



Network of green open spaces

Making space for nature in our cities is extremely important as it helps us deal with problems such as heat island effect, storm water runoff, pollution and noise. Moreover, the presence of nature is key to our well-being. It helps reduce stress, cardiovascular and respiratory diseases. As a place to walk and exercise it promotes social contact.

Proposed green network is based on keeping part of the green buffer along Trädlyckevägen. The main green space is an urban forest that forms an important link between Hastens and Karlsberg forests. It is proposed to be upgraded by focussing on planting local species. Other retained green areas form three smaller programmed "pocket parks". This network is complemented by a number of semi-public green spaces.

Mobility hubs are designed as nature inclusive structures, with vertical gardens along the facades and green roofs.

Along the whole length of Trädlyckevägen SuDS are incorporated for storm-water management.

- Urban forest
- Residential pocket parks
- Shared gardens
- Mobility hubs
- Linear green for Sustainable Drainage Systems
- Existing streets with greener profile

Mobility

While Trädlyckevägen will stay a thoroughfare it can become a different kind of thoroughfare with focus on public transport and non-vehicular movement.

The profile of the street is kept in place but the roundabout nodes are reduced and the street profile redesigned. The new profile reduces vehicular lanes and includes a cycle-highway.

There is no individual parking provision for the new houses. Instead, parking is provided in the mobility hubs. These also function as locations for car and bike sharing, cargo bikes, e-bikes, e-scooters and similar. They include bicycle service points and electric charging stations.

Along the length of Trädlyckevägen bus bays double as parking bays for occasional drop-offs, short term parking, loading, service access and similar.

- Cycle highway
- Cycle path
- Cars and bus lanes
- Main walking paths
- Pedestrian crossings
- Mobility hubs
- Bus stop
- Bicycle service and rental points

