| Departure from Delft | July 27 - 31 |

Program will combine:

research & design program

graphic design workshop (producing 'newspaper' documentation)

attending local lectures & exhibitions at TU Delft, Berlage Institute, Academy of Architecture Amsterdam, Dutch Architecture Institute according to offered programs and interest of studio

trips to architecture in NL / EU (Italy, Berlin, ...)

exchange with students Delft University of Technology

discussions and critic sessions with stakeholders (municipality, university, etc.)

The studio will take place when at least five students have subscribed (no EU-trip), with 6 – 8 students also a EU-trip will be included in the program. The studio is limited to eight participants.

reference:

Delft Scenarios 01: <http://bureaubakker.com/portfolio/delftknowledgecity/>

Delft Scenarios 02: <http://bureaubakker.com/portfolio/citycampuscampuscity/>

Delft Scenarios 03: <http://bureaubakker.com/portfolio/delft2050/>

Delft Scenarios 04: <http://bureaubakker.com/portfolio/region-metropole/>

Info: Siebe Bakker: siebe@bureaubakker.com

& students attending previous studios



(Tentative) Program

exact dates and program elements will have to be adjusted to specific conditions related to exchange with stakeholders / University Leiden / Delft University of Technology, lectures series and travel opportunities.

week 1: 1-day workshop on design thinking (IDEO methodology...)

lectures /discussions with representatives Municipality Delft + other stakeholders

start inventory 'Delft' assignment (location / program / context: economical, spatial, social, etc.)

fieldtrip NL

week 2: fieldtrip Delft + surroundings

inventory + lectures /discussions with representatives Municipality Delft + other stakeholders

start analyses (inventory results – will drive further inventory)

week 3: 'finishing' inventory / analyses / start scenarios

start design proposals (areas of interest)

week 4: review (inventory, analyses + start scenarios)

week 5: lectures /discussions with representatives Municipality Delft + other stakeholders

finishing analyses / scenario development / design proposals

week 6: fieldtrip NL/BE?

workshop with graphic designer on graphic language for analyses / data / etc.

week 7: design proposals

finishing 'newspaper' publication

fieldtrip EU

week 8 development final presentation (digital): presentation + evaluation

