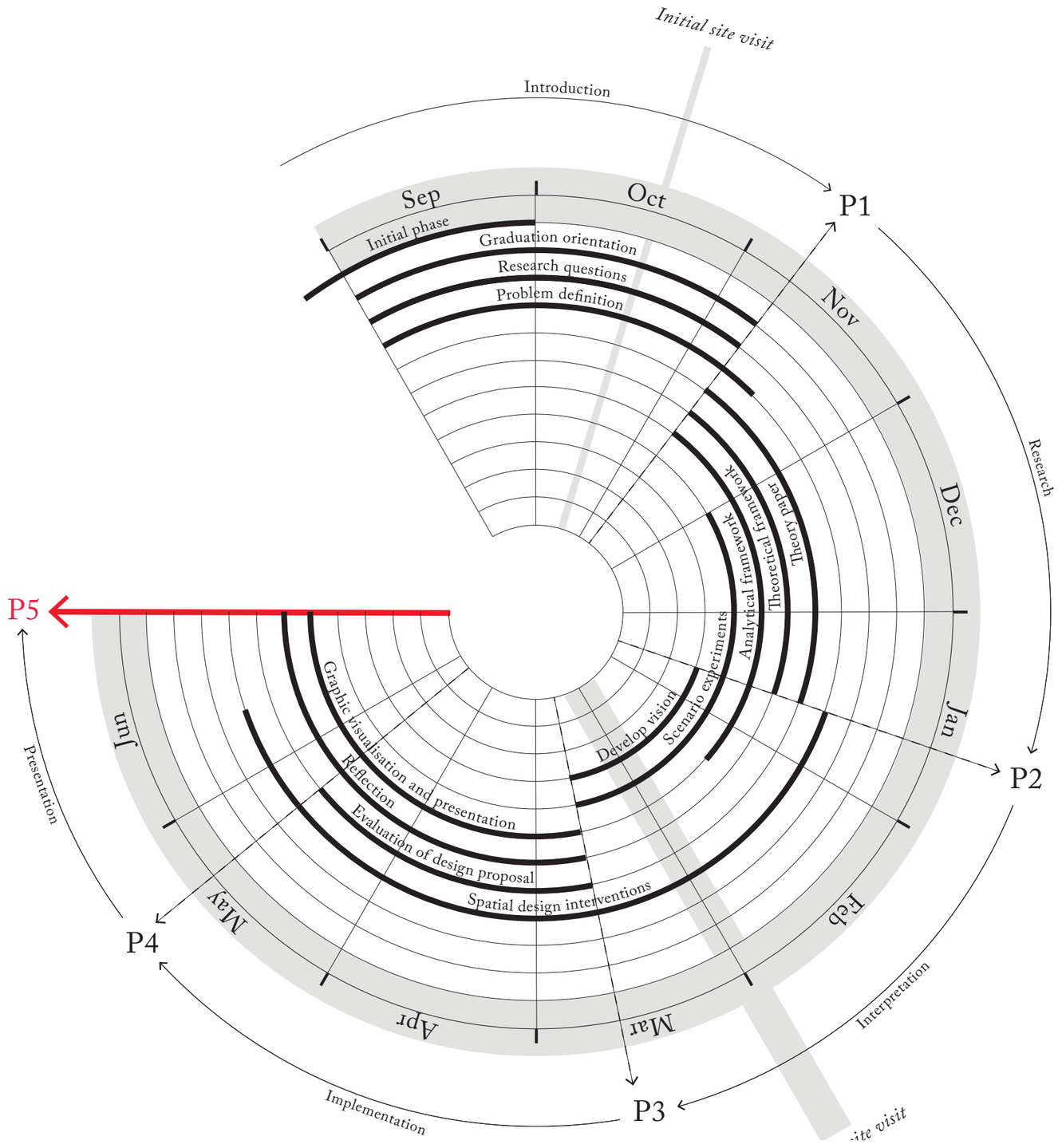


Good afternoon

CHRISTIANIA: The alternative neighbourhood

An urbanism project on the prospects of freetown Christiania through inter-scalar design interventions where culture is the catalyst for urban regeneration in the city of Copenhagen

By Louise Kragh Hjerrild



Time schedule

Introduction
Selection of project theme: Christiania

Problem framework
Clarification of threats through different scales and which problems to address

Research question
And sub research questions

Theoretical framework
Clarification of qualities in Christiania and thereby opportunities for its future role

Analytical framework
A historical and empirical data analysis on all scales

Experimental framework
Experimenting on the future role of Christiania in Copenhagen through what if scenarios

Design framework
From the scenarios, a inter-scalar spatial design is created to deal with threats and solve the research question

Elaboration
Revising the design content and supporting with non-spatial policies

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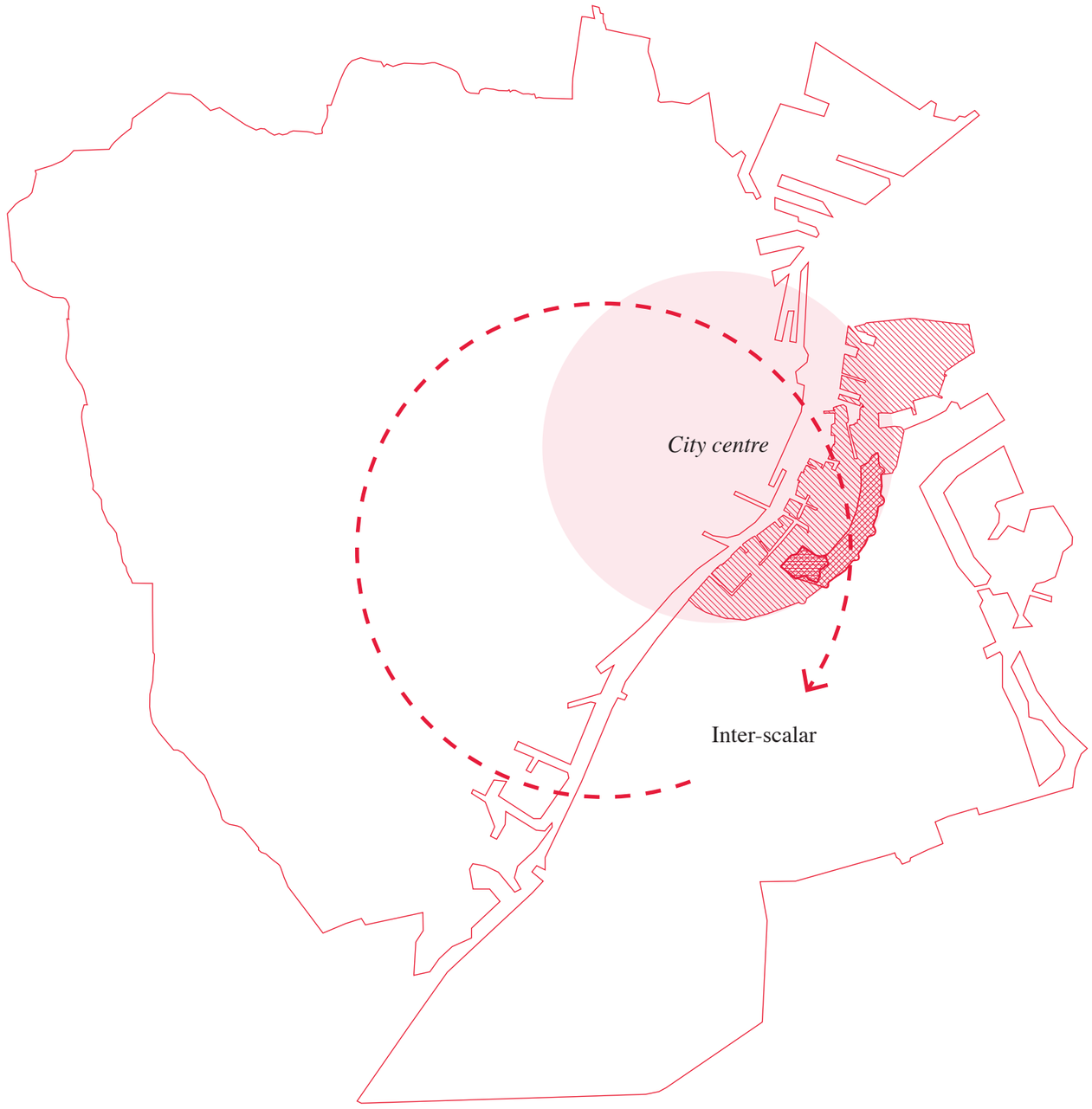
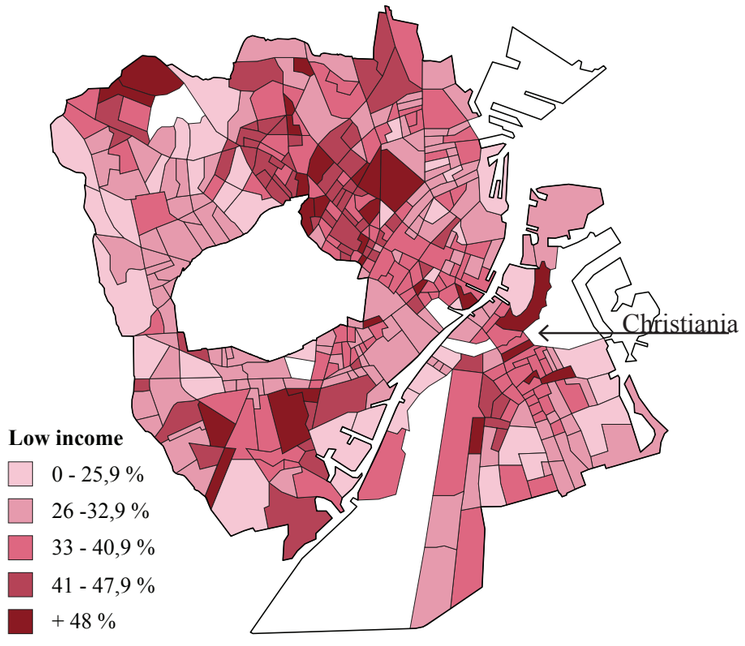
Presentation structure

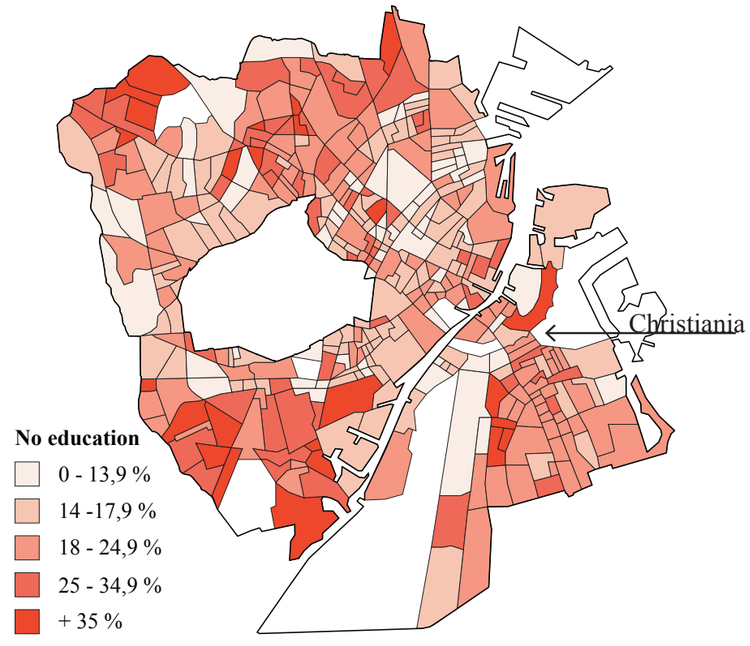


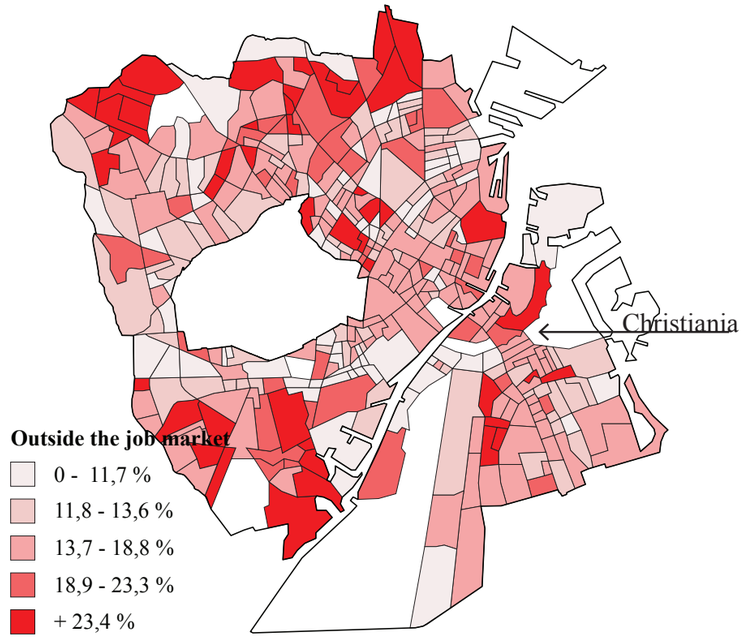
Storyline

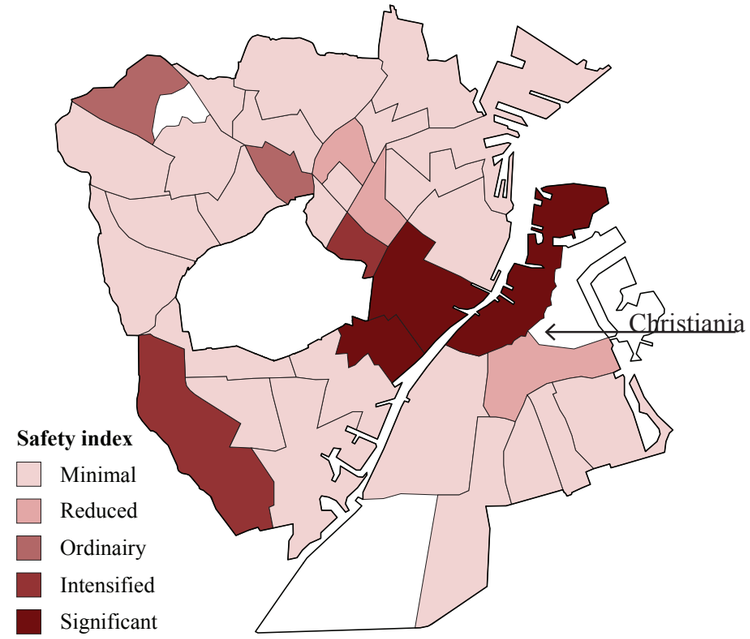
Copenhagen



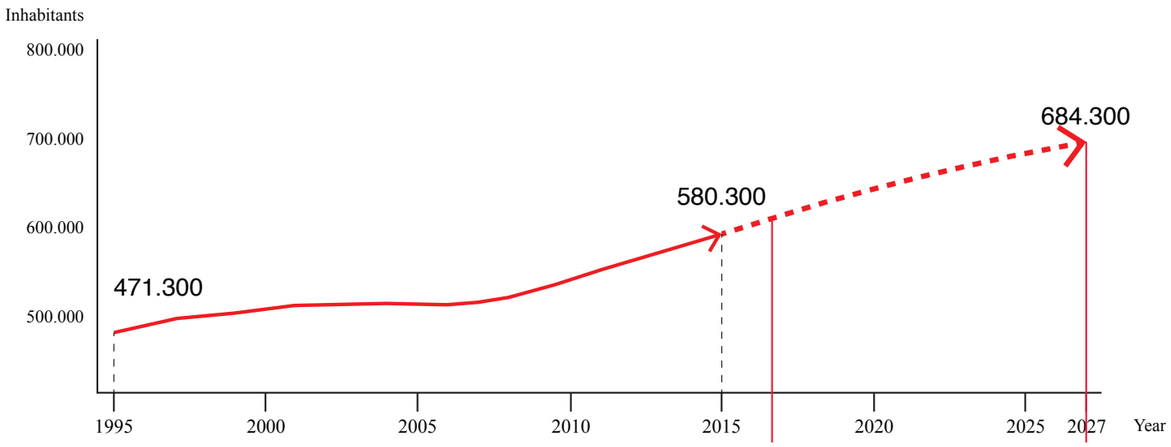

Christiania
Low income
0 - 25,9 %
26 -32,9 %
33 - 40,9 %
41 - 47,9 %
+ 48 %


Christiania
No education
0 - 13,9 %
14 -17,9 %
18 - 24,9 %
25 - 34,9 %
+ 35 %


Christiania
Outside the job market
0 - 11,7 %
11,8 - 13,6 %
13,7 - 18,8 %
18,9 - 23,3 %
+ 23,4 %


Christiania
Safety index
Minimal
Reduced
Ordinairy
Intensified
Significant

Trends



Population density



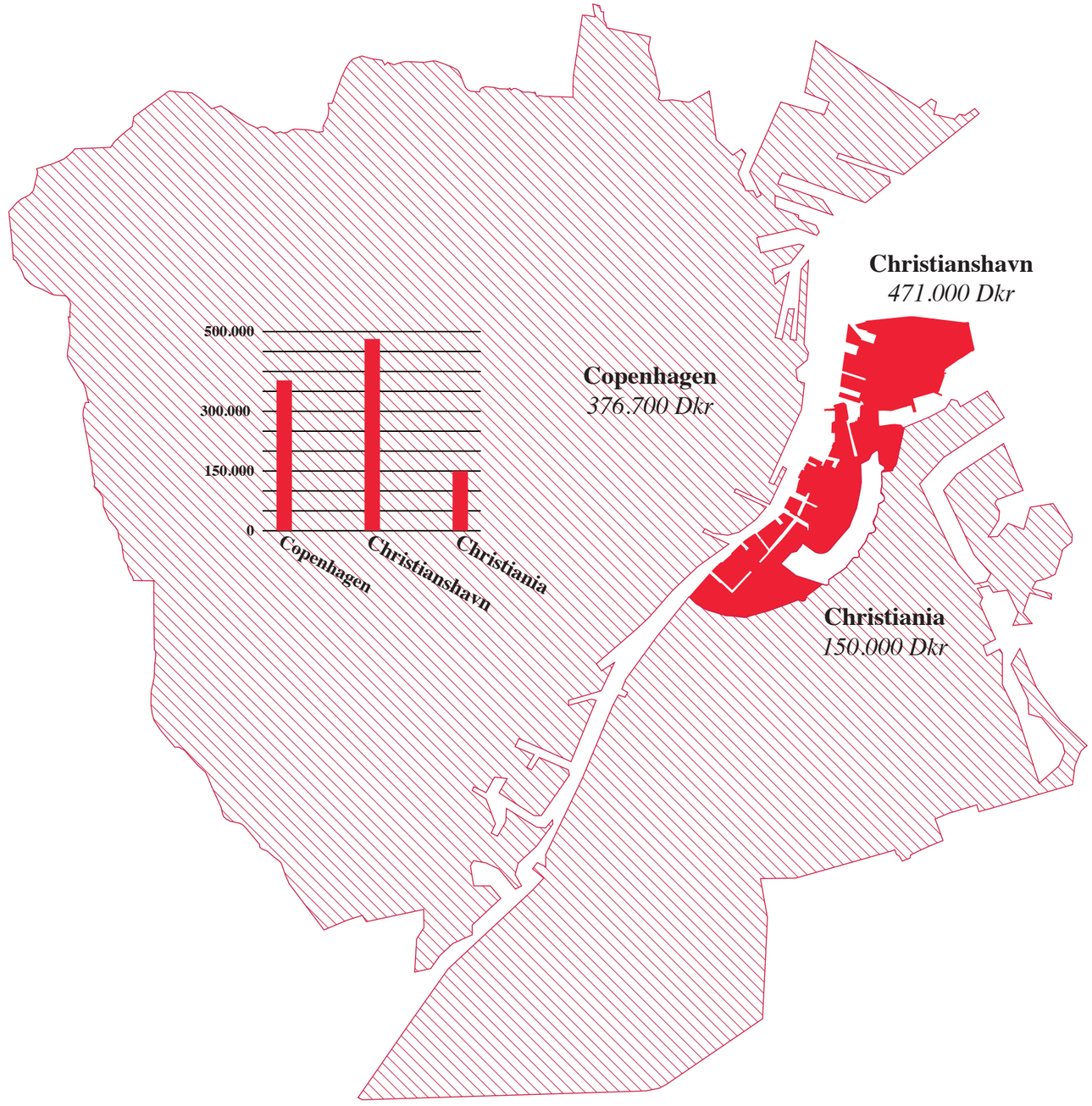
Demographic prognosis





Christianshavn

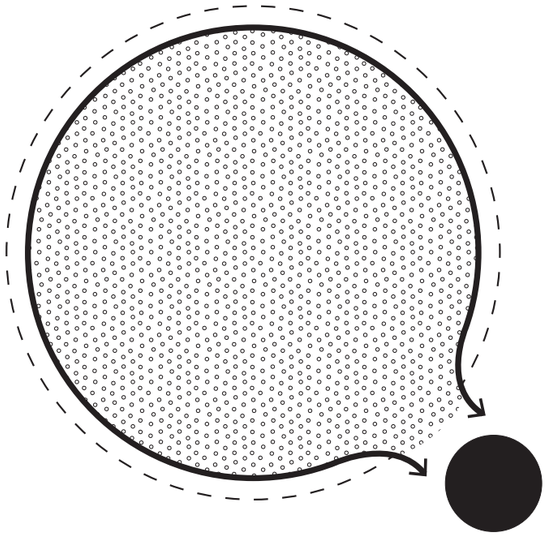

Defense system



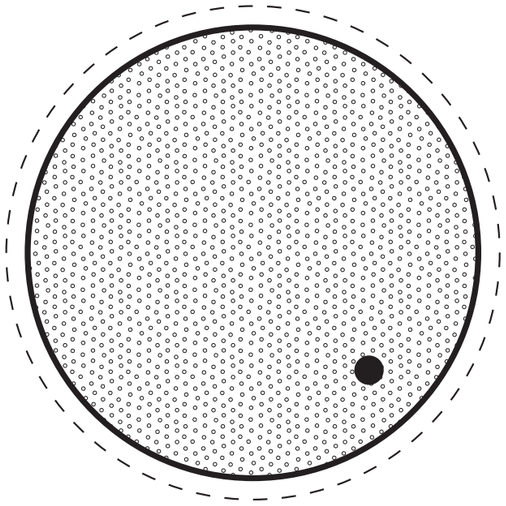
Household income

Christiania

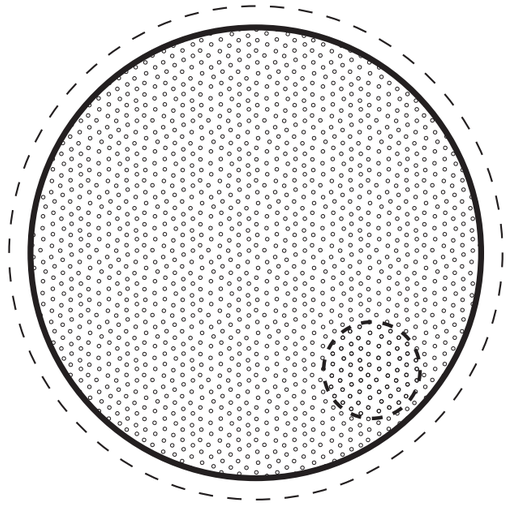




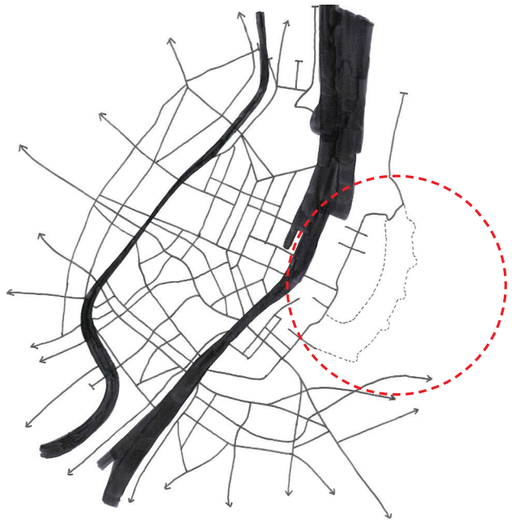
Physical segregation

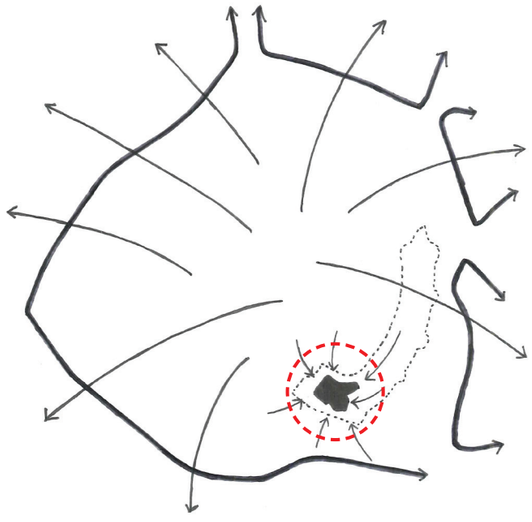


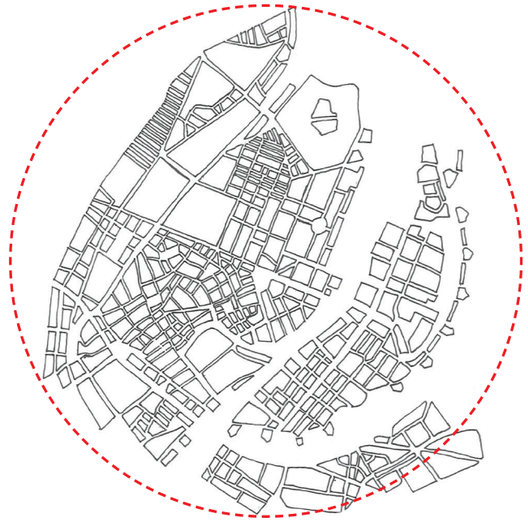
Population shrinkage



Socio-spatial normalisation







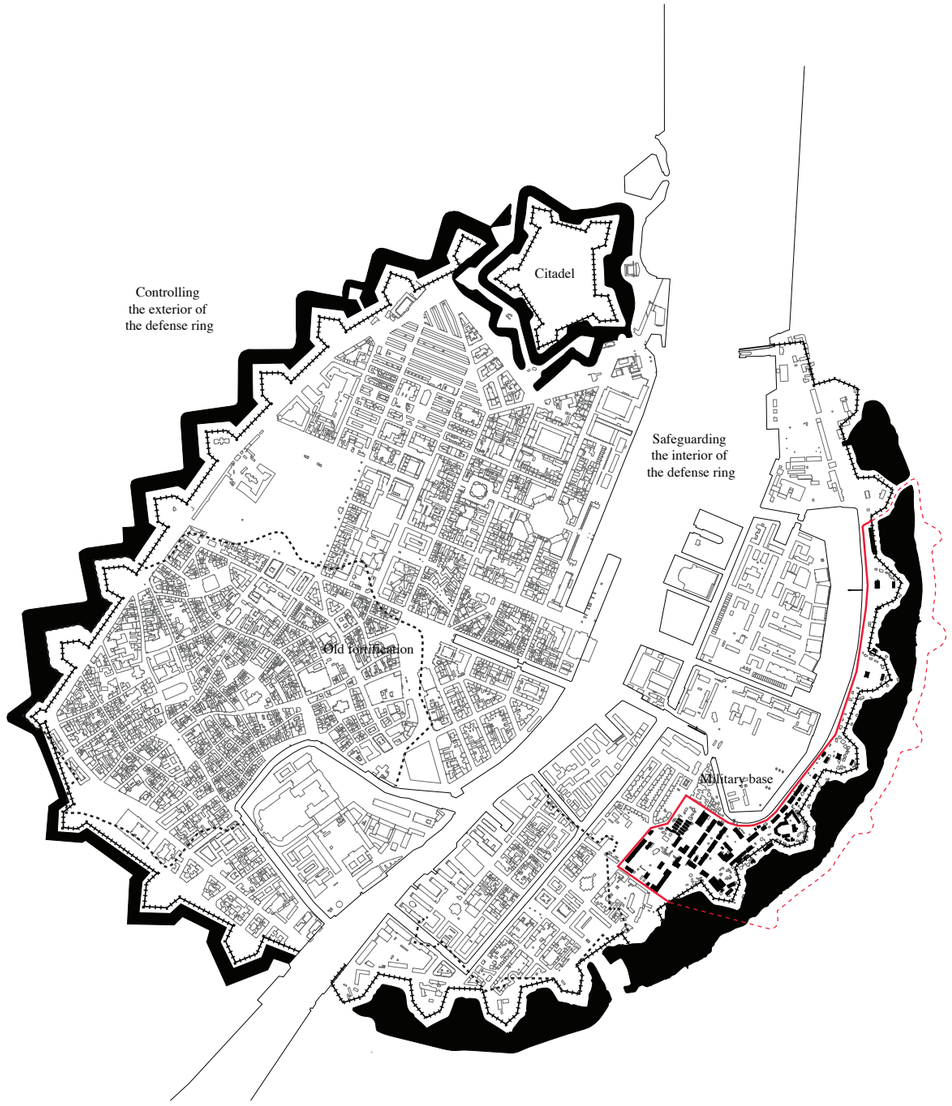
Problem statement

Research question

How can culture regenerate Christiania as an alternative neighbourhood while repositioning the city centre through inter-scalar design interventions using experimental methods?

Background







Military base

“…you can not kill us, we are part of yourself… ”

from Christiania’s national anthem 1975





Becoming Christiania





Self-organised community

















45 years survival

1. Collective action (taking initiatives)

2. Environmental awareness

3. Self-organised maintenance and governing

4. Cultural programming and reactivation (through diversity)



Music, staging and celebrations
Theatre, street performance with political messages, music production and 18 music stages



Art and architecture
Experimentation through art and architecture, manages museum for self-made art



Arrangement of physical and personal space
Collective housing and shared facilities, nothing is owned individually



Self-concept
Very liberal, everyone are welcome but in particular minority groups; poor, homeless, weak, ill, unemployed, young, children, animals etc



Aesthetic ideals
Self-built houses in natural environment



Rules
Self-governance: No cars, no violence, no weapons and no hard drugs

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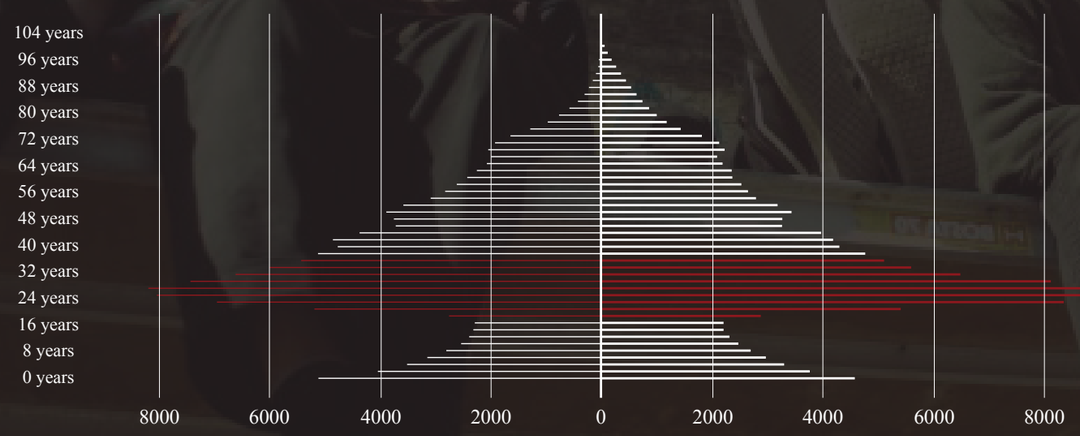
Cultural diversity



Culture as opportunity

Demographics

Demographic pyramid, Copenhagen
4th quarter of 2016



Demographic pyramid, Christiania
2013





Barike

I would ***make Christiania larger***, so there is more space for good people. Not everyone are suited to live here and take part of the community, but it should stay ***inviting and friendly***. When you sit on something so precious as Christiania, it looses it's value if you don't share it. It should not be enclosed, but ***be open*** and shown to people.



Nico

Christiania can not just disappear. Christiania is an idea and ***will live forever.*** I dont see a bursted dream, but an endless hope. But we need the ***younger generation*** to lead the future process of our neighbourhood. And I hope to see more ***entrepreneurs and innovators*** who can bring fun ideas and good energy. The old generation were hippies but the new generation are happies and full of hope.



Mathilde

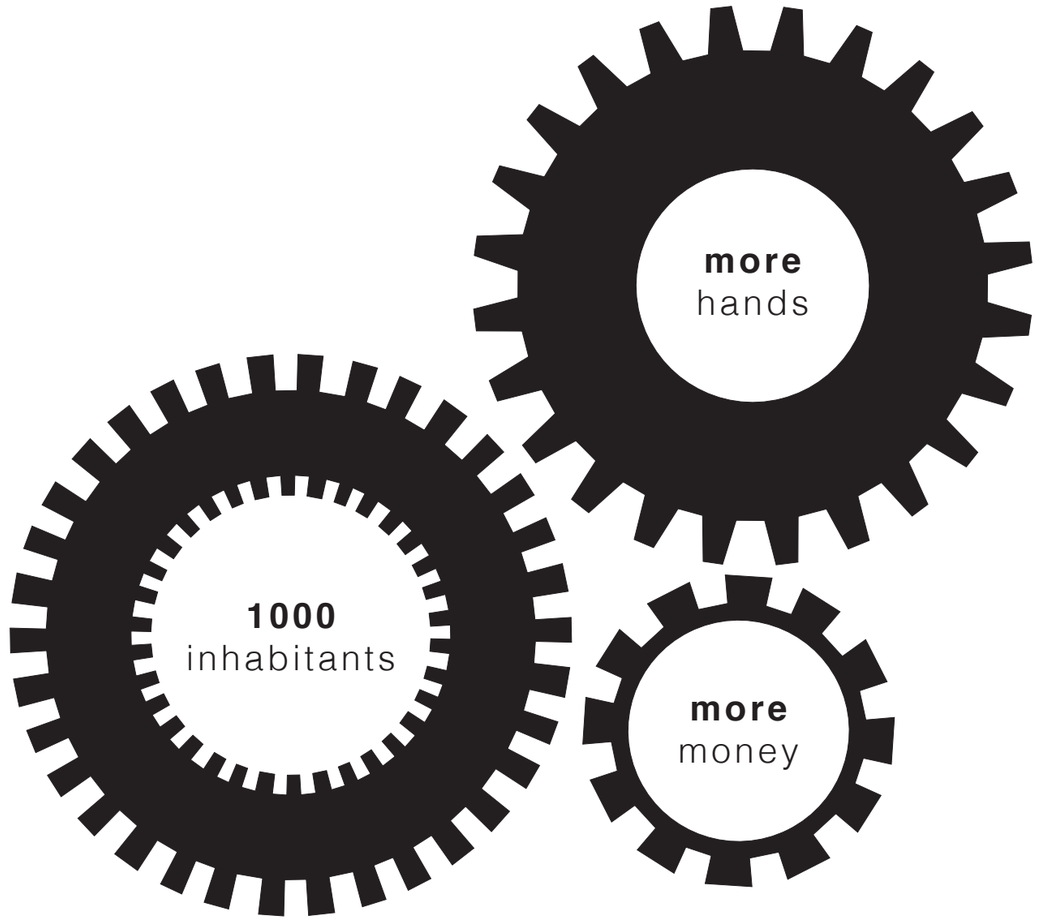
I dream of a Christiania which dare to ***be in front***. This requires more structure and a sense of ***leadership***. I also dream of a Christiania which is concerned about other things than only hash. It takes too much space. And there are so many other qualities which deserves attention. ***Art, freedom, children and the beautiful nature***. Everything else besides hash.



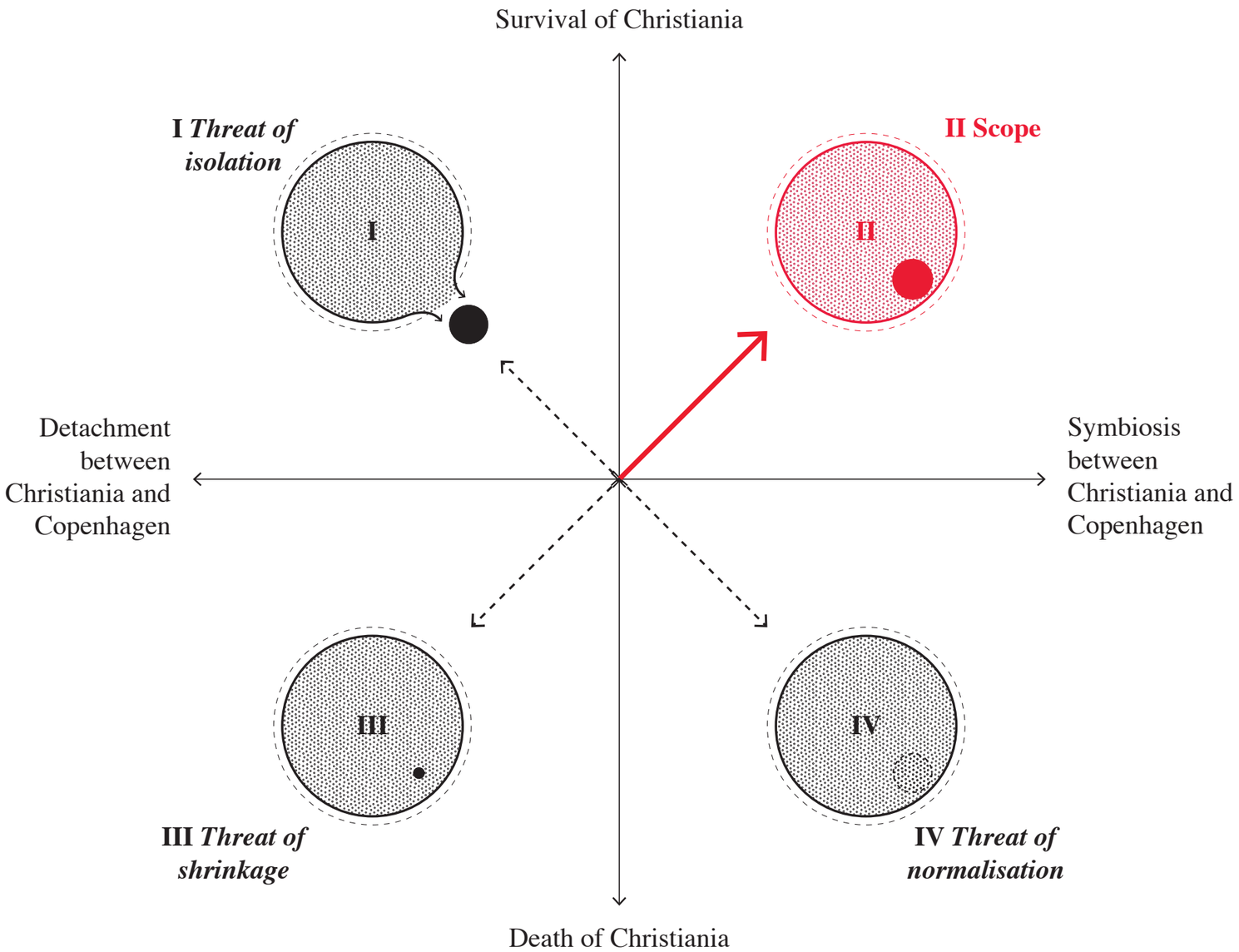
Amanda

Im dreaming of a ***self sufficient*** Christiania with own grown vegetables and animals around. Sadly, the soil is too contaminated to develop farming. I would like to create more of the envisioned ***housing*** from back in the days, for Christiania to grow. But I'm afraid that it will end up as a similar neighbourhood like Vesterbro or Østerbro.

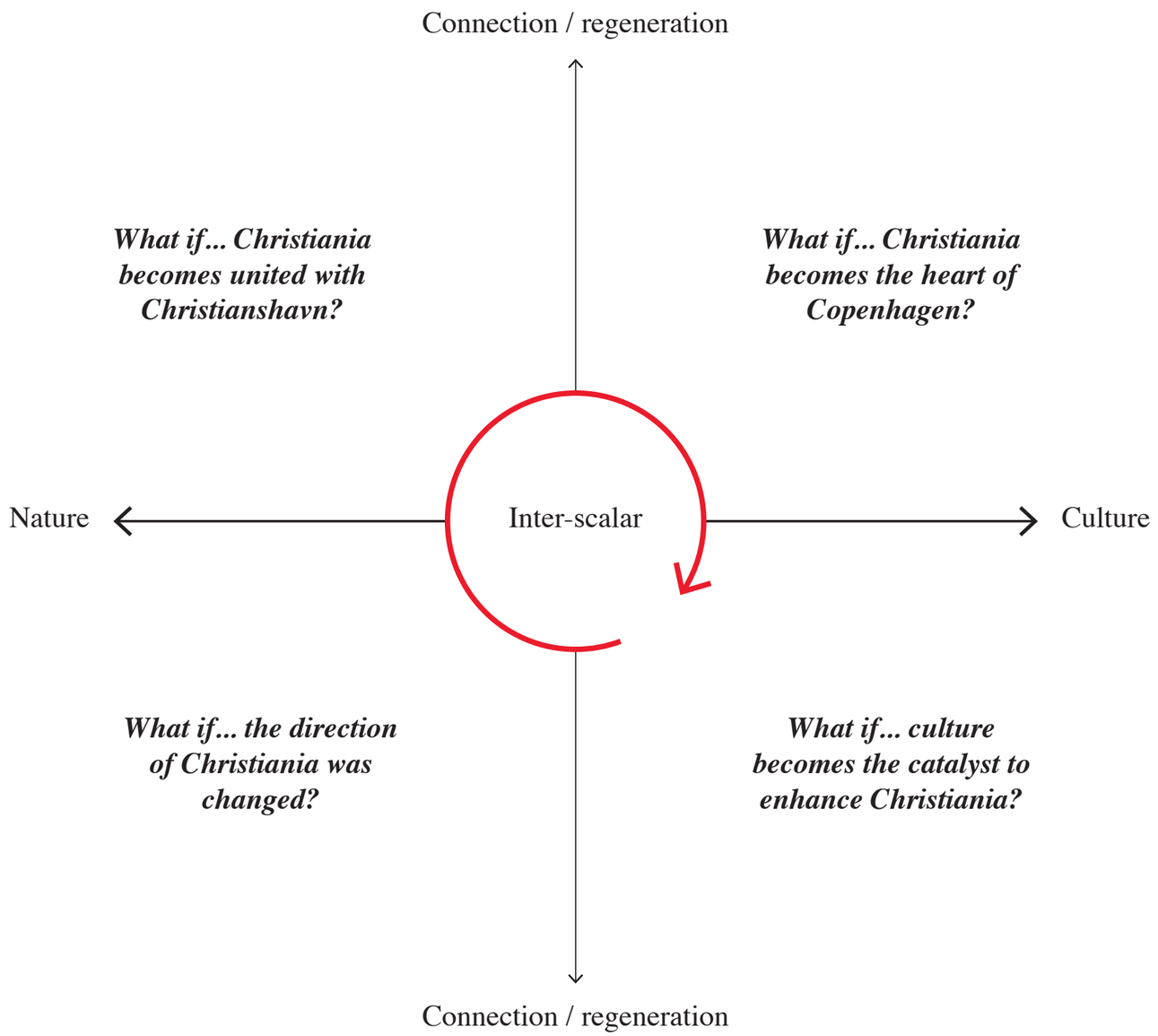
Young Christianites



The Christiania machine

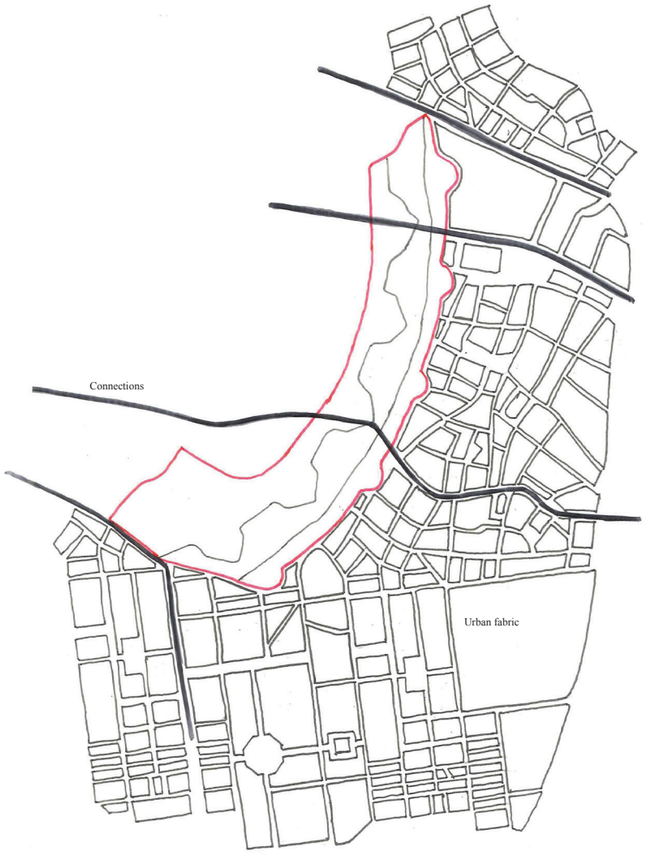


Experimentation field



What if scenarios



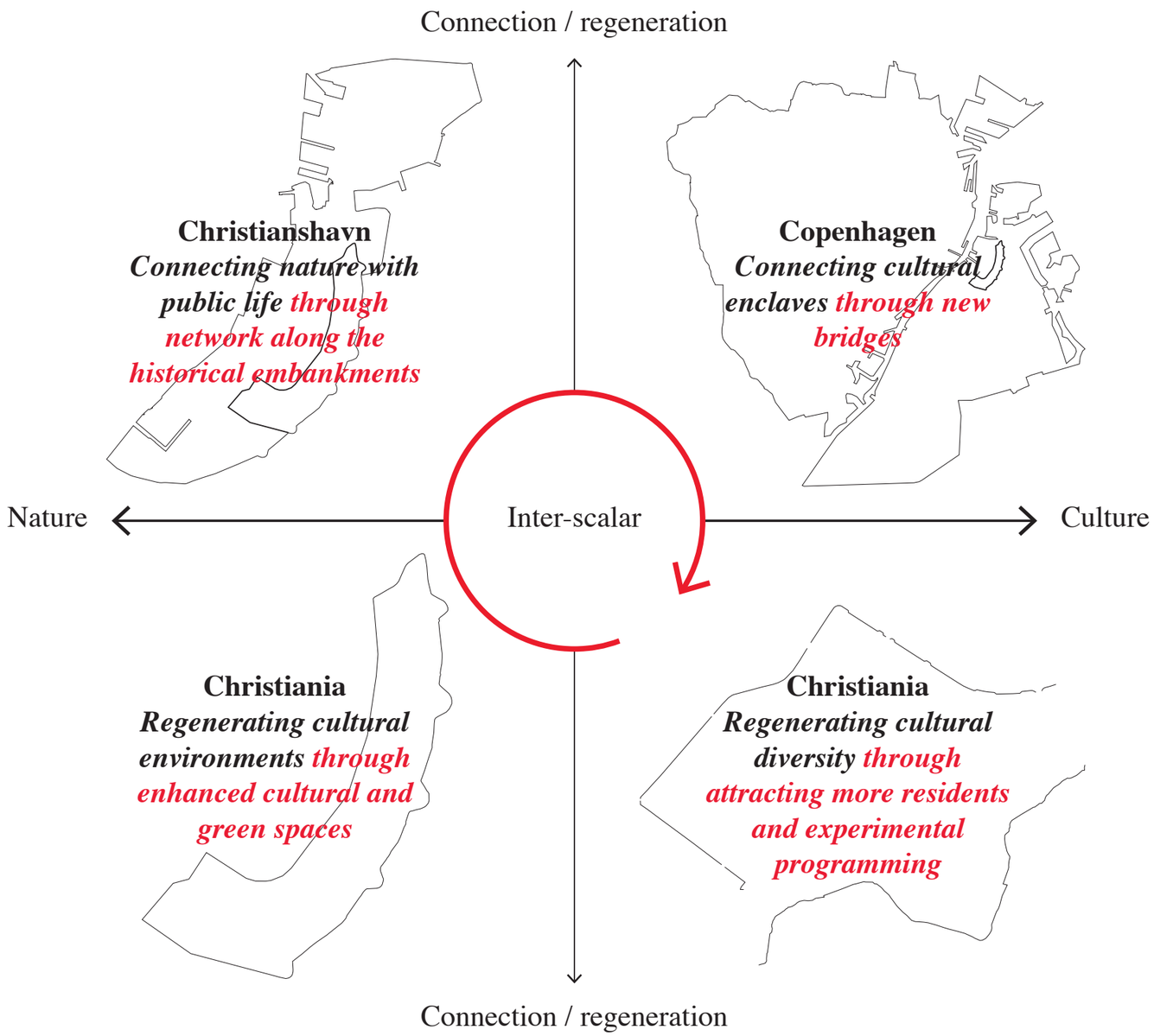


Connections

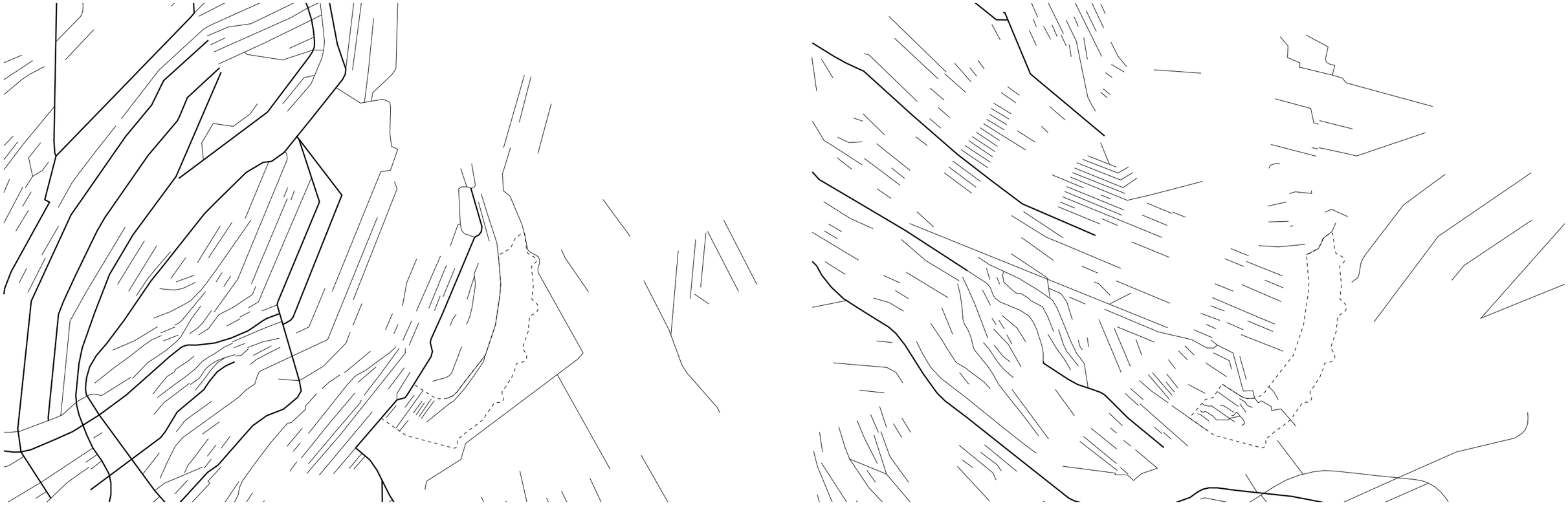




Culture as opportunity



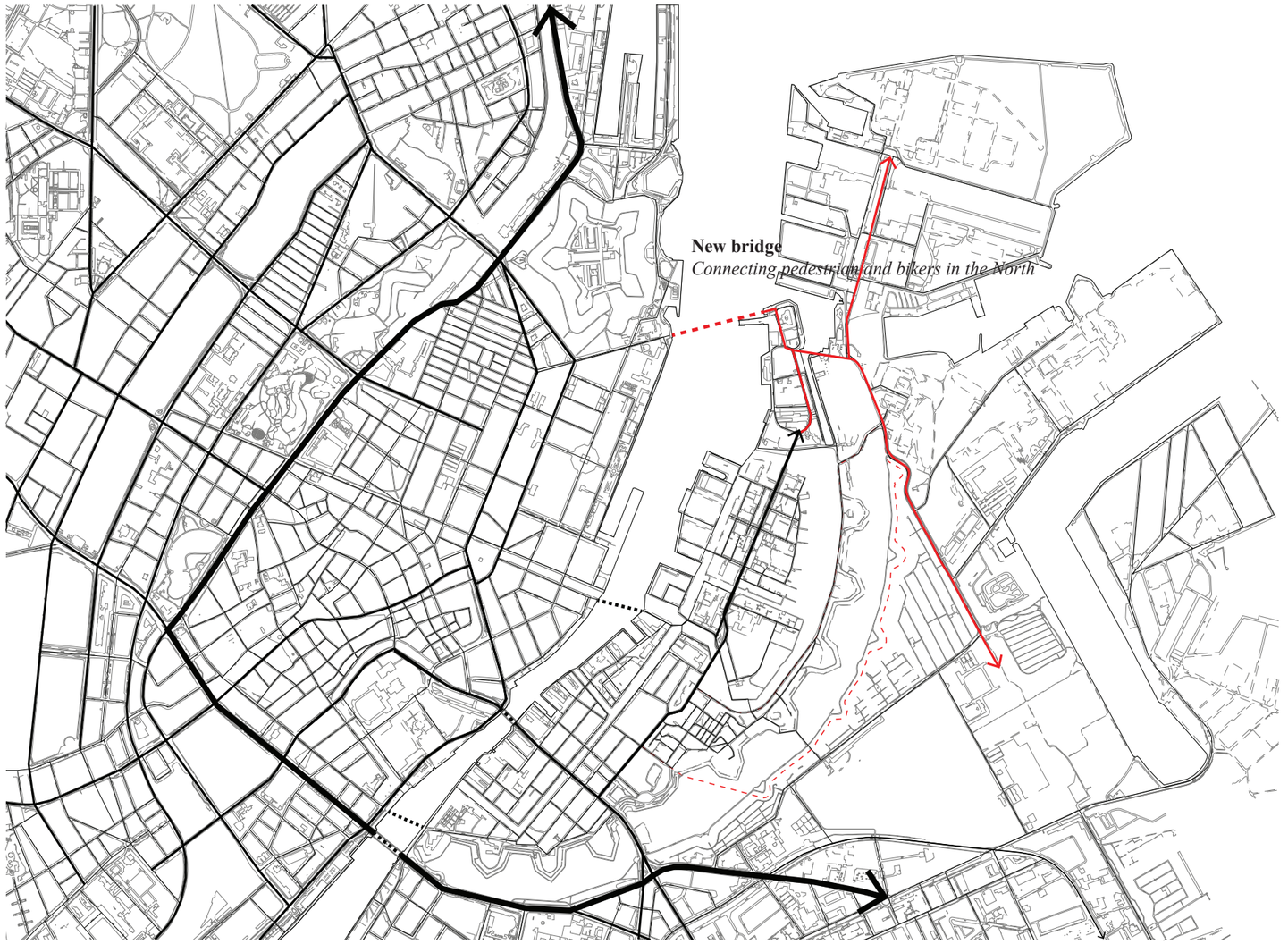
Culture as opportunity



Infrastructural patterns



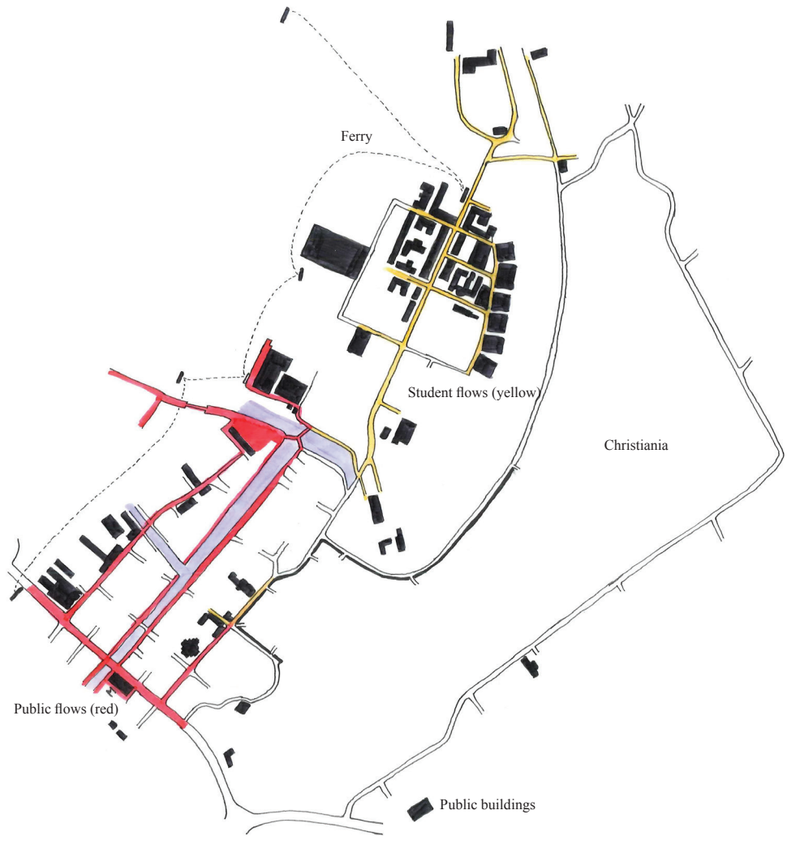
Half-circular movements



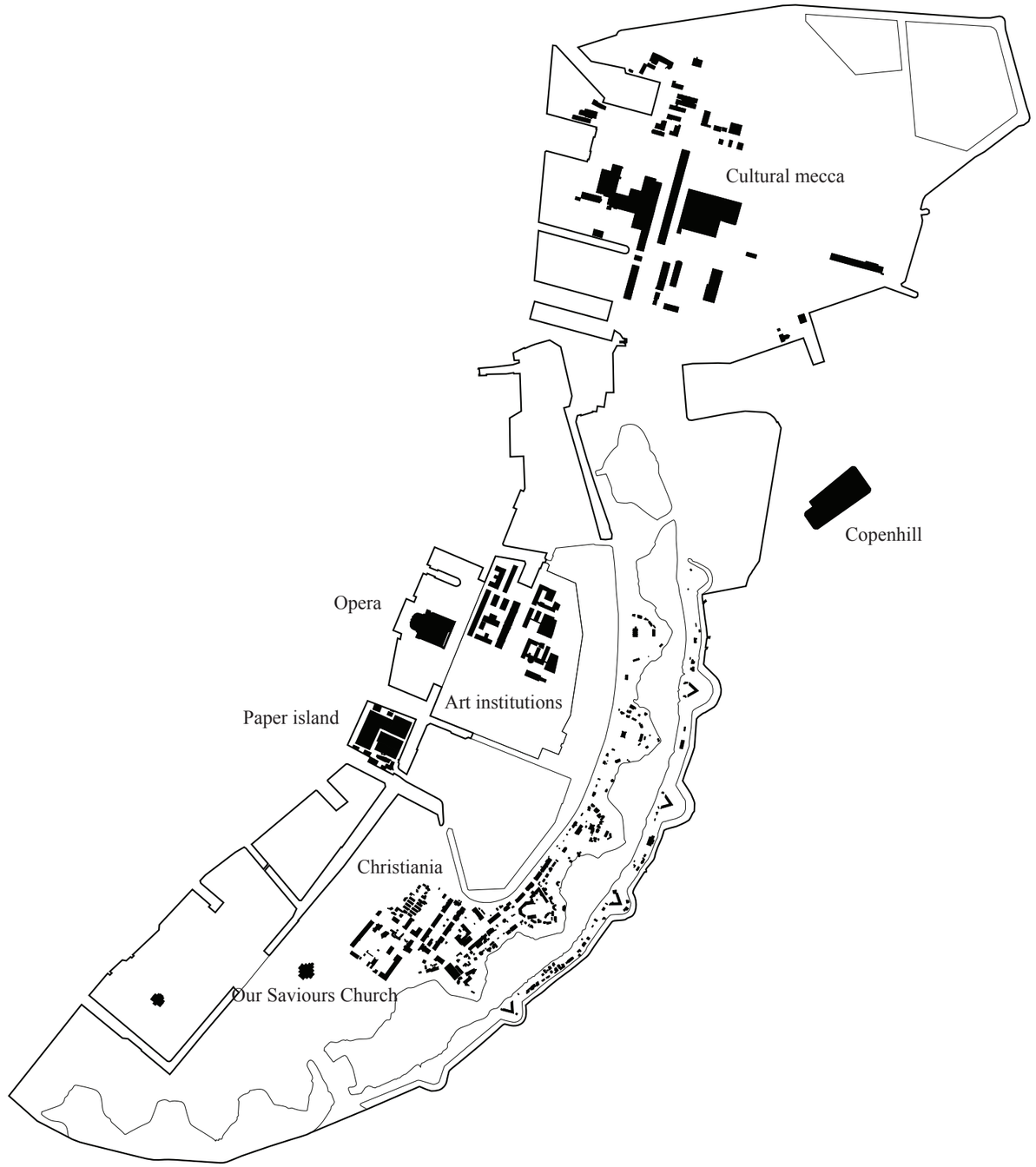
Design no. 1: Bridge connection



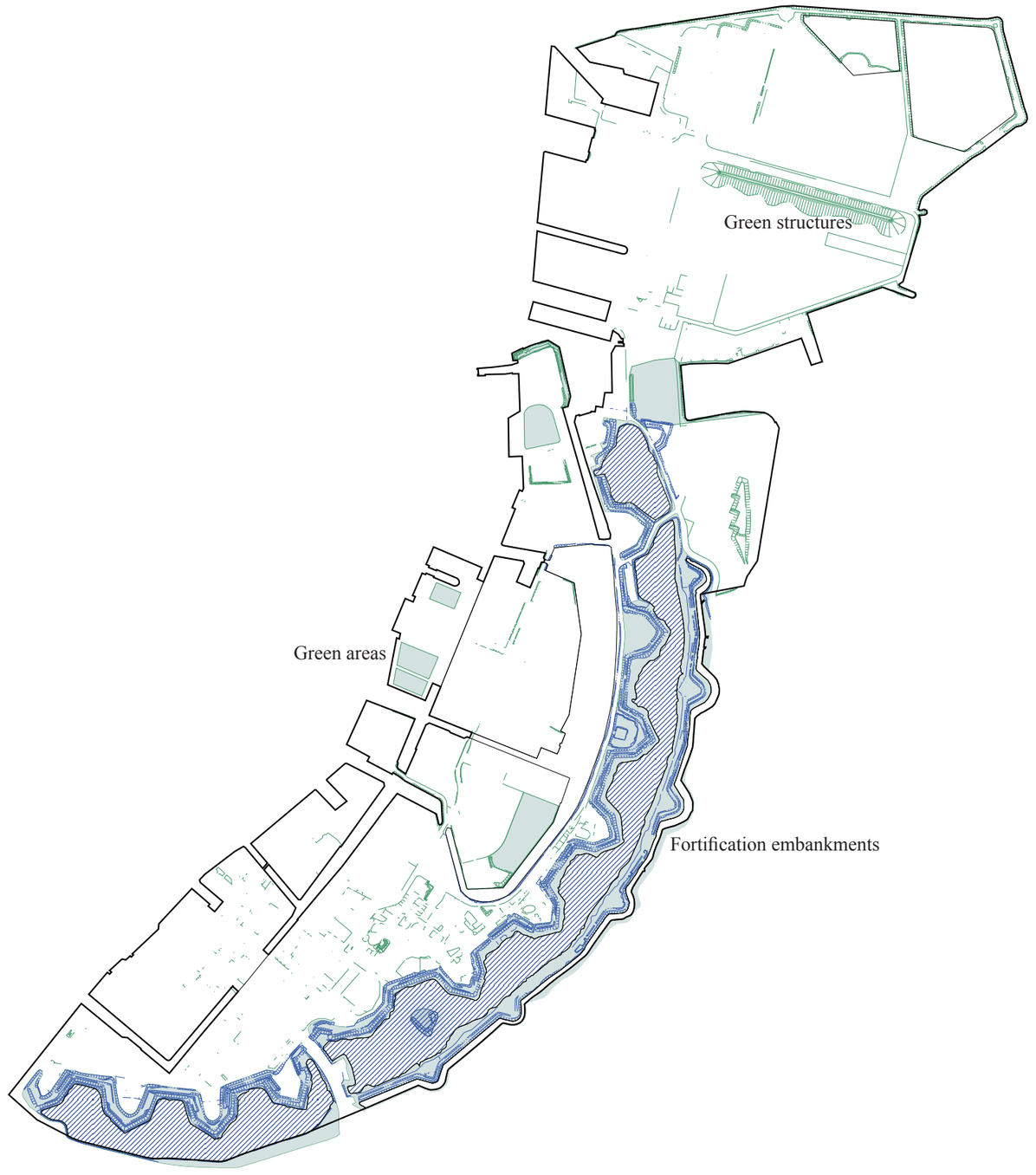
Better east-west crossings



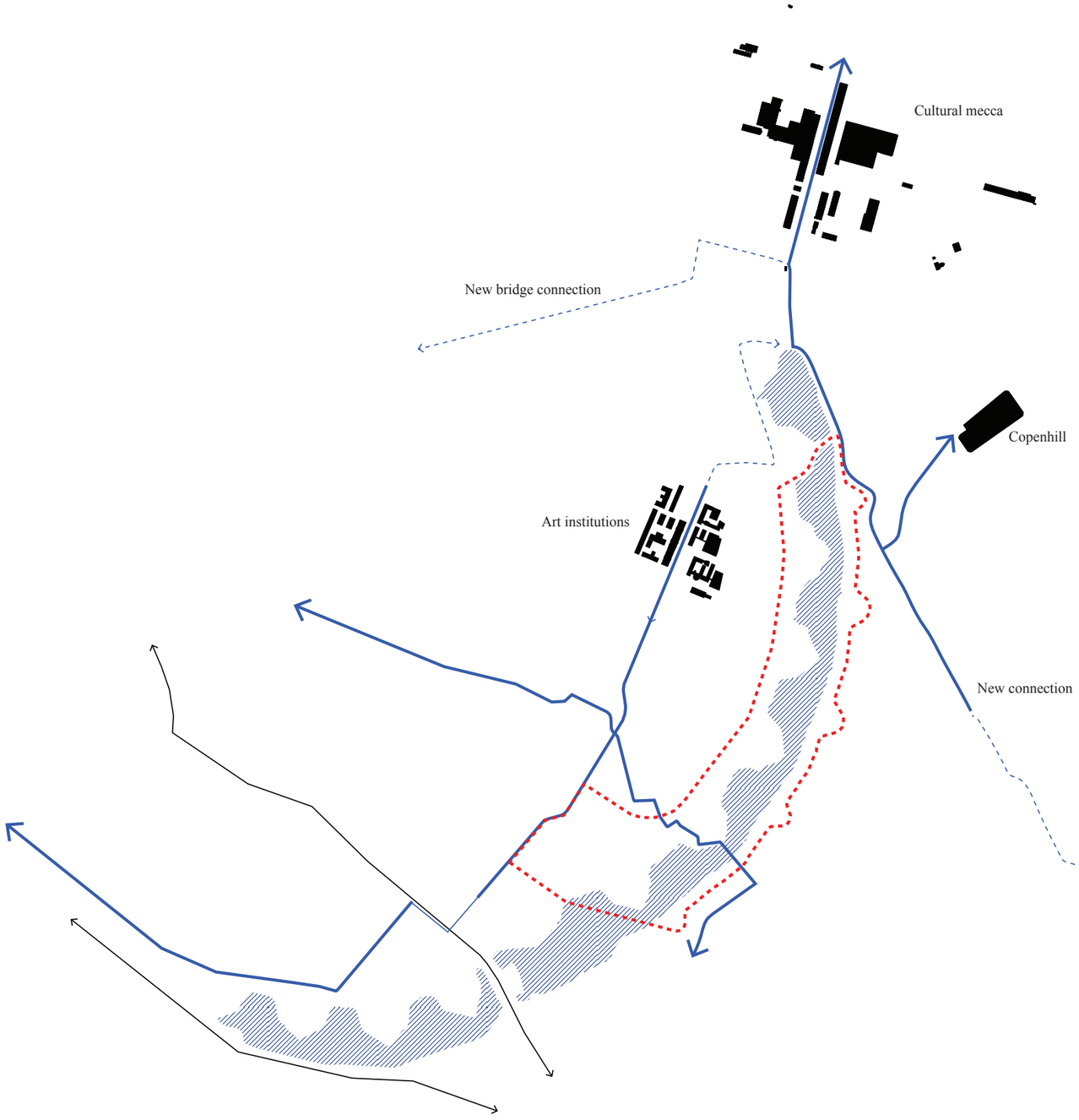
Christianshavn flows



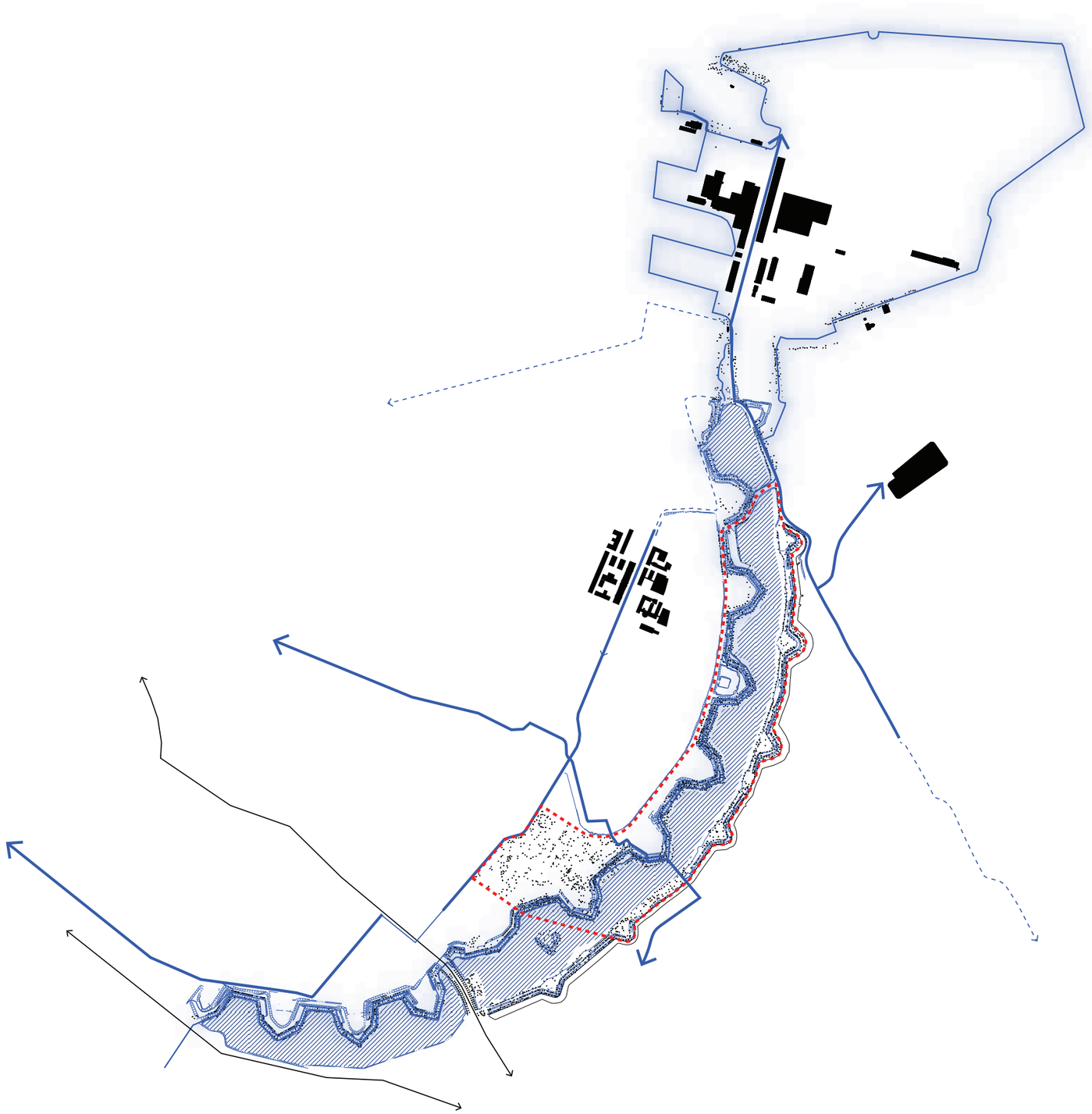
Cultural clusters



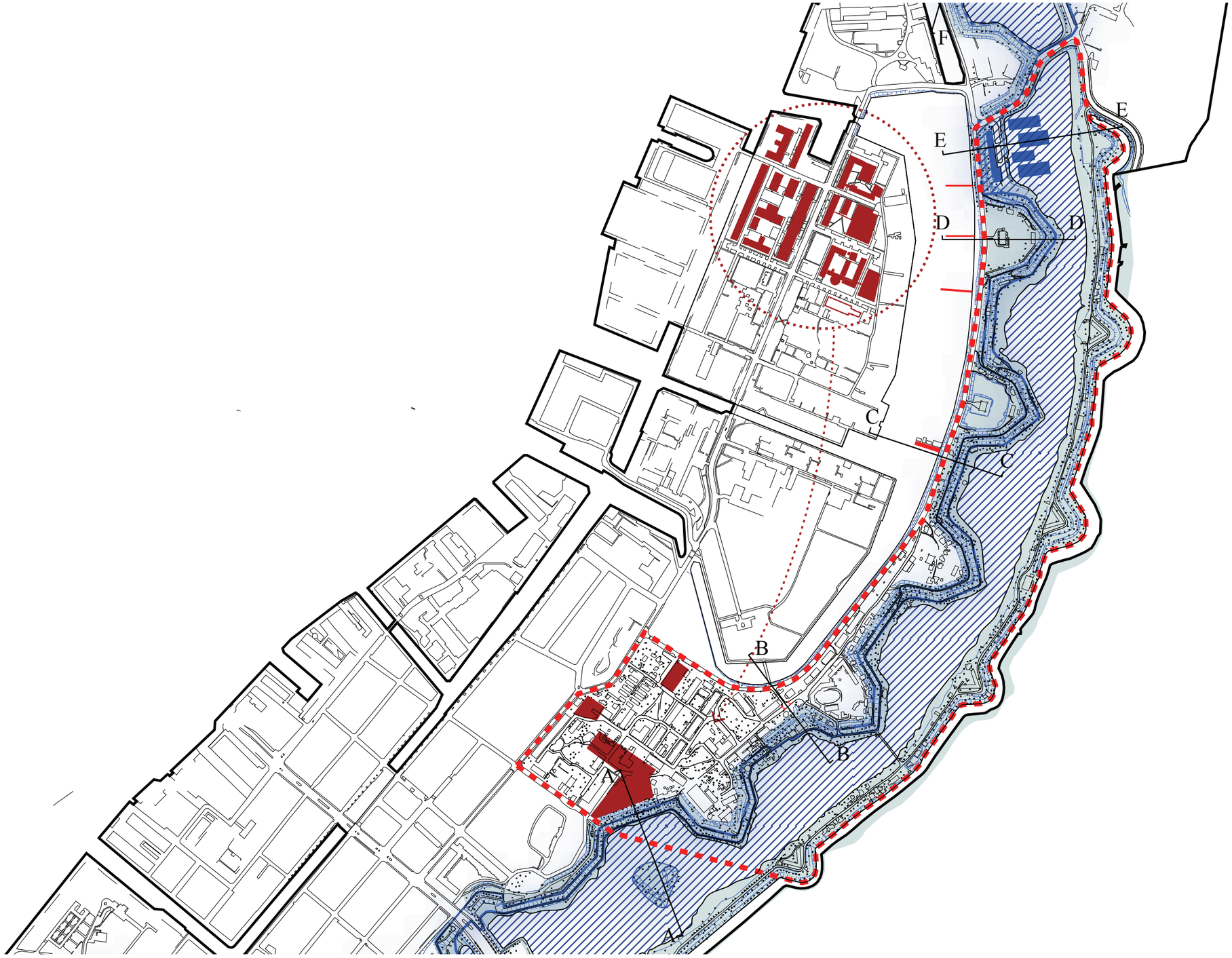
Natural system



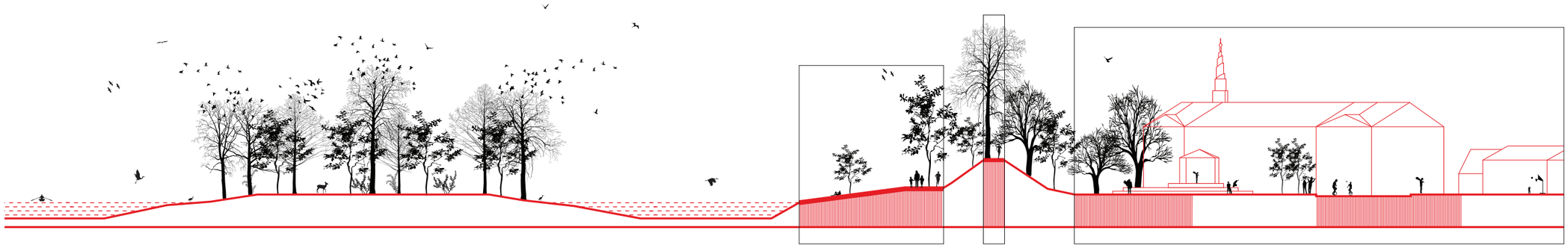
Connecting culture with nature

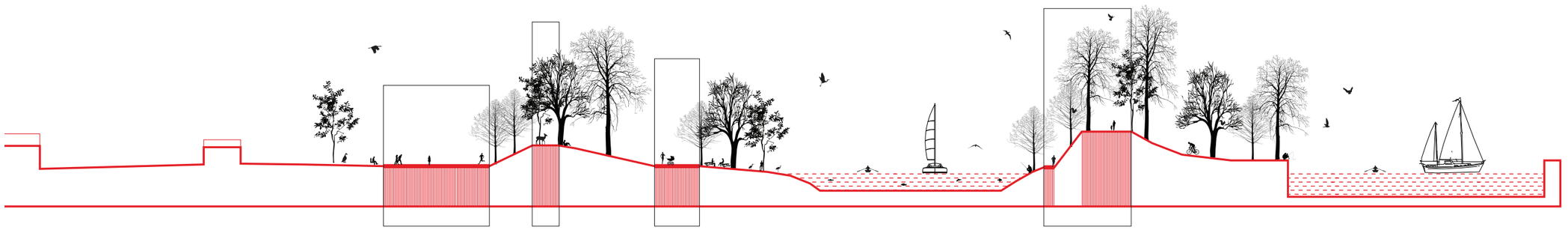


Design no. 2: Public pathway

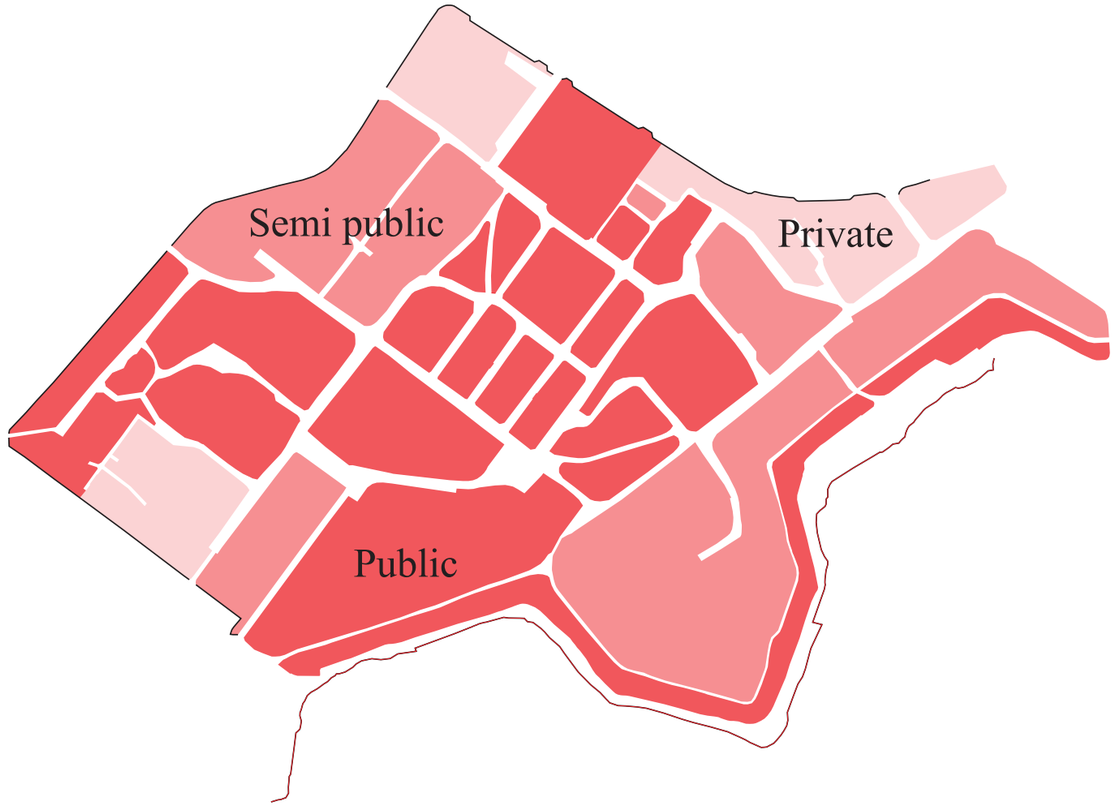


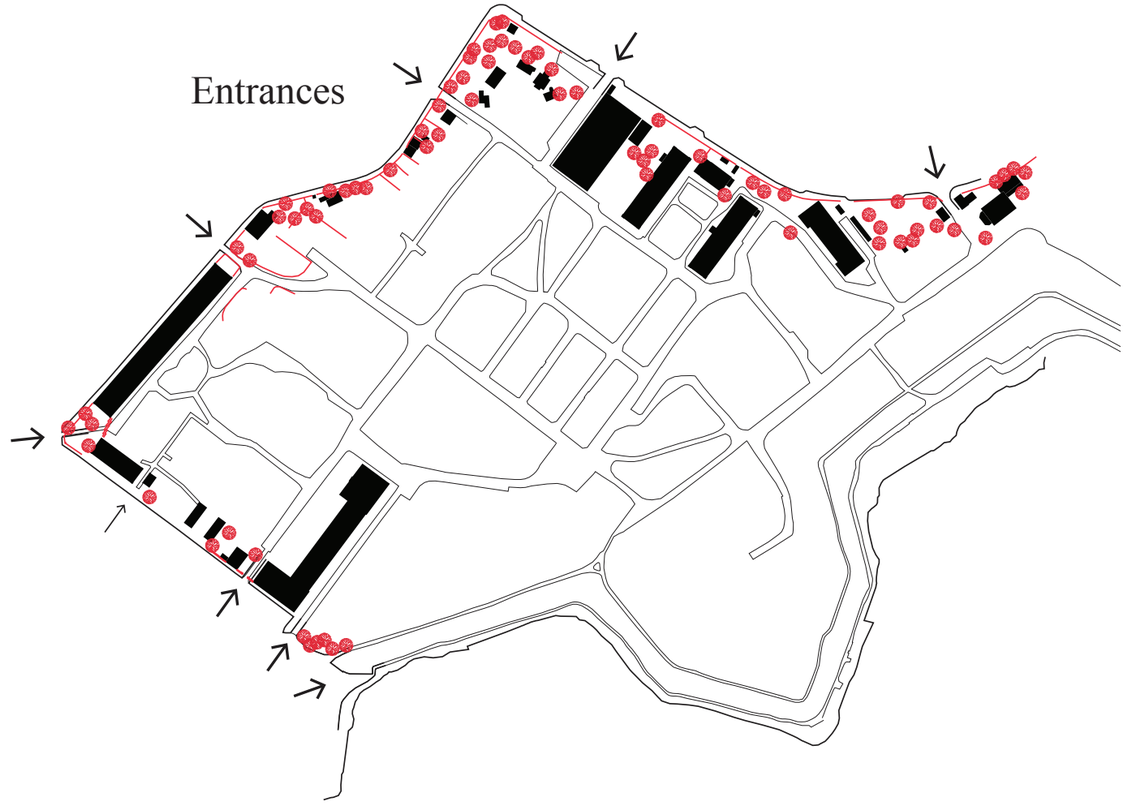
Interventions



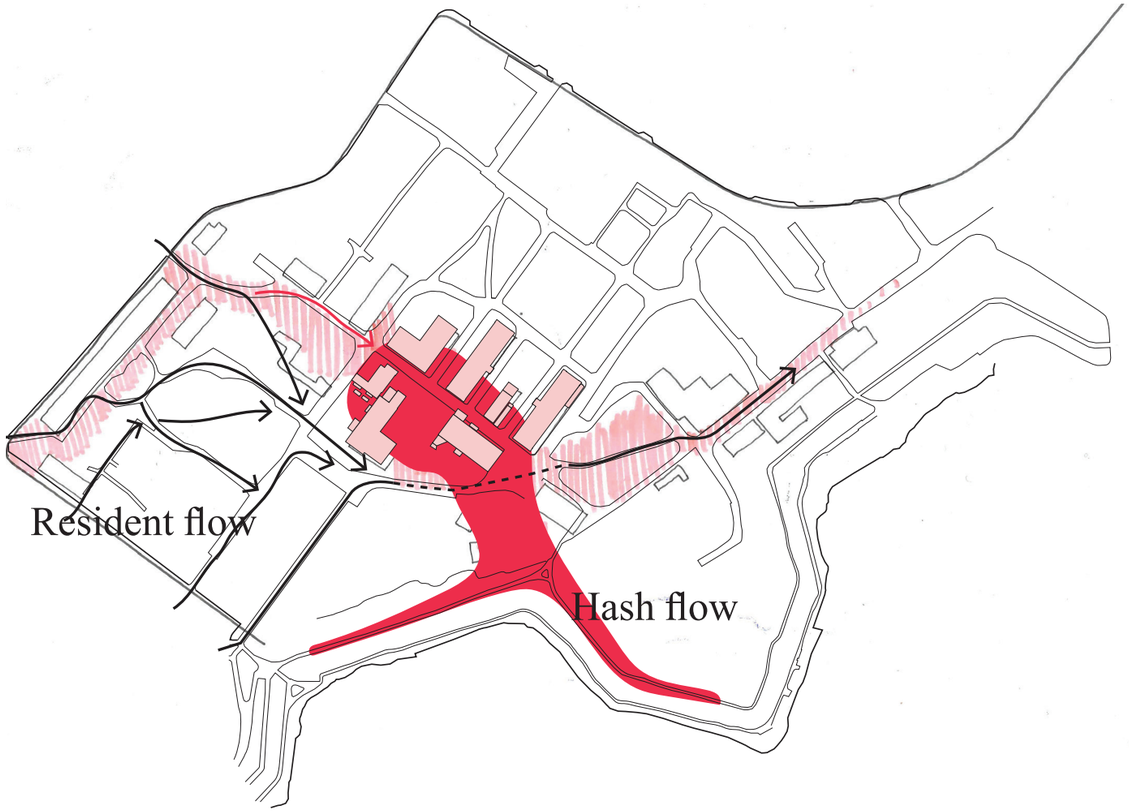


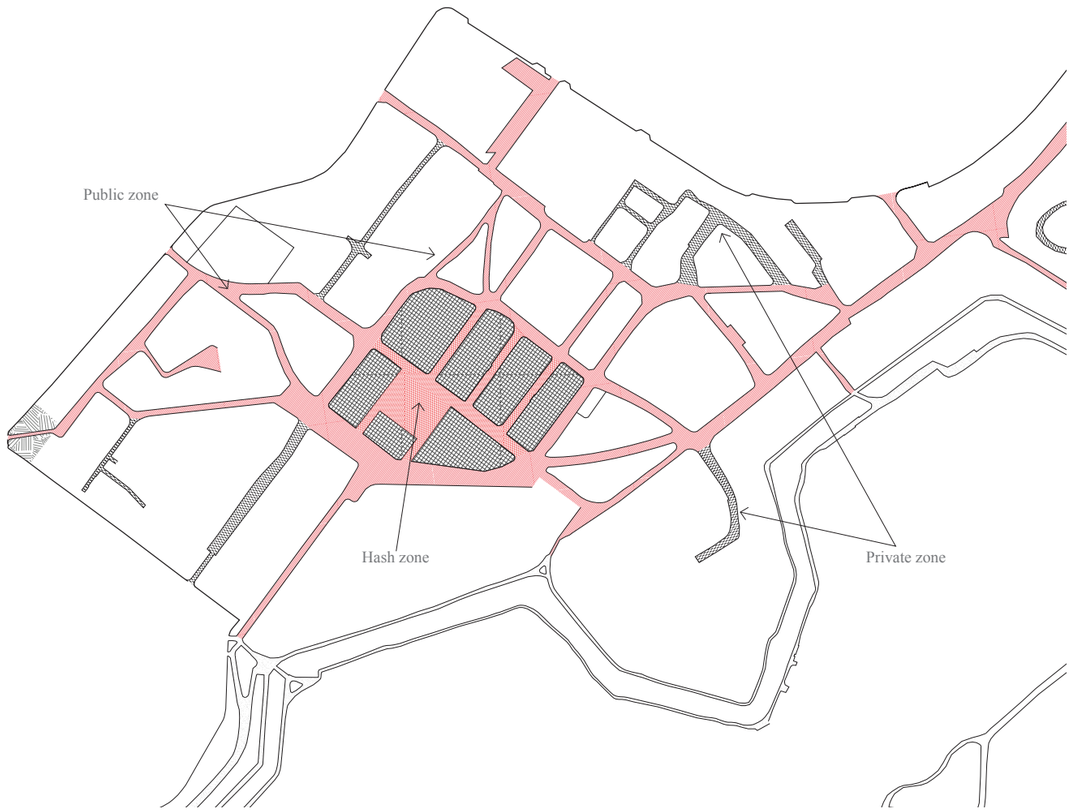
Sections





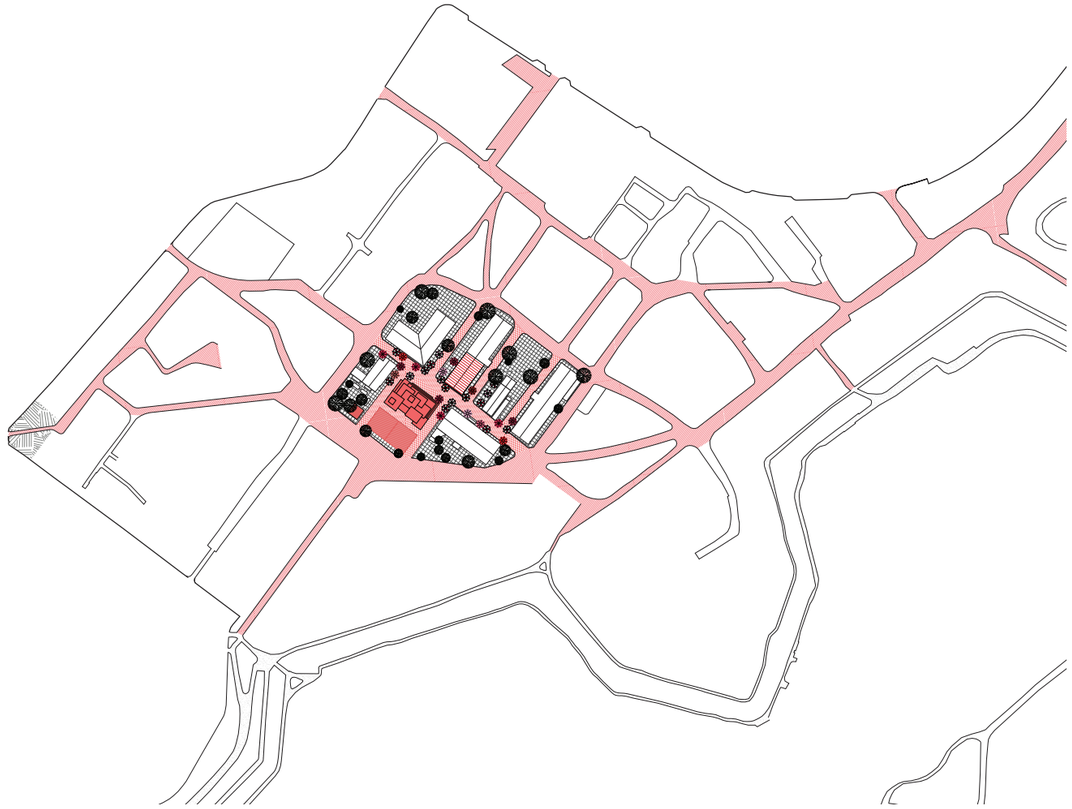
Publicness and porosity



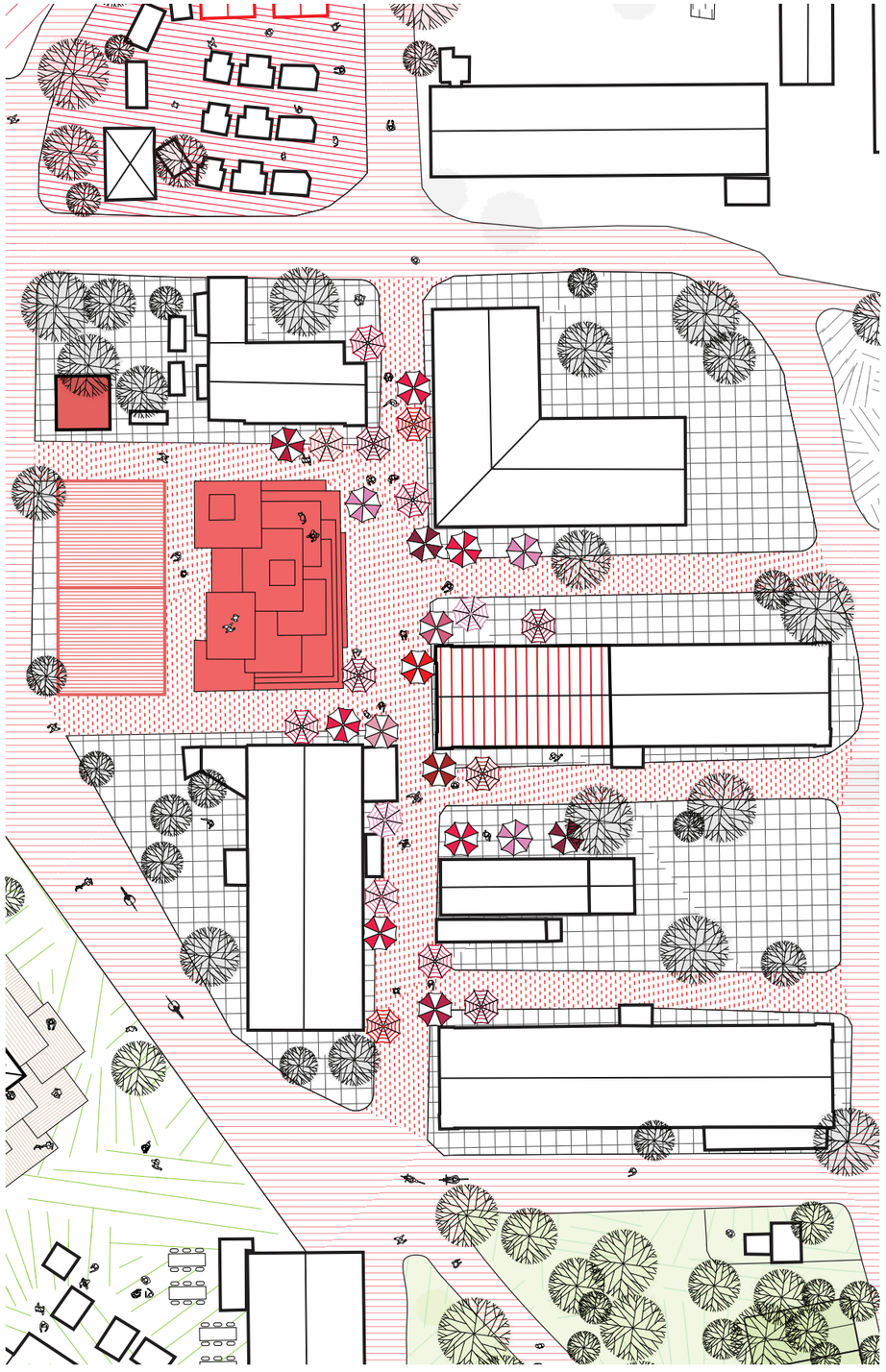


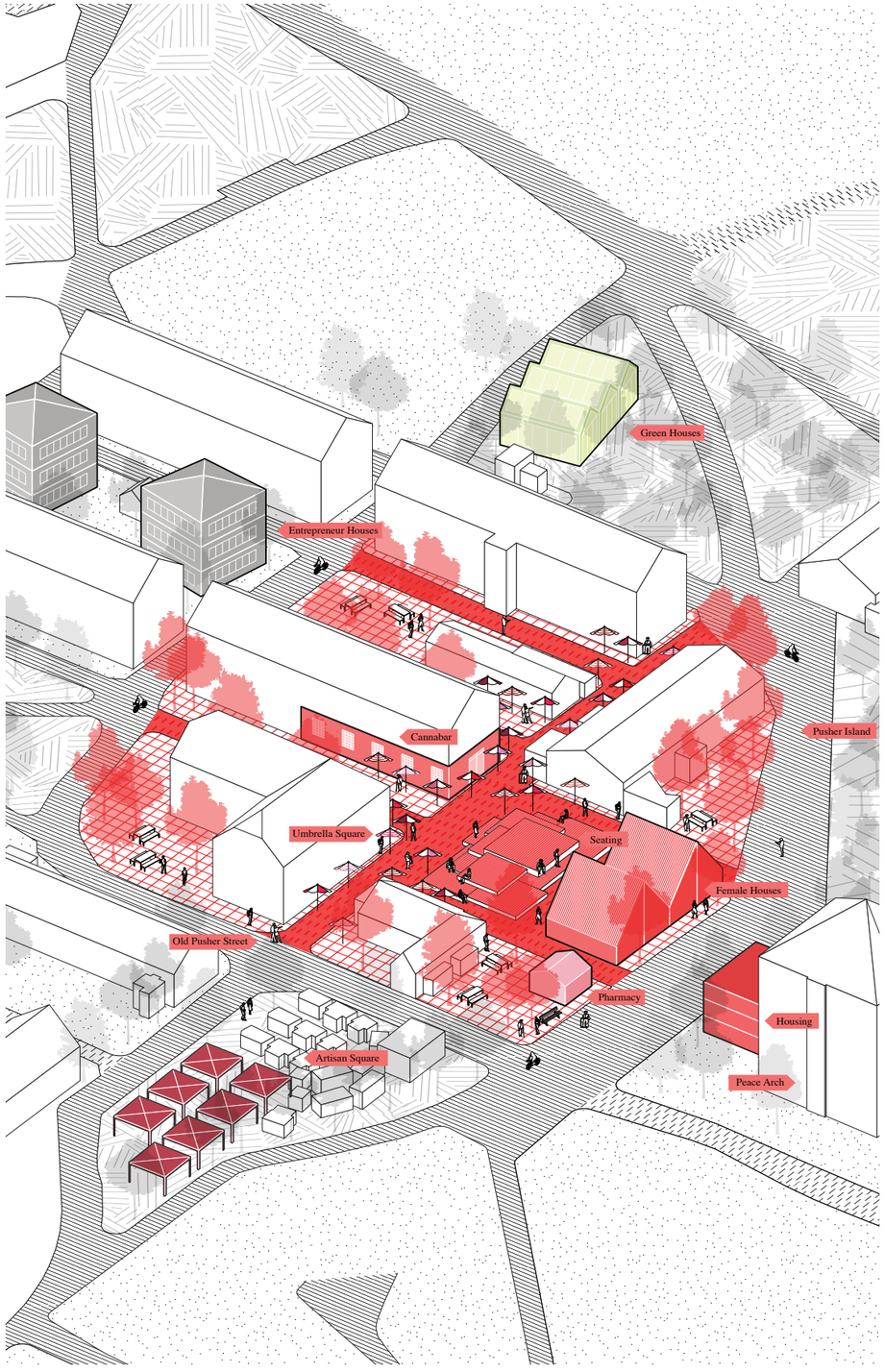
Flows


Soldiers
Grey buildings shielding
Red buildings involved
in the market
Hash zone (red)
Trees



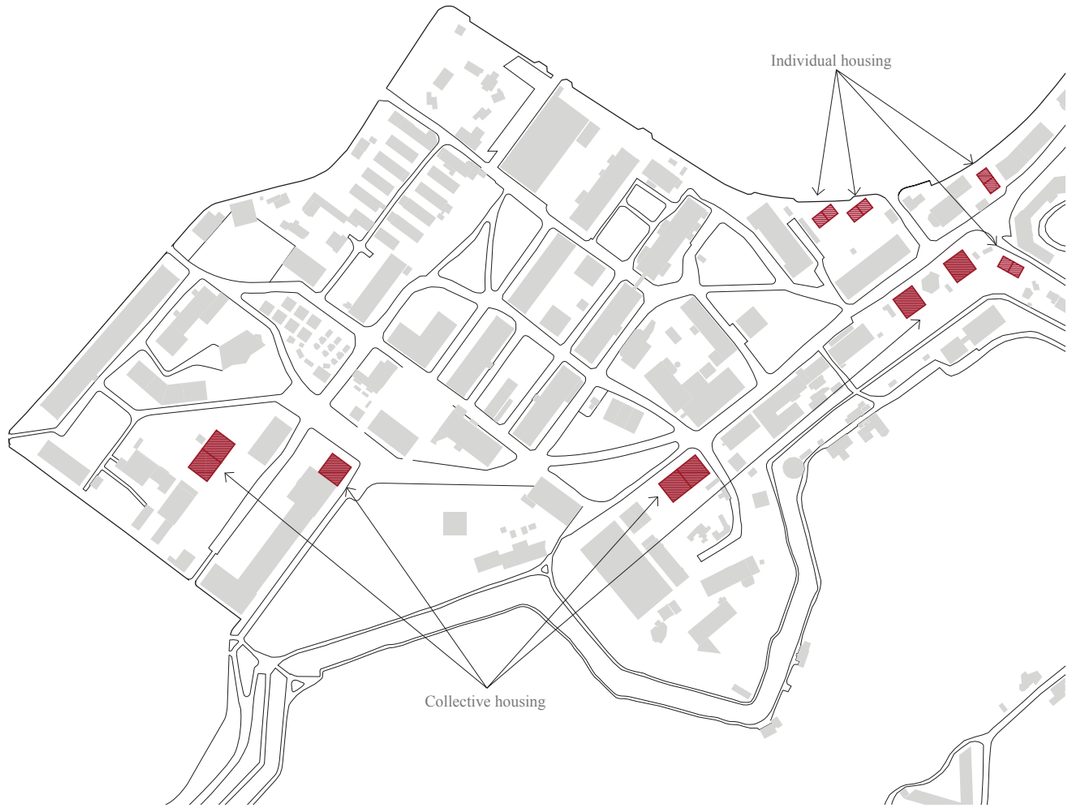
Hash market





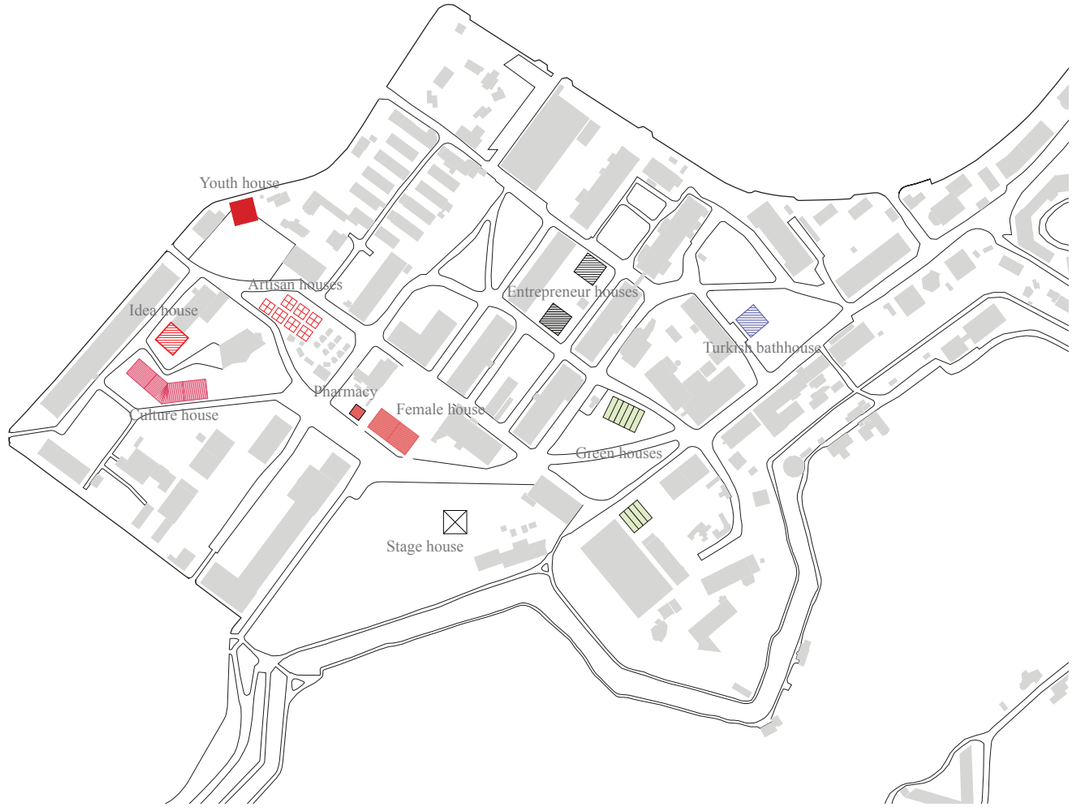
Pusher island


Urban developments
Housing
Market
Cafés and restaurants
Music production and venues
Arts and crafts
Entrepreneural companies
Sport and activities
Retail
Education and organisations


Individual housing
Collective housing

Housing



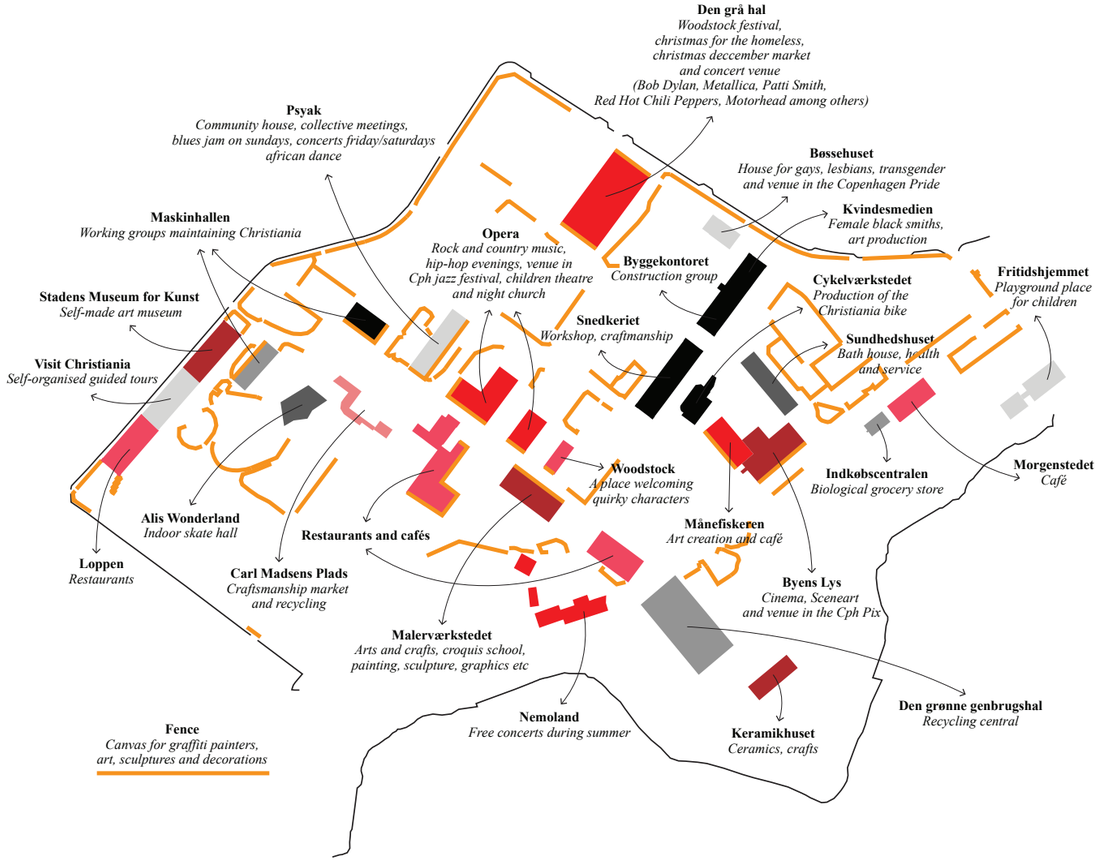


Cultural program





Urban composition

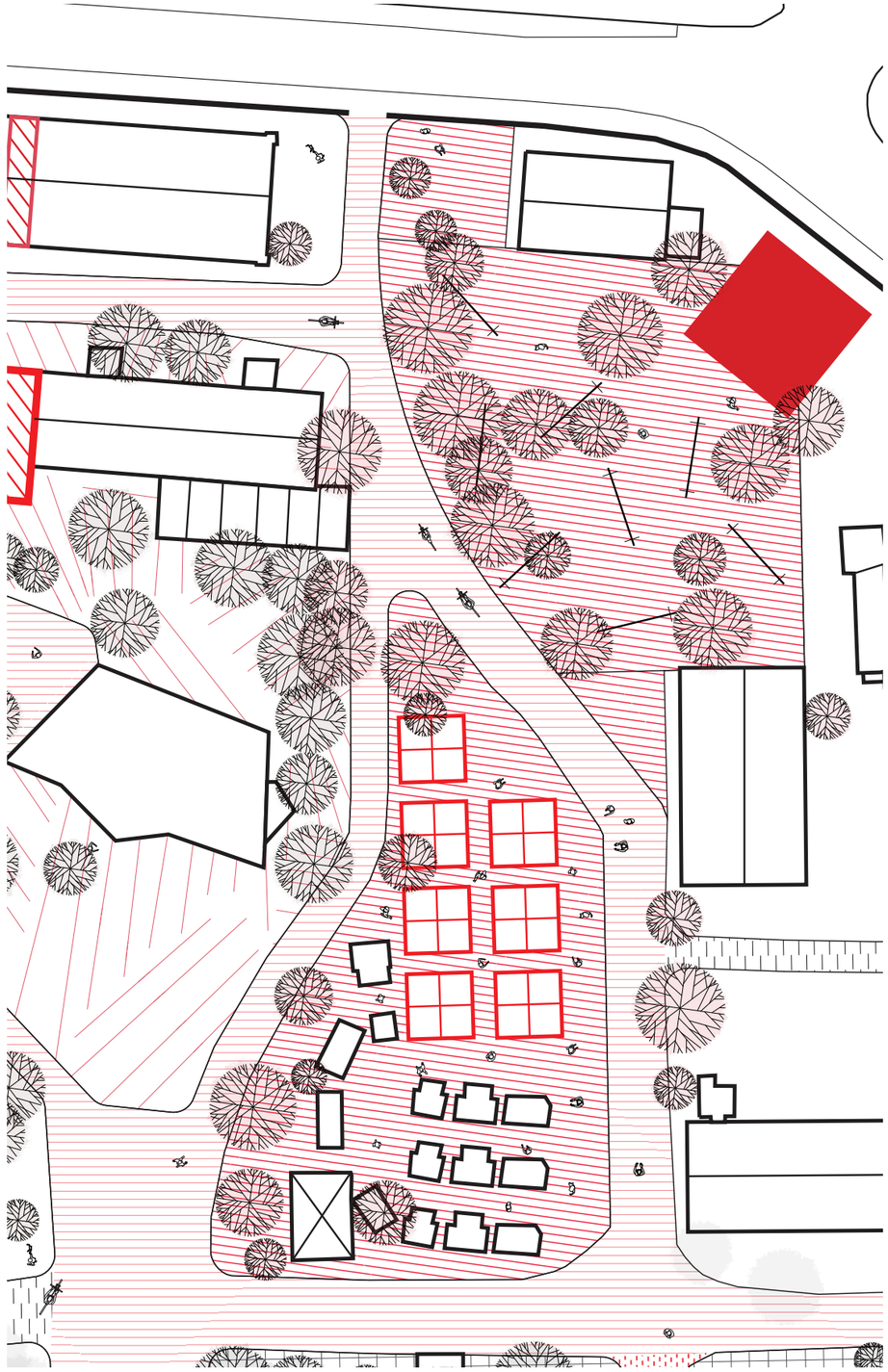




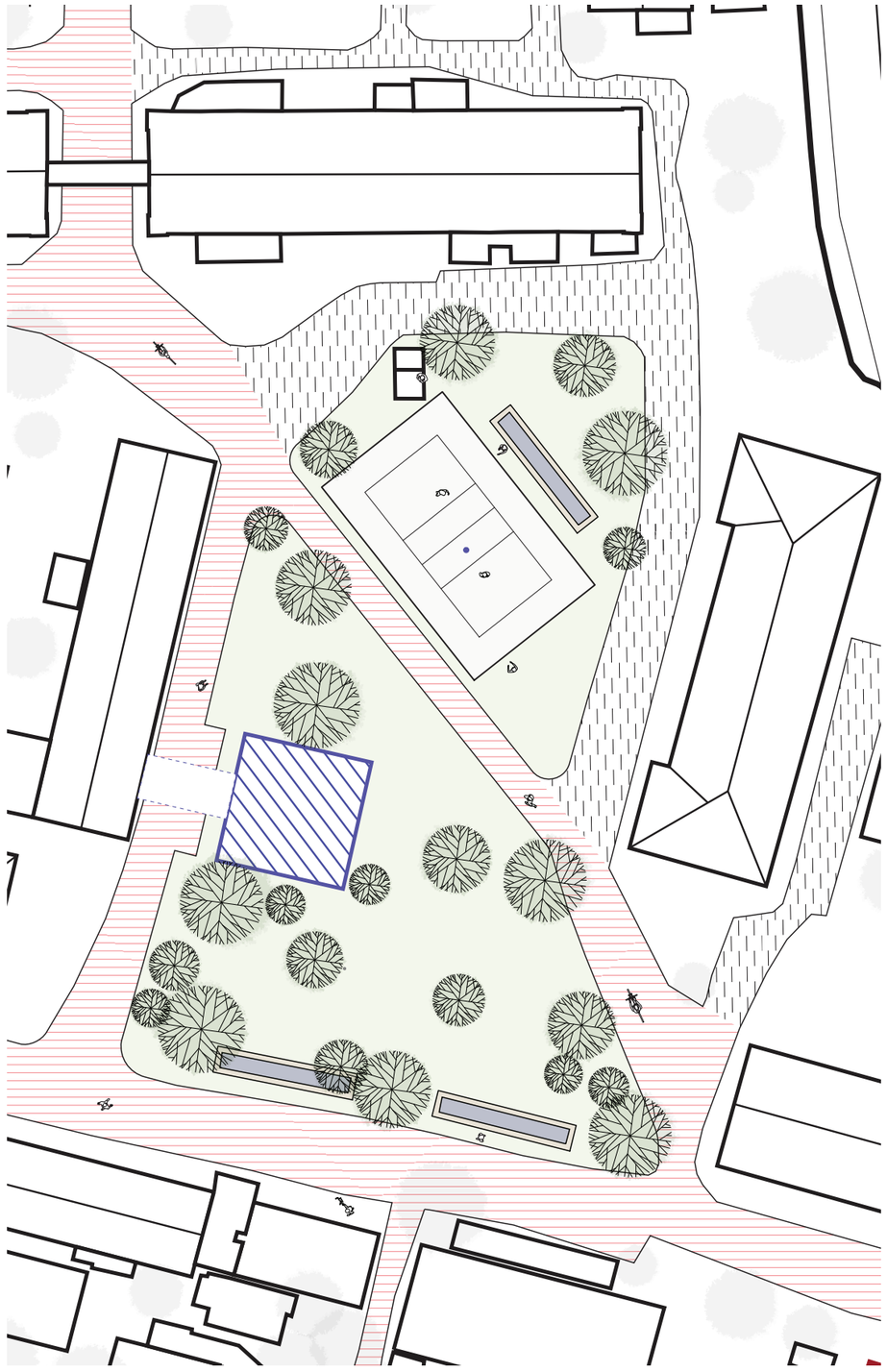
Diversity of activities



The future forest



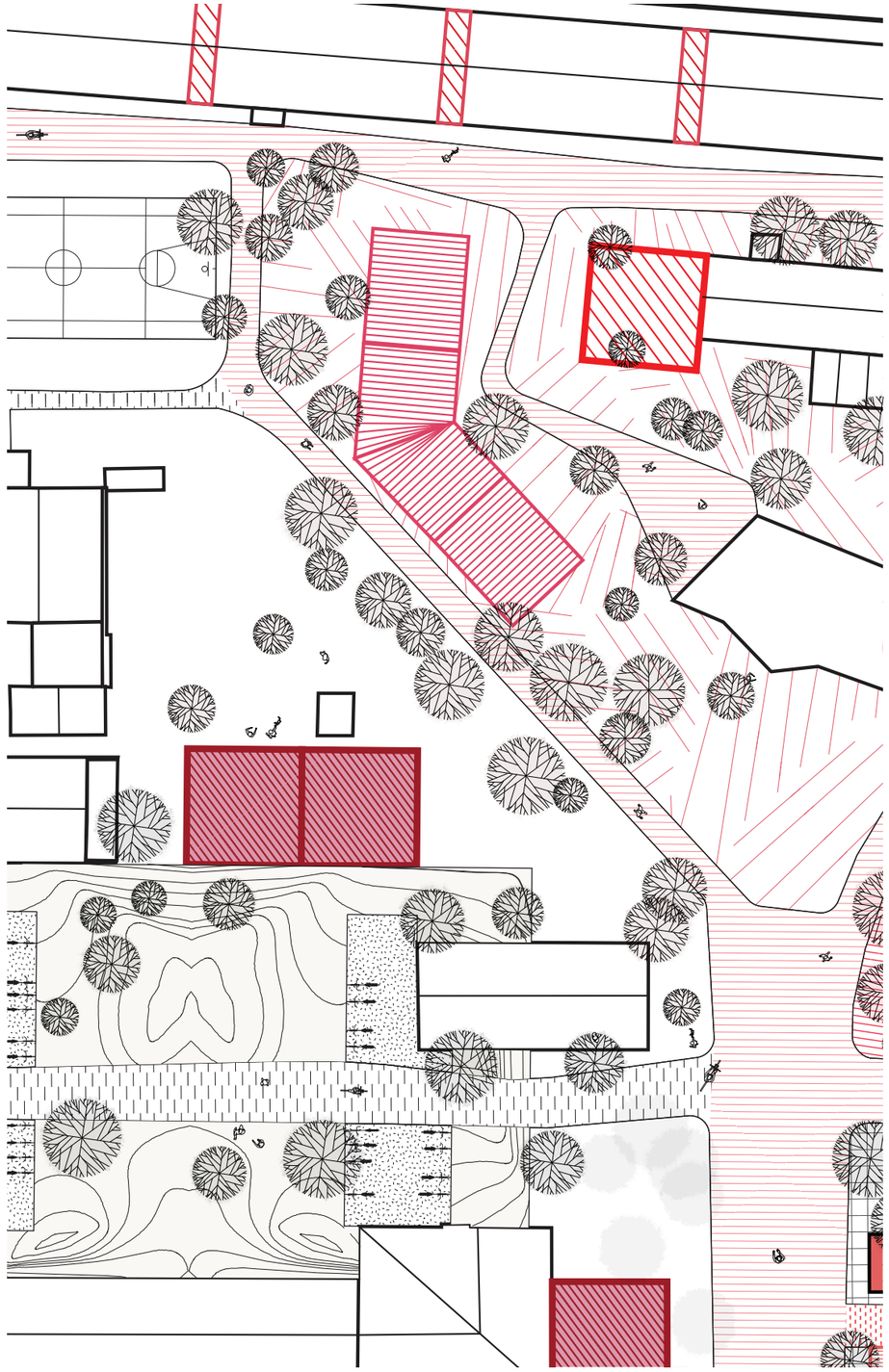
Artisan square



The green spot



The peace meadow



The cultural prairie



Densification	Program	Space	Unit	People
Condominium housing	Families, collectives	3456 m2	72 m2/unit (56)	192
Student housing	Students, individuals	864 m2	36 m2/unit (24)	24
Idea house	Social help, innovator help etc	288 m2		
Artisan houses	Arts and crafts workspace	252 m2	9 m2/unit (28)	
Female house	Hairdressor, nailshop, tattooshop etc	288 m2	72 m2/unit (4)	
Pharmacy	Hash shop for medical purpose	36 m2		
Culture house	Community space, indoor events etc	600 m2		
Youth house	After school activities, soda club	288 m2		
Green house	Gardening, urban farming	360 m2	72 m2/unit (5)	
Entrepreneur house	Workspace entrepreneurs, innovators	864 m2	36 m2/unit (24)	
Turkish bathhouse	Bath, shower, addition to health house	144 m2		
Stage house	Performance stage, music, theatre	144 m2		
Total		**7584 m2**		**216**
(still available)		7416 m2		84

Densification



Christiania is not for sale! Christiania is solely owned by the Christiania Foundation and will only be developed in accordance to the neighbourhood needs decided by the Foundation.

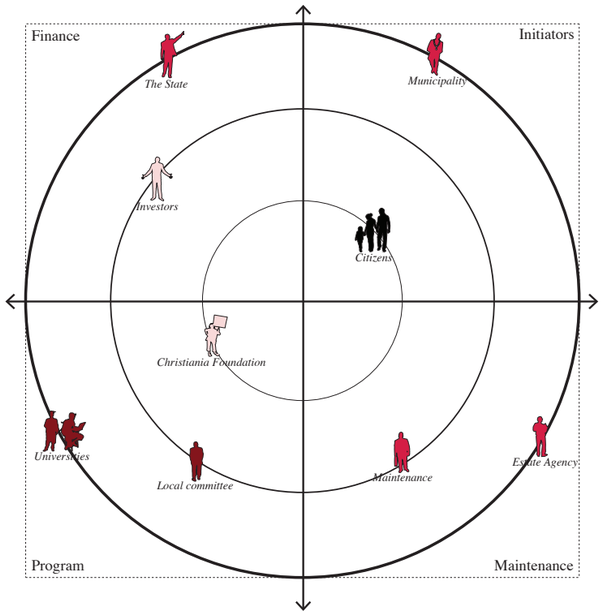
A maximum of 1100 residents in Christiania is the population limit to avoid overcrowding but to safeguard the community, the open spaces, nature and biodiversity. The Christianites are the only actors to maintain Christiania. They safeguard Christiania as a community and neighbourhood which benefits also the rest of the city.

Common ownership and self-management are the main key foundations of Christiania, and if these are threatened or destroyed, Christiania is destroyed. These will continuously lay the foundations of this society.

Non-spatial design

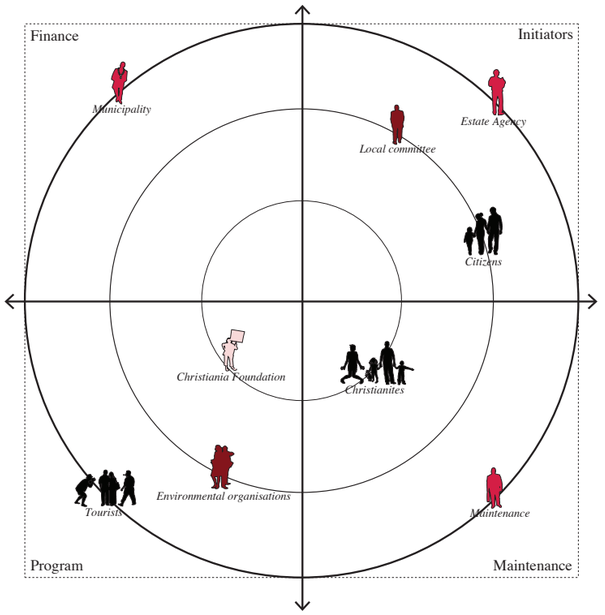
Bridge connection



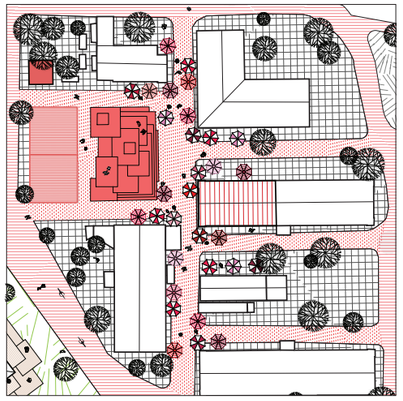


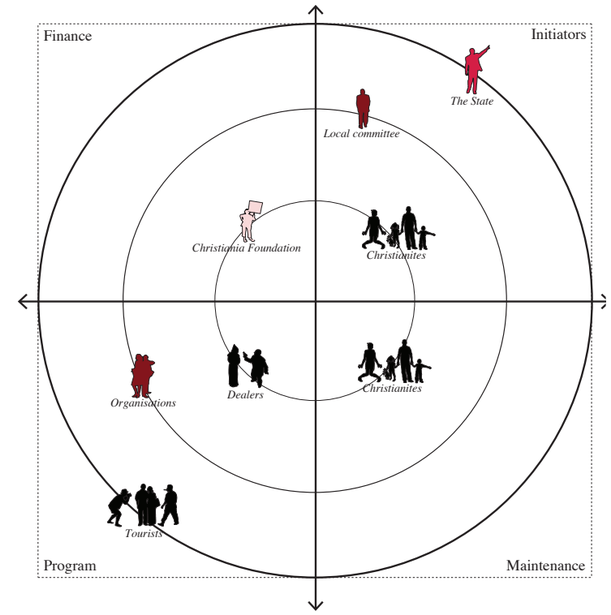
Public pathway



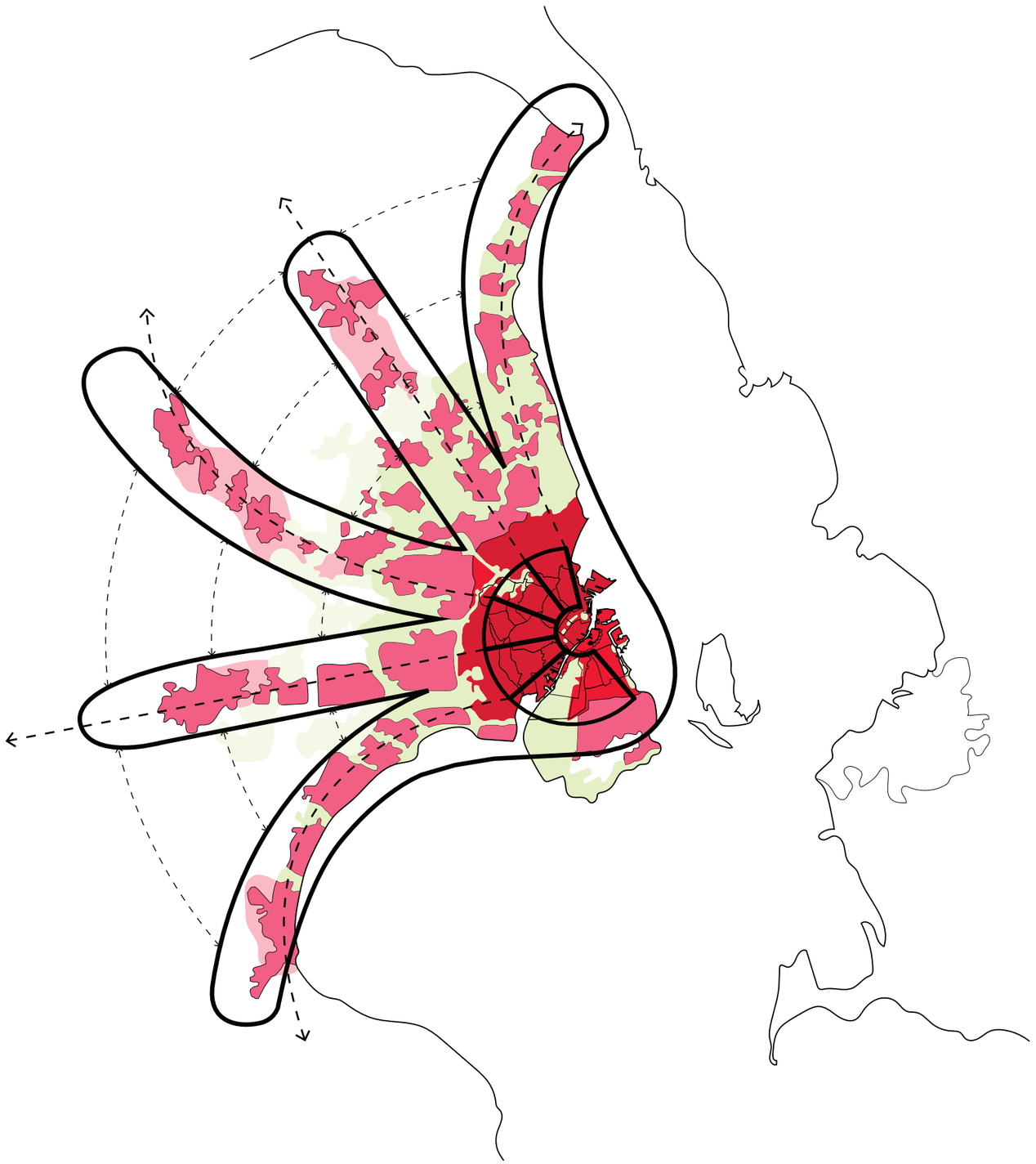


Pusher Island

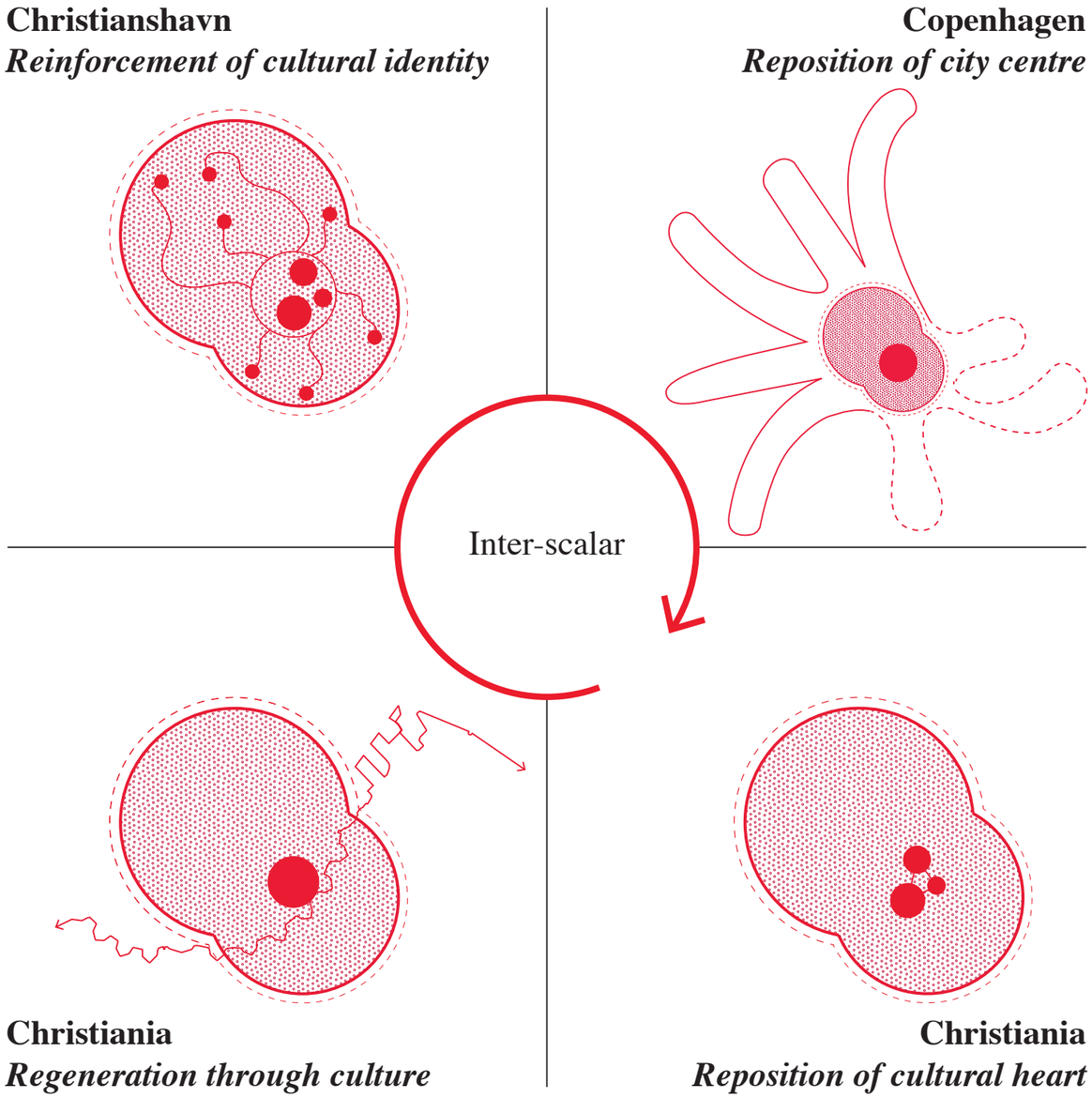




Role of actors



The fingerplan



Inter-scalar design



Impacts

Remaining private for its residents but open for any kind of cultural involvement, Christiania reorientates and adds another layer to the city centre of Copenhagen.

The design interventions are not short term solutions for survival, but rather provide conditions for reinforcement of Christiania's cultural identity within Christianshavn

The inter-scalar design interventions aim at solving issues of shrinkage, segregation and imposed normalisation through enhancing its inner urban environment

The transformation of Christiania to a cultural enclave makes it a creative partner of Copenhagen and Christianshavn in particular

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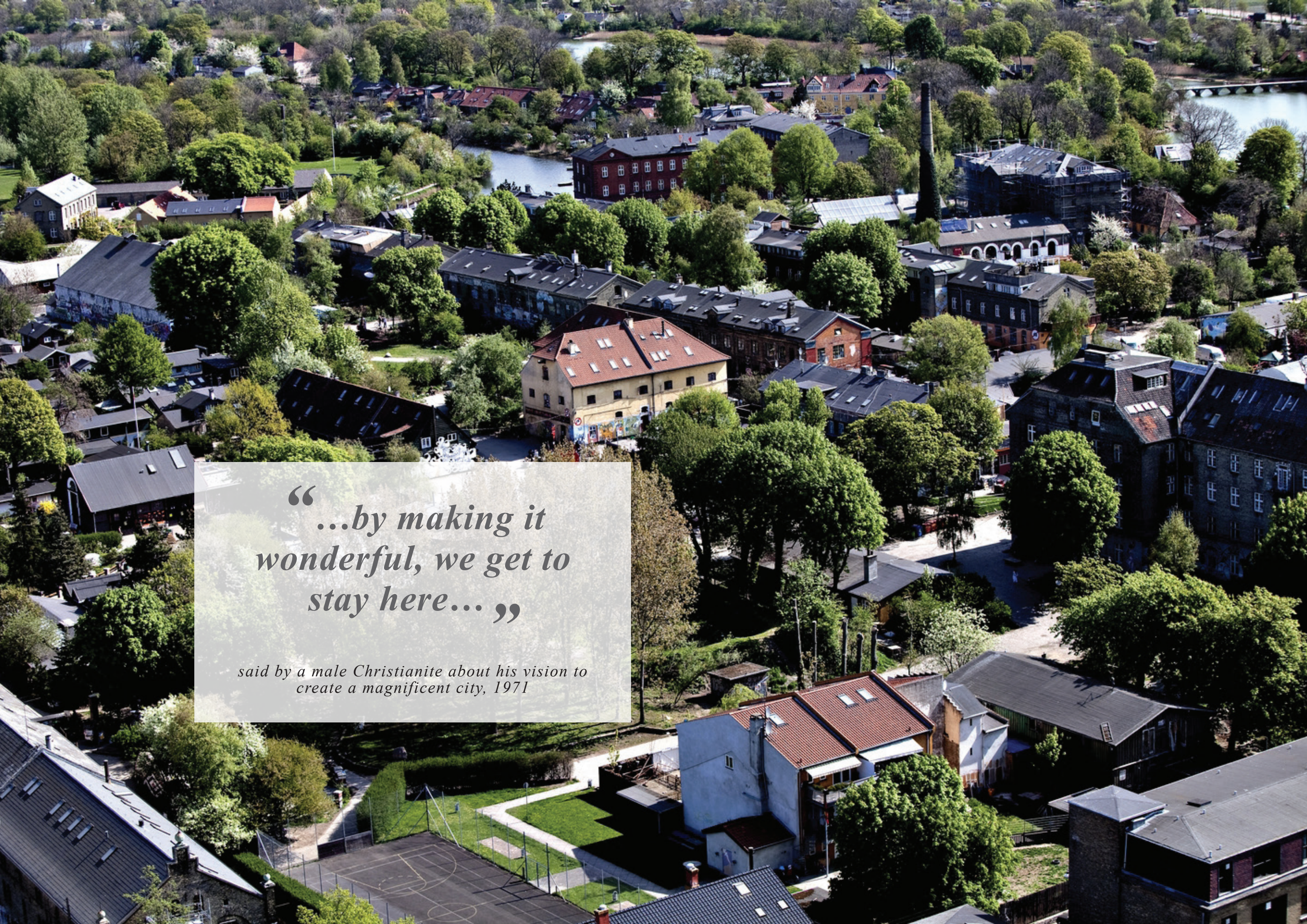
Conclusions on Christiania



“…by making it wonderful, we get to stay here… ”

said by a male Christianite about his vision to create a magnificent city, 1971

Thank you!