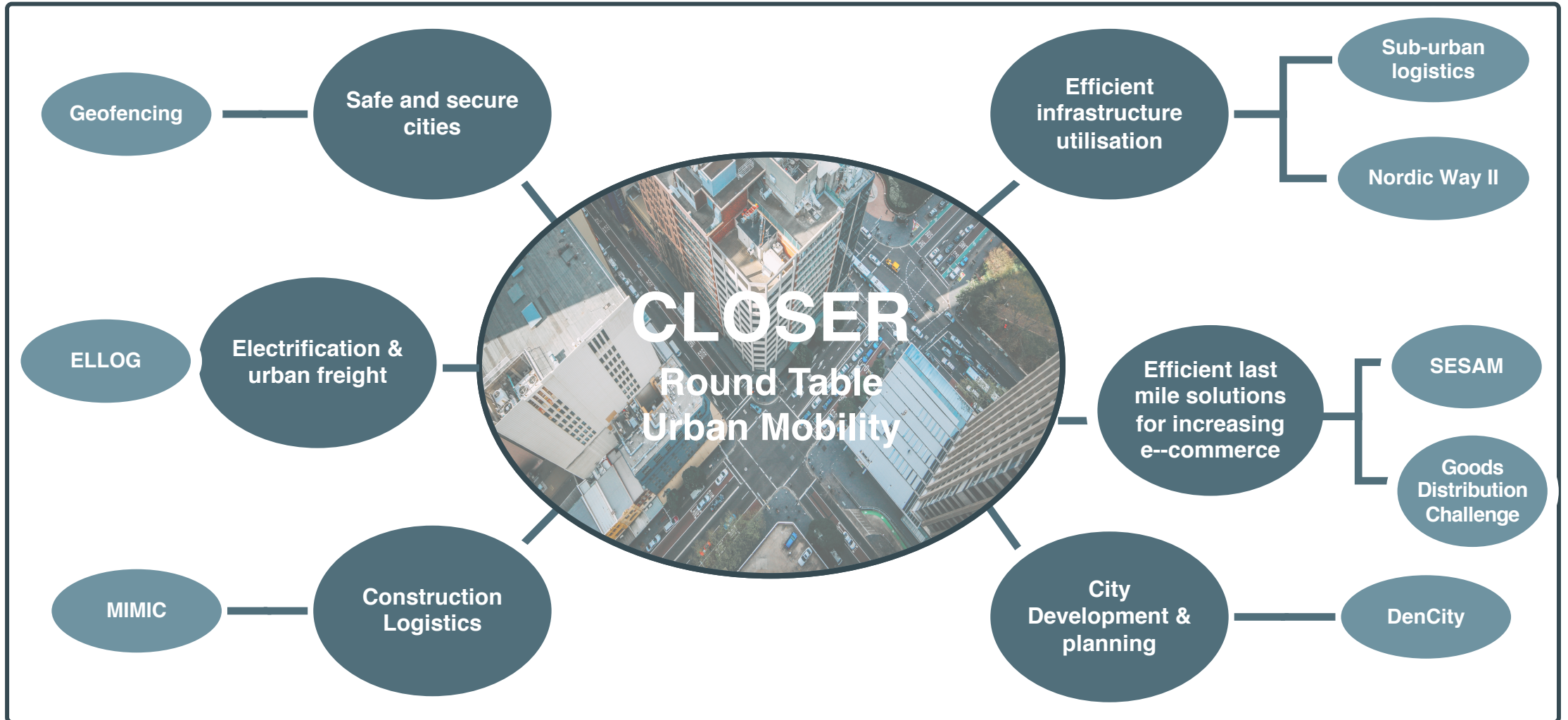
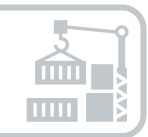


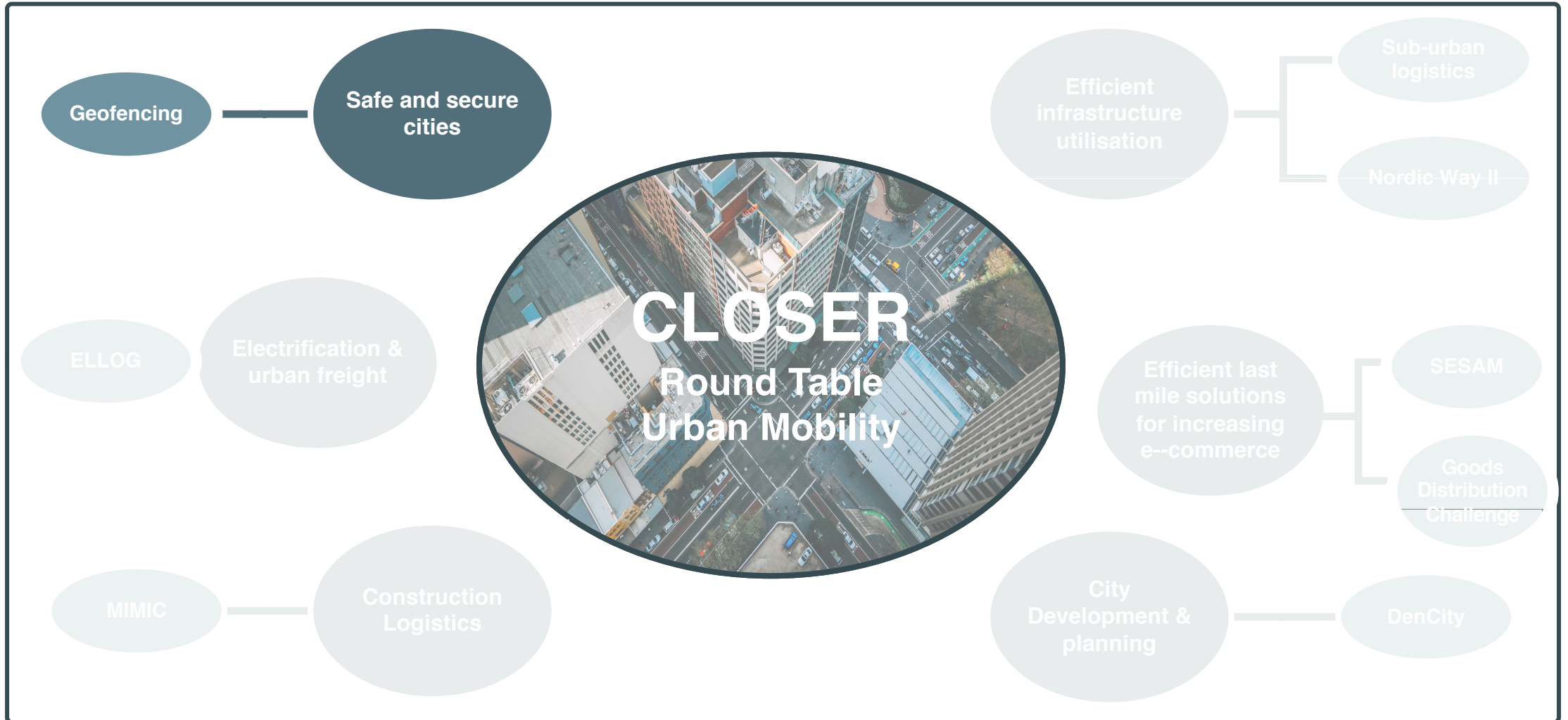
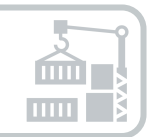


**The Swedish national R&I program on geofencing**

# Ongoing collaboration projects within CLOSERs strategic working group focusing on Urban Mobility



# Ongoing collaboration projects within CLOSERs strategic working group focusing on Urban Mobility



# In 2017 the Swedish government initiated a project to create safer, more climate-smart cities using geofencing technology

- Handshake between the two largest cities in Sweden, OEMs and the Swedish Transport Administration and the Swedish Government to collaborate - digitalisation for smart and safe cities
- Government assignment 2017-2018
  - **Action plan:** identified areas to go from demo to implementation
  - **Demo day in Stockholm:** demonstration of technological possibilities
  - Identified need for a **continued strategic collaboration**



# Geofencing for safe, smart and sustainable zones in cities - where vehicles move on peoples' terms



## Swedish R&I platform focusing on geofencing established

Four year program to establish solutions which creates the conditions for the application of geofencing as a guiding tool for the utilization of the transport system from a sustainability perspective. The program originates from the action plan, that was created during year 2018, and intends to drive the development and identify new areas that need progress to result in large scale implementation.

The program has a total budget of 10,7 MSEK, whereof 4,2MSEK is financed through the Swedish Transport Administration.


### Time frame

Year 2019 to 2022

### Expected results

- Initiate and realize pre-studies and innovation projects within the field
- Establish decision-making documents for regulatory changes
- Execute pilot- and demonstration projects in pointed out areas
- Ensure cross-talk between on-going initiatives and related areas
- Become a knowledge hub and provide expertise in the area



More information: 

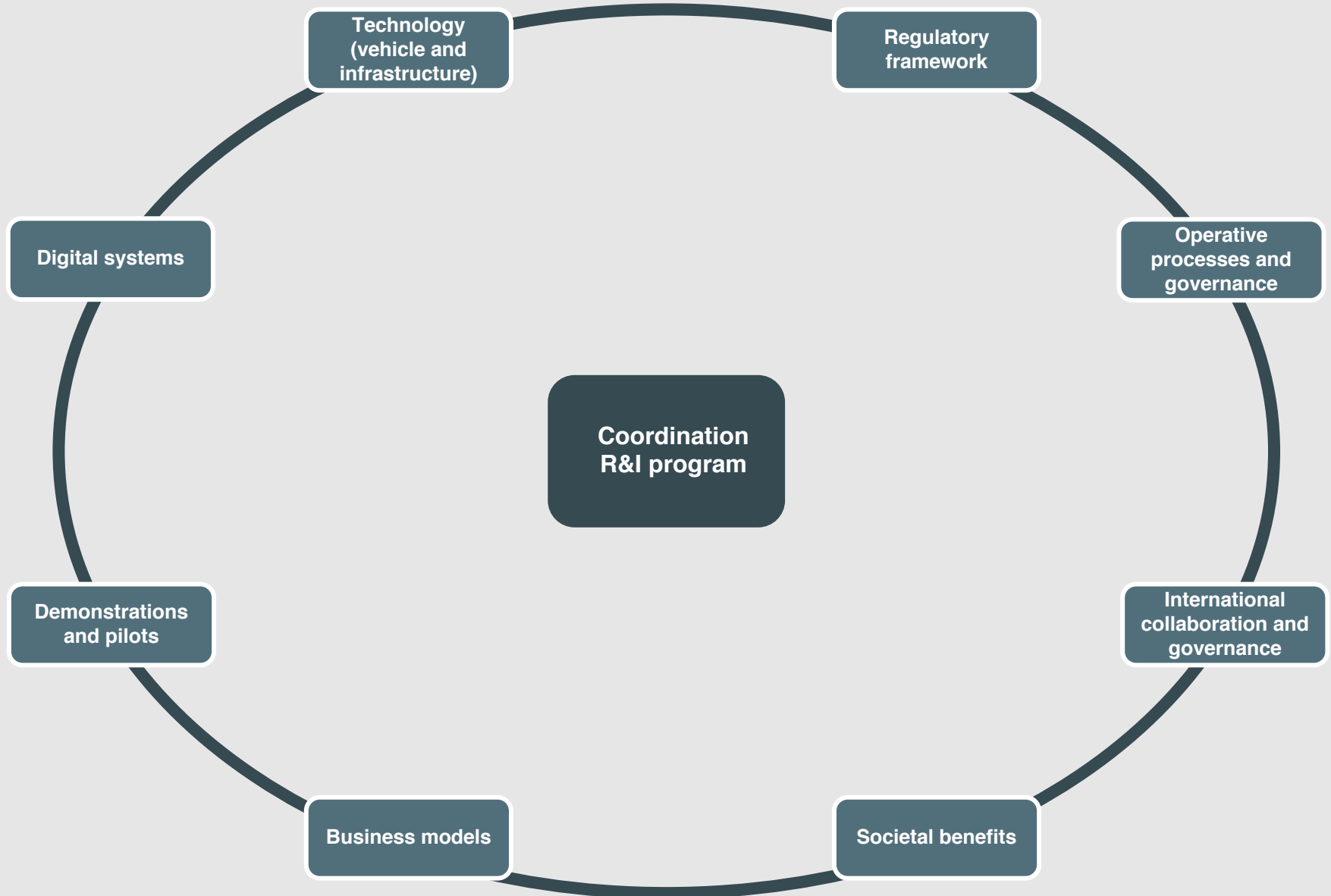


Project leader: *Viktor Åkesson*

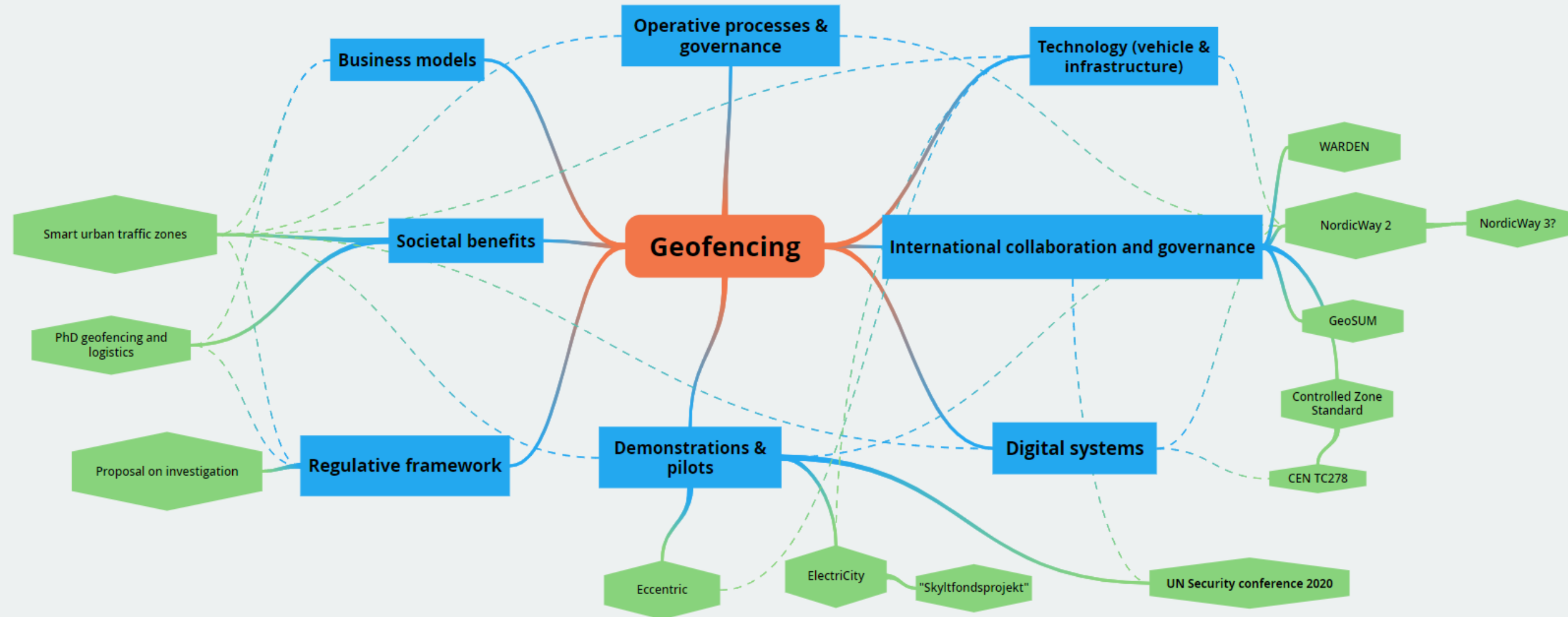


Financiers and main members





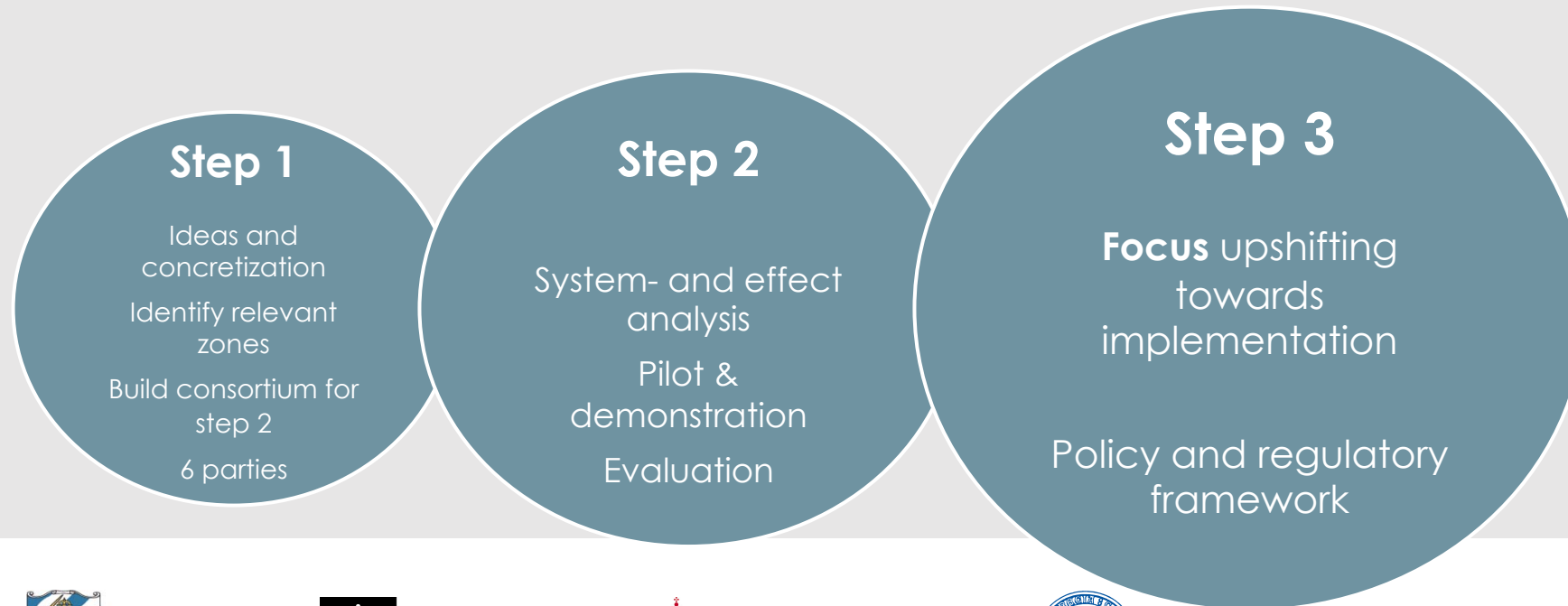
# On-going initiatives within geofencing



# Smart Urban Traffic zones

The project aims to develop the concept of smart urban traffic zones where vehicles' performance and characteristics can be conditional and where zones' geographic configuration and function rules takes place in consideration with the physical formation of the city.

**Aim:** To develop smart urban traffic zones where vehicles move on unprotected road-users' conditions for improved traffic safety and improved urban environment with decreased emissions and noise.





# Dynamic geofenced zones

Workshop on dynamic geofenced zones on the 10<sup>th</sup> of April year 2019

*To discuss prerequisites, benefits, and needs to develop and implement dynamic geofenced zones where vehicles' attributes can be guided.*

	Speed	Environmental zone	Access
Societal benefit	Increased traffic safety	Decreased noise levels	Guide hazardous goods
Road owners' benefits	Increased passability	More attractive public areas	Utilize existing infrastructure better
Road users' benefits	Less stress for drivers	More access	Increased utilization of resources
Other actors' benefits	Better living environment	Better air quality	More space for emergency vehicles



# For more information & contact

LINA MORITZ

Programme Manager CLOSER

[lina.moritz@lindholmen.se](mailto:lina.moritz@lindholmen.se)

+46725499043

VIKTOR ÅKESSON

Project Manager Geofencing

[viktor.akesson@lindholmen.se](mailto:viktor.akesson@lindholmen.se)

+46721416888