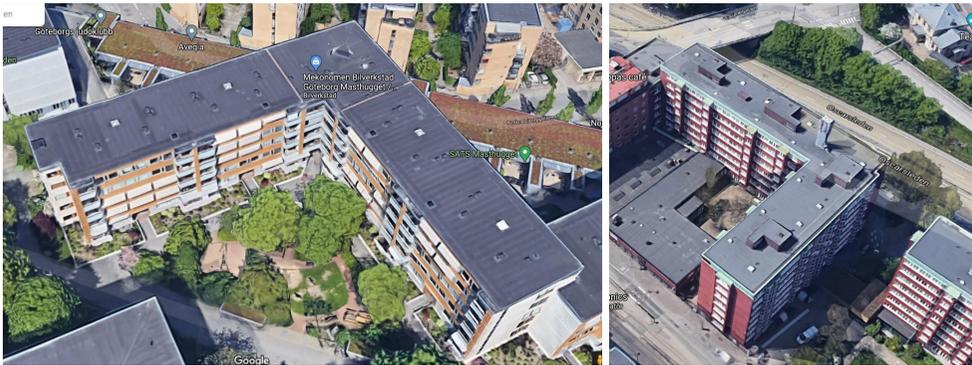
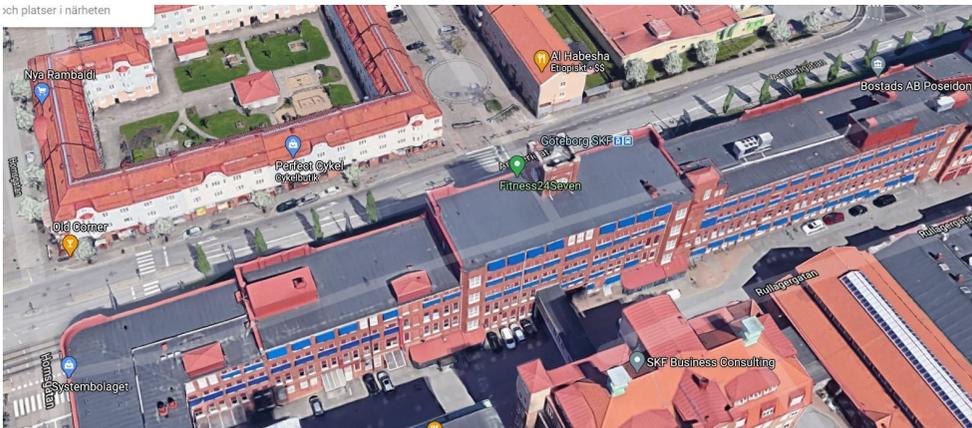




Example vision at Rotterdam Roof Days



Roof alt1 Masthuggsterassen - BRF Masthugget Roof alt2 Karljohansg21 - Bostadsbolaget



Roof alt3 - SKF, Gamlestaden, now office building for different companies.

## Proposal to a Master Thesis about Rooftops 2.

**A framework and inspiration to work with our common roofscape.**

**Sustainably develop a rooftop with tiny houses and gardens and more.**

### BACKGROUND

A group of actors in nine European cities is now looking into how 15 to 35% of Europe's urban landscape is underused and overlooked: the European roofscape. *European Creative Rooftop Network/ECRN* will cooperate to promote greater uses of Europe's rooftops.

Shortly the aim is to: start pilot creative rooftop-projects with focus on social, economic, environmental sustainability. Develop urban rooftops as cultural spaces and artistic/creative media. Develop urban rooftops as creative fora and open community spaces across Europe.

More information on European webpage <https://ecrn.city/> and in Gbg [www.folkstaden.se](http://www.folkstaden.se)

The project is supported by Creative Europe/EACEA and Swedish Arts Council

### AIM

#### **possible research questions:**

How can we develop the rooftop of a building with focus on social, economic, environmental sustainability?

Make a choice/combination of programs: a) tiny houses and gardens, common and private. b) the building expanded on the rooftop with different common rooms, kitchen and washing room in a green environment. Areas for outdoor farming and in glasshouses, areas for energy solutions. Another floor for a better rooftop construction?

Choose a rooftop. Here are three rooftop for inspiration: Masthuggsterrassen, BRF housing, Karl Johansgatan 21, housing, Bostadsbolaget and SKF office building Gamlestaden.

We see two different main directions for the master thesis:

- 1) a more landscape oriented design assignment with focus for plants and farming.
- 2) a more building oriented design assignment with small buildings in a green environment.

### METHOD

#### **Possible outcome in two main parts:**

1. Essay/text part - Decisions for the program that was developed. Text generally about how to achieve environmental, social and economic sustainability when developing a residential building with a common green rooftop. Aspects how to finance the project and maintenance. About construction, new buildings and green areas on an existing roof.
2. Design part - drawings, models, pictures etc. Plans, sections etc for development of roof. Choose a part of the project for a more detailed study. Principal construction sections for buildings and green areas on an existing roof.

**Emilio Brandao**, examiner/supervisor. Contact: [brandao@chalmers.se](mailto:brandao@chalmers.se)

**Tomas Lundberg**, architect MSA, **Magdalena Forshamn**, architect TD, project leader ECRN in

Gbg. Contact: [tomas.lundberg@folkstaden.se](mailto:tomas.lundberg@folkstaden.se) [www.folkstaden.se](http://www.folkstaden.se)