

# Redesign.

Nurhan Abujidi  
John Van Oorschot

# Smart

# Urban

# Redesign

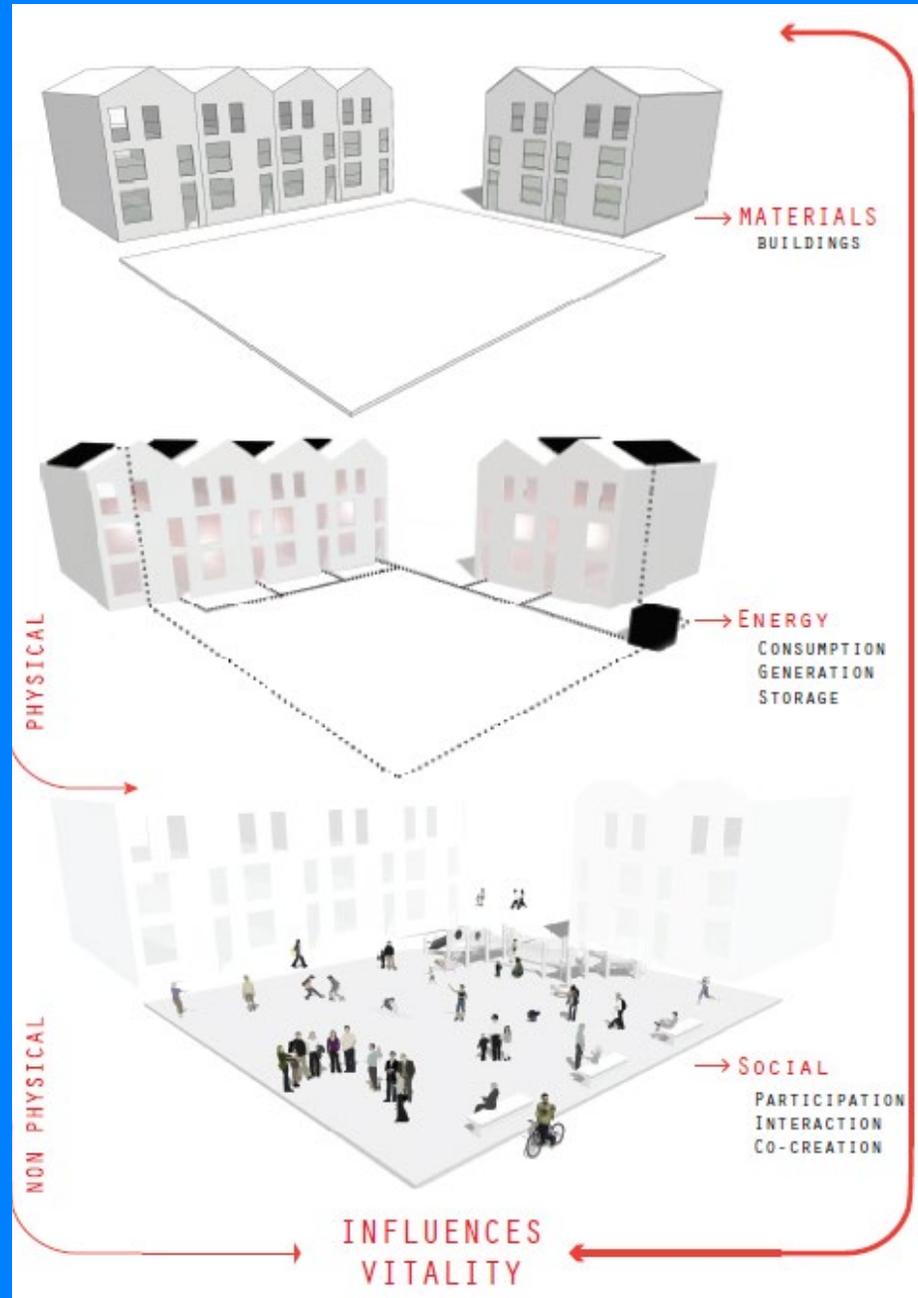


**Superlocal : toward a circular built environment;  
the Phoenix perspective**

## TOOLS FOR URBAN RECOVERY

- Introduction: Smart Urban Redesign
- Lessons learned the Palestinian – Dutch context
- Superlocal case study

# Mission



Contribute to the definition and development of the future identity of the Limburg region by improving liveability, life quality and well-being in neighbourhoods using technical and non-technical solutions.

The Ultimate Goal is to contribute to Energy neutral, Circular, Vital and Inclusive neighbourhoods.



### The Netherlands - Limburg

- Post industrial (mining )region
- Socio-economic challenges
- Old housing stock
- Absence of identity
- Absence of public space concept

### Occupied Palestine

- Decades of continuous destruction of built environment and natural (cultural) landscape
- Deteriorating economy
- Continuous siege and mobility restrictions
- Old network of infrastructure



PHOTO BY EZZ AL ZANOON

Gaza 2014

# Limburg

Against the background of this immense landscape drama is a more intense, but interrelated narrative. The struggle is what to do with a lost heritage, and landscapes, and the economic void left by their closure?



- In the waiting for big structural projects (expensive and long term)
- Aid political agenda's

**How can urban living labs and tactical urbanism facilitate the start of urban transformation?**

**Integral vision - interdisciplinary**

**Ownership- commitment - engagement**

**Design for people& with people.  
Participatory – bottom-up**

**Start small – tactical intervention**

**Local resources**

Transversal learning process  
Impacts

Citizen

Housing  
association

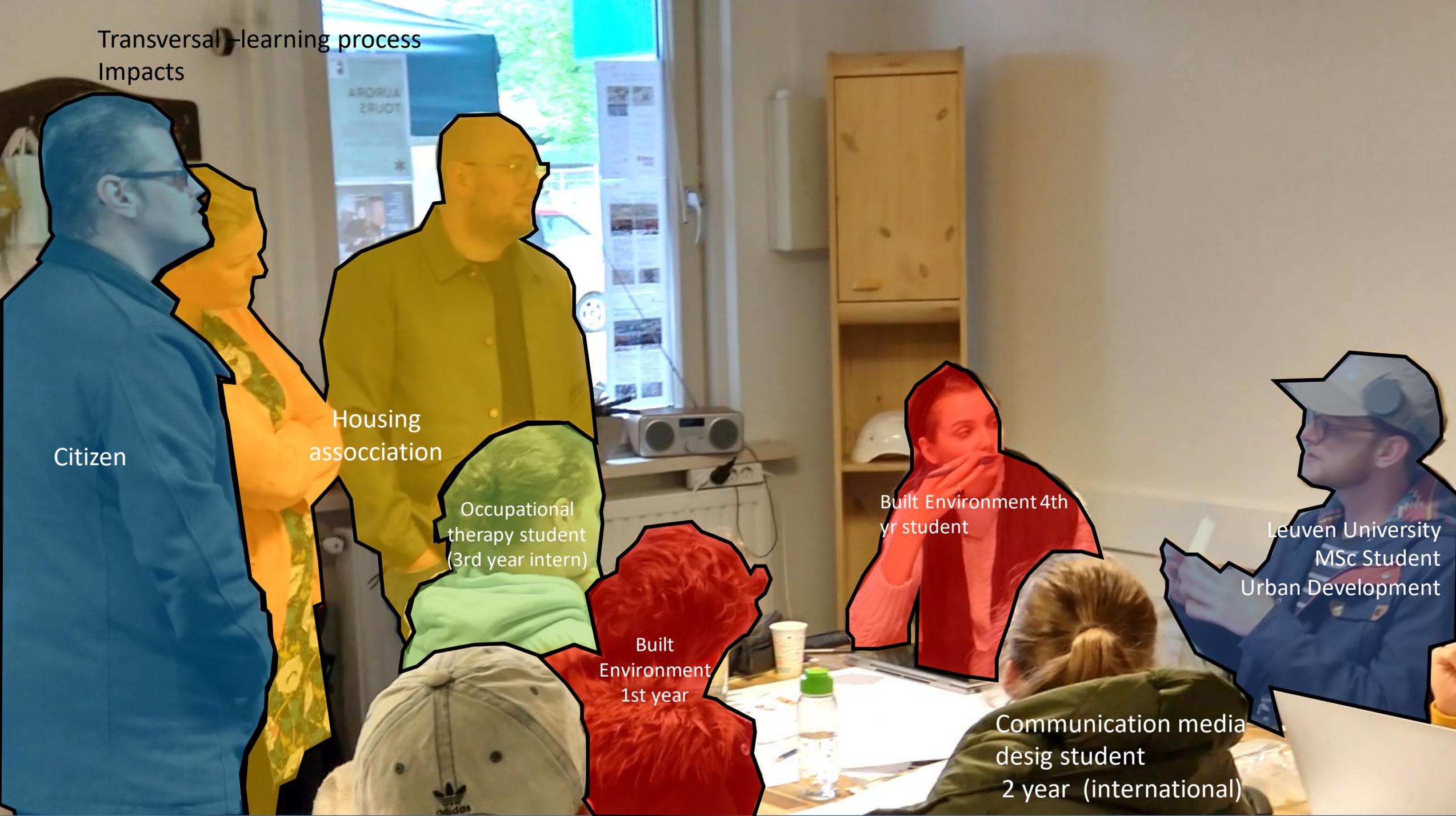
Occupational  
therapy student  
(3rd year intern)

Built  
Environment  
1st year

Built Environment 4th  
yr student

Communication media  
desig student  
2 year (international)

Leuven University  
MSc Student  
Urban Development



**SURD Design  
week Nov.  
2021**

**Winnend ontwerp dat opgenomen is in het  
wijkontwikkelingsplan GMS**

**Herontwikkeling binnen- en parkeerplaats  
Aurora flat.**

**Tijdelijke sociaal-culturele voetgangersbrug  
tussen het Maankwartier en Lange Jan Park.**

Section S1



**Integral vision - interdisciplinary**

**Ownership- commitment - engagement**

**Design for people& with people.**

**Start small – tactical interventions**

**Local resources**



Action Research  
in co-creation with local  
community and  
stakeholders



Introductions by diverse stakeholders



Guided tour with inhabitants



Creative design



Creative design



Intermediate feedback session with professionals & inhabitants



Presentation of final results and discussion with inhabitants & professionals



Presentation of final results and discussion with inhabitants & professionals



Informal meeting with inhabitants during pizza evening



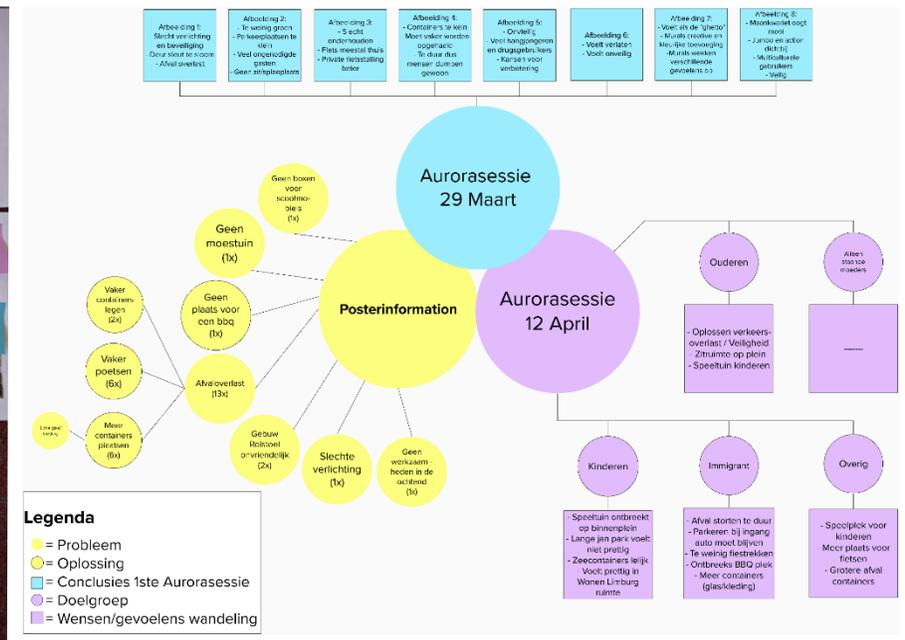
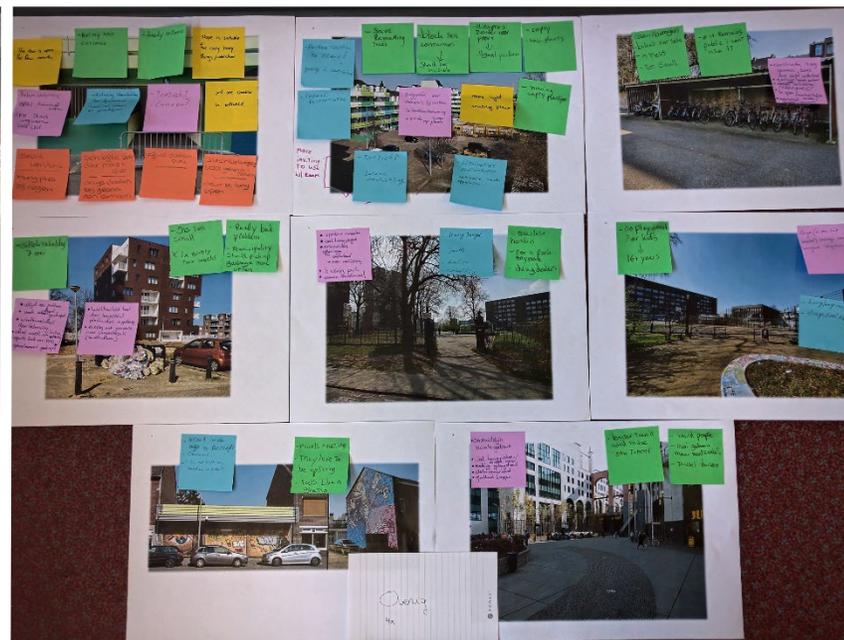
Walk 'n talk with inhabitants



Sessions with diverse groups of inhabitants



Sessions with diverse groups of inhabitants (kids, elderly..etc)



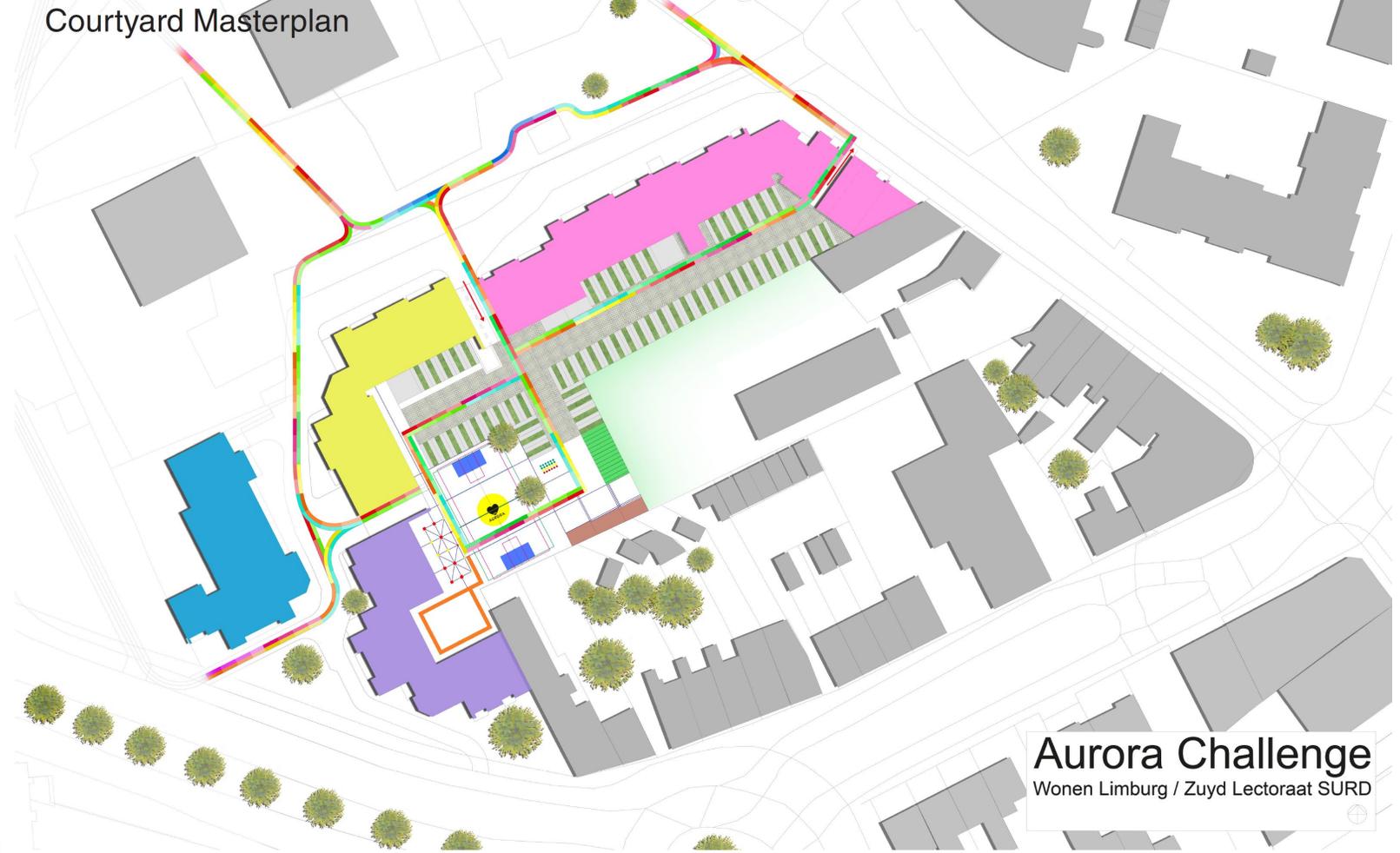


How to transform this into a social, playful and climate adaptive, communal space?

# Aurora United

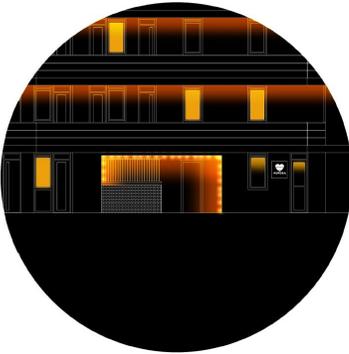
Poorya Egthesadi  
Sabine Van Beurden  
Sem Stachowski  
Iris Berghuijs

## Courtyard Masterplan



**Aurora Challenge**  
Wonen Limburg / Zuyd Lectoraat SURD

### Lightning Concepts



### The Manual (The Courtyard that can do anything!)

1.



2.



3.



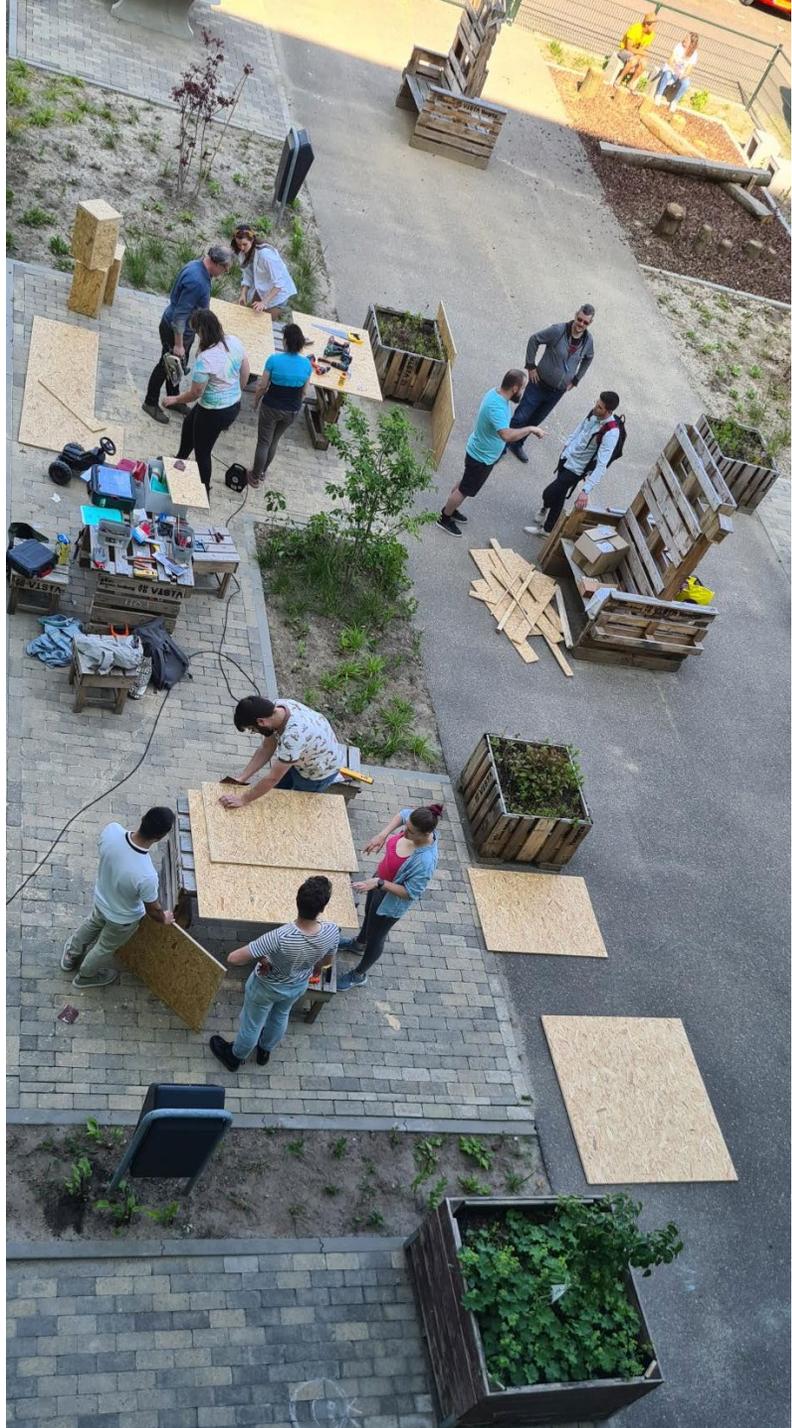
4.











**Integral vision - interdisciplinary**

**Ownership- commitment - engagement**

**Design for people& with people.  
Participatory – bottom-up**

**Start small – tactical intervention**

**Local resources for value creation**

Some examples from the occupied  
Palestinian territories

Nablus historic center reconstruction 2004



Gaza reconstruction - 2015





Renovation of historic centers – Bethlehem, nabi saleh

Traditional building techniques - materials



Shamsard housing project – Jericho  
<https://dezzme.wordpress.com/2013/10/27/shaded-by-earth-the-earthbag-house-in-jericho-palestine/>

ZU  
YD



New brick based on local resources as a replacement of cement

Gaza

'We compose a homogeneous mixture by conducting a soil treatment through pressure, to which we add welding natural materials such as potassium carbonate, ground limestone powder and a small quantity of gypsum, to form an initial coherent product in the brick production. Yet, the strong cohesion begins after it is used and continues to solidify for hundreds of years, and to harden dozens of times more than its initial form. This means that the brick increasingly hardens with time, and has its own characteristics'.

Read more: <https://www.al-monitor.com/originals/2014/12/palestine-gaza-reconstruction--siege-new-technology.html#ixzz83aHtXEam>

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