

EXERCISE 03

Prototype

Definition Prototypes

Prototypes are new concepts, ideas and innovative projects that enable the reorganization of existing processes and the initiation of new ones.

Exercise 3 > Prototype

In the third exercise we will design a LOW CARBON Prototype based on at least 2 of the Miniscenarios [MS] and at least 2 of the Operational Fields [OF]. In order to develop a LOW CARBON Prototype, a selection of processes analyzed in the operational fields will be combined and amplified. On the basis of Mini Scenarios [MS] and Operational Fields [OF], an idea is formed of what are deficiencies and opportunities in space. A hybrid novel idea can be put forward in a form of a Prototype that addresses many problems at the same time. For example, a Prototype would be a smart public space that in addition to being a public space caters for social inclusion between local population and government and creates energy for sustainable development of adjacent real-estate. The following questions need to be focused on:

1. What are the interrelations between Miniscenarios [MS], Operational Fields [OF] and Prototypes [PT]?
2. How can the combination of processes lead to a LOW CARBON Prototype?
3. How does the Prototype impact on future urban processes?

Studio Work

All groups need to adjust their Operational Fields [OF] according to the feedback of the presentations and upload them (according to upload schedule). The designs of the Prototypes [PT] need to be uploaded online as well. All information needed to succeed in the task was already given on **Thursday, the 25th at 10 am, Halle 7.**

Tasks of Week 2

Every group works on the design of one Prototype and draws up plans and sections, as well as a close-up perspective and a view from further away (for example a bird's eye view). Graphs and diagrams will be used to demonstrate the behavior of the Prototype. You will choose one of your own [OF] and add at least one [OF] of other groups within Tegel or other Urban Galleries published.

New Students

Groups 08 – 11 will necessarily work on Exercises 01/02 as well and publish it to the Urban Gallery. Your login to wordpress is “GroupXX” and your password is “GroupXXpass” (XX replaced by your group number). You will do 6 [MS] spread around your parts of the map and 1 [OF] per Person to learn about the area and research for your [PT1].

Deliverables and Presentation

0. Redefine and evolve Operational Fields and upload online according to upload schedule.
1. Develop a **concept** for a prototype **including** at least:
 - A **diagram** that shows how the Prototype is organized and how it connects the [OF] that you used
 - A **diagram or graph** that shows how the [PT] would impact on energy behavior in relation to i.e. lifestyles, consumption and GHG emission etc.
 - **Plans** and **sections** of the prototype detailed down to **1:50** and **1:200**
 - Two **perspectives** of the prototype (one close up, one further away)
2. Upload all material defining the Prototype onto the Urban Gallery website following the upload-schedule
3. Present in **BEFI (Branding, Earth, Flow, Incorporation)* format** on Thursday, 01.11.12, 2 pm (A 816)

***BEFI** is described further in the **Urban Gallery Reader** at www.urban-gallery.net/tegel under Studio Material, page 37 - 40.