

Lahti direction - Integrating SUMP and master planning

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LAHTI

**Lahti is located in Southern Finland,
100 km from the capital of Finland, Helsinki.**

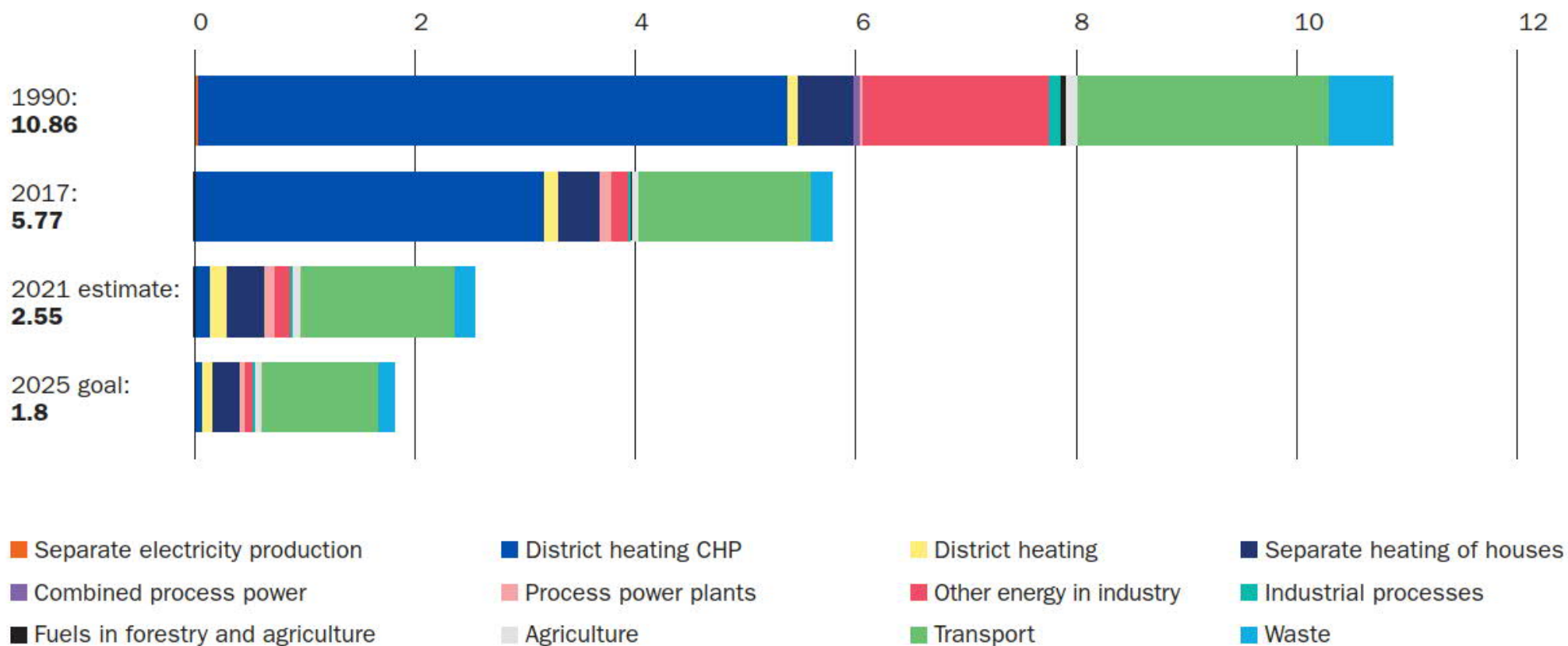


- The population of Lahti is 120 000.
- Over 80% of population lives in urbanized areas.
- Over 70% of residents live within 5 km of the urban core.
- Nine out of ten have an urban green area within 300 m from home.



CO₂ Emissions in Lahti

*production based, per inhabitant



Challenge:
CO₂ emissions in the transport sector

Current modal split:



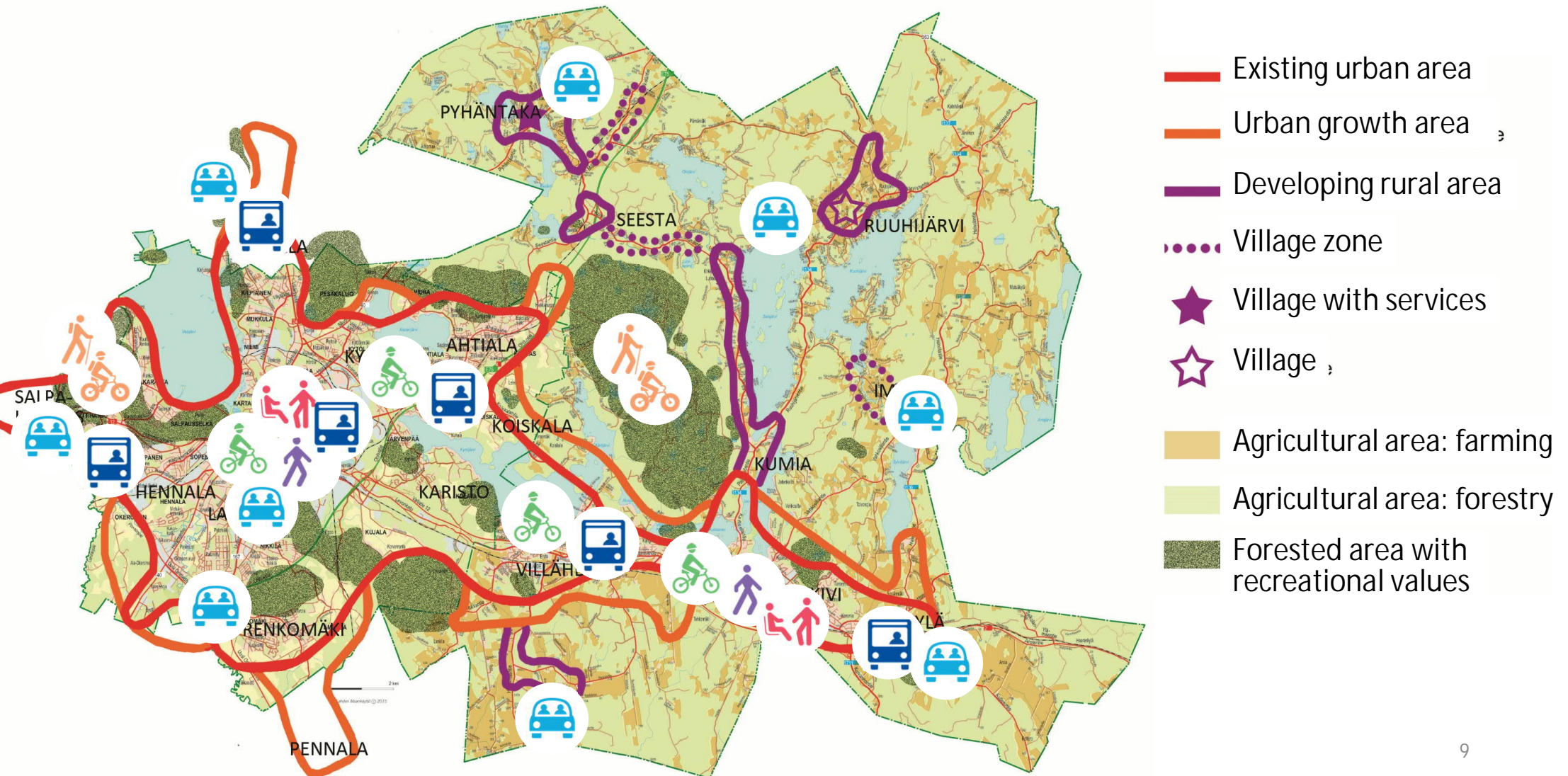
OUR GOAL:
MODAL SHARE IN 2030





Integrated master plan and SUMP process - Lahti Direction-

Different areas support different modes of travel.



From nature to city - Urban transect



After Duany, A. et al. (2010). The Smart Growth Manual.

THE MASTERPLAN IS THE IMAGE OF THE STRATEGY

- City-wide general land-use and traffic network plan since 2009
- Shows where various functions are situated, such as services, livelihoods, dwelling and green areas
- Becomes legally binding with the decision by the city council

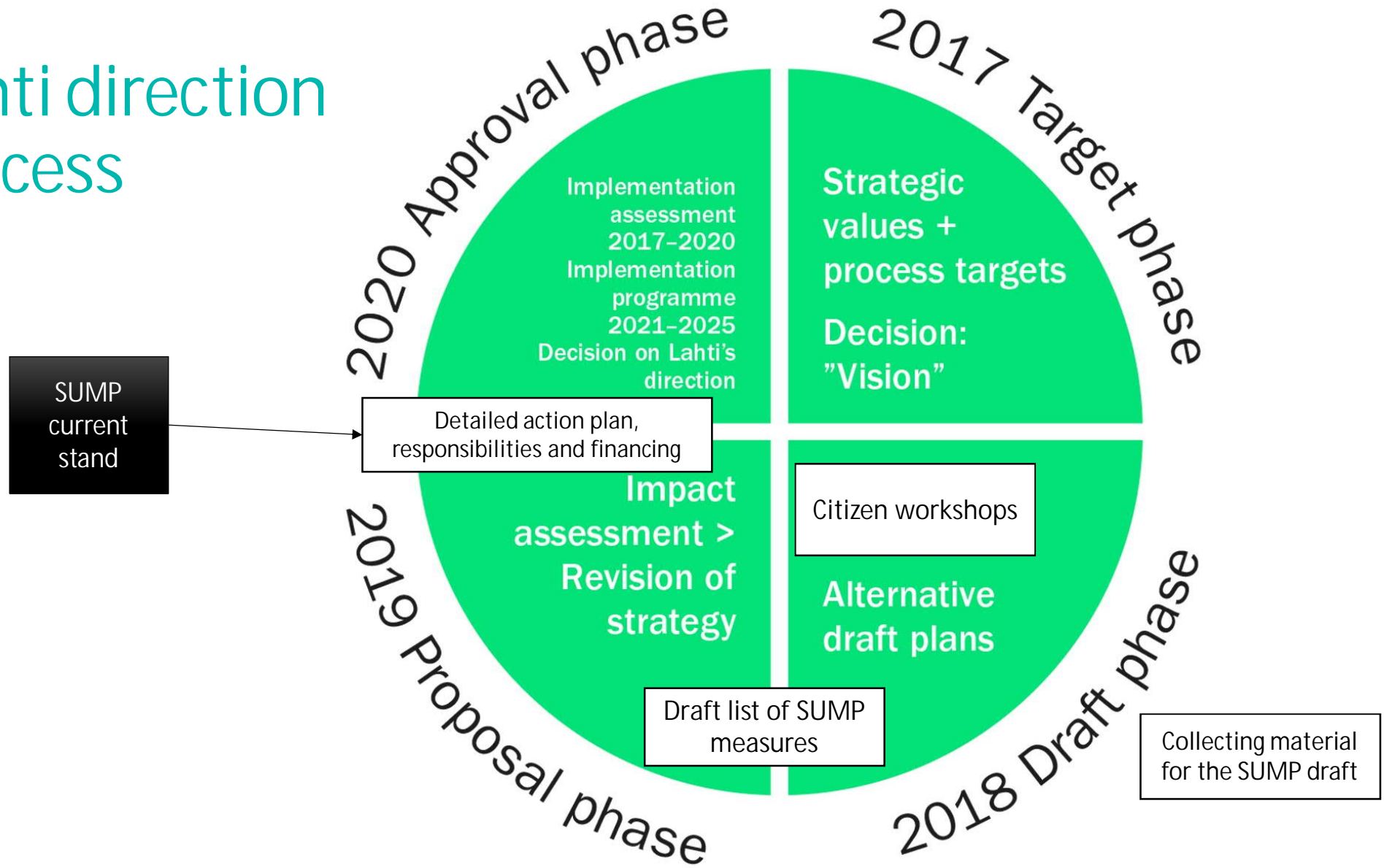
THE SUSTAINABLE URBAN MOBILITY PLAN ILLUSTRATES THE DYNAMICS OF THE CITY

- Vision and goals for sustainable mobility in the urban area for the first time in 2017
- Encompasses all modes of transport
- Is based on the city strategy and requires the whole community's input

PHYSICAL ENVIRONMENT

WISE EVERYDAY CHOICES

Lahti direction process



SUMP draft measures

Nov 2019

SUSTAINABLY GROWING LAHTI (Mobility management, improving walking and cycling)

1	Cycling network 2030 (planning, investment, action plan)	★
2	Guidance on cycling routes	
3	Improving winter maintenance for waling and cycling	
4	Ensiapupaketti pyöräilyn pääreitistölle: päällysteet ja reunakivien madaltaminen/poisto	
5	Mobility management plans for schools	★
6	Paavolan campus mobility plan	
7	Mobility management plans for city personnel	★
8	Communication campaigns	★
9	Cycle point	★

LIVING LAHTI (Traffic safety)

20	Action plan for traffic safety	
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★ Strategic lighthouse project 2019+2020

★ Strategic lighthouse project 2020 add ons

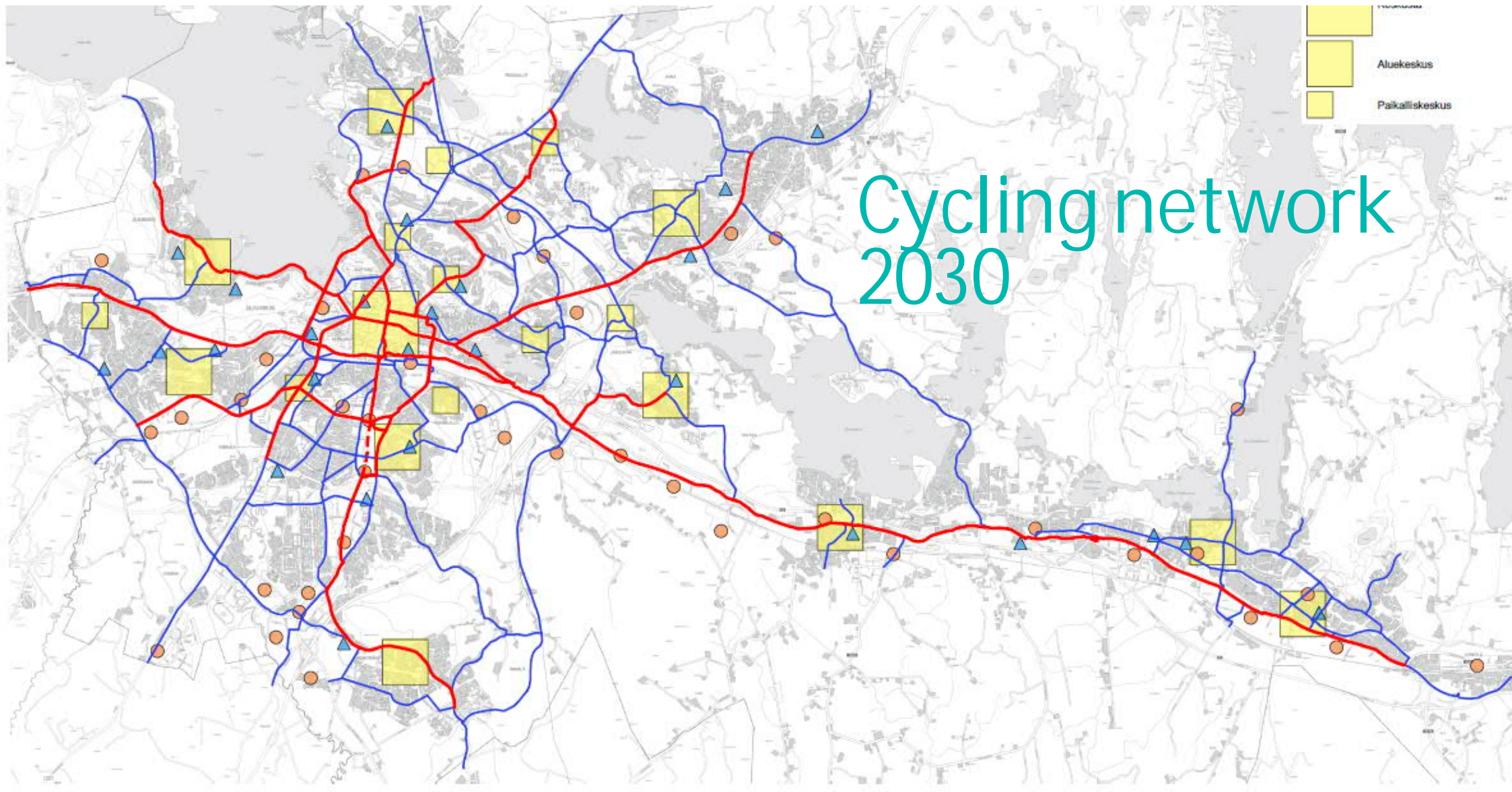
CITY OF SERVICES (PT, travel chains, data)

10	Trunk network	
11	Real time data on PT	
12	Alternative fuels /electrification 2030	★
13	Open data platform for mobility data	
14	City bike system	★
16	Park and ride service improvement for cars and bikes	

LIVABLE CITY CENTER LIISU 2030

		★
16	Sharing system for city owned cars	
17	Reducing on street parking	
18	Re-direction the traffic flow in the city center	
19	Improving walkability of the city centre	

Cycling network 2030

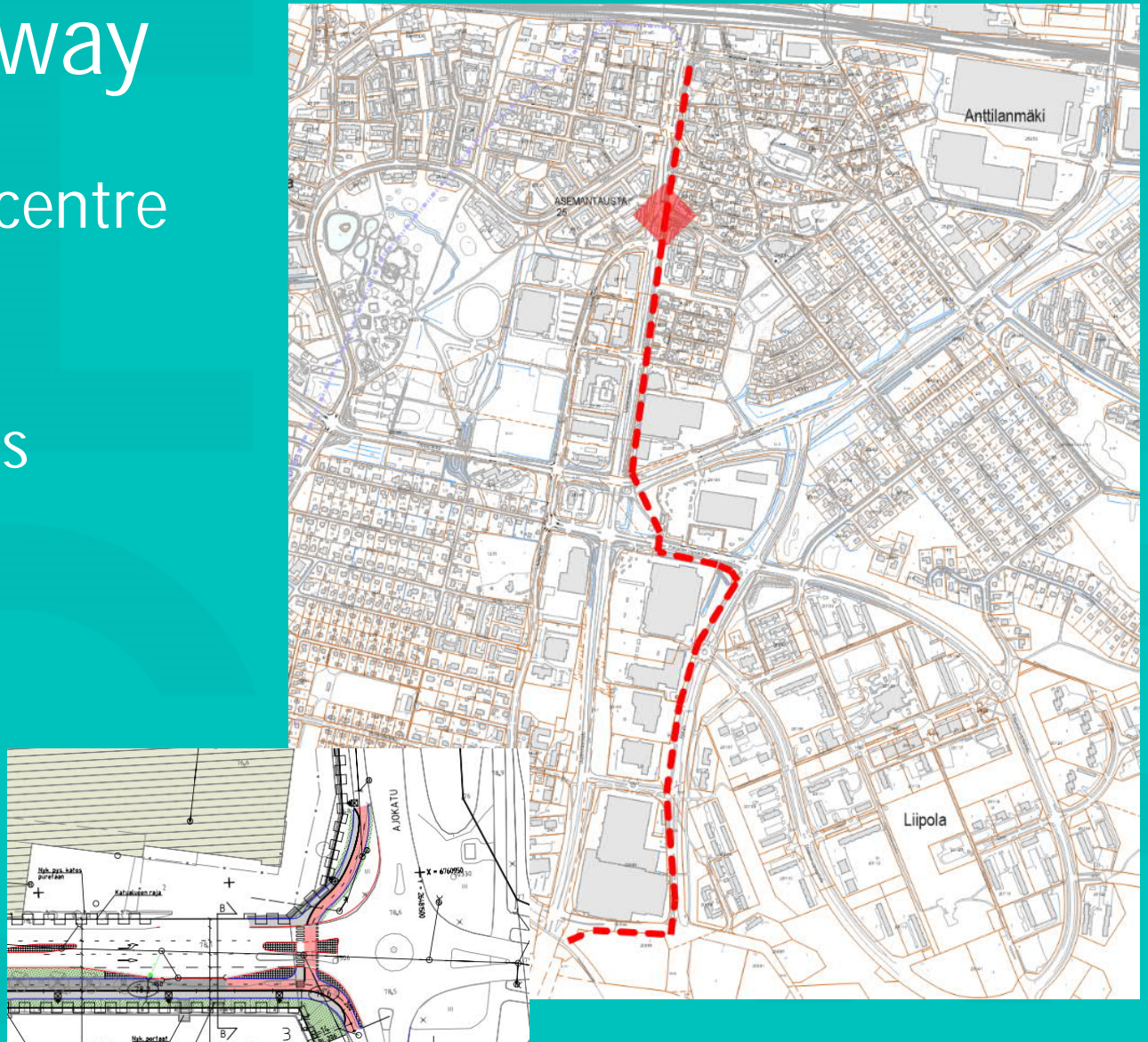


Smart bicycle highway

Route: 2,5 km from travel centre to south

- Piloting smart solutions
 - Bikeep bike racks
 - Smart lightning
 - Info screens
 - Recycled asphalt

Built 2019-2020



Lahti is THE EUROPEAN GREEN CAPITAL 2021



LAHTI

CITICAP
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Thanks!

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