

LAHTI - YOUR ENVIRONMENTAL CITY



LAHTI



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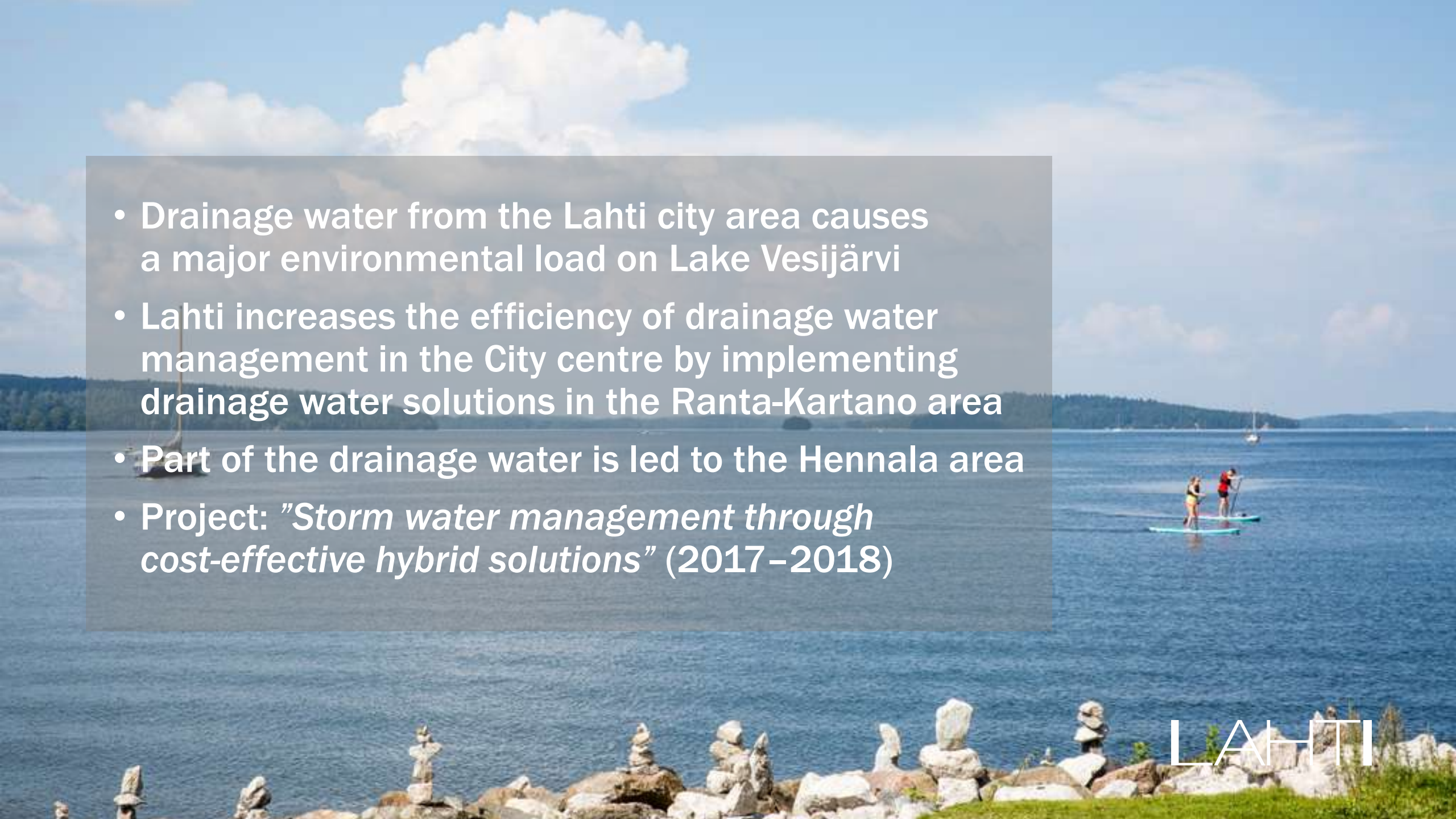
The restoration
of **LAKE VESIJÄRVI**
is one of the most
well-known examples
of water conservation

LAHTI

A photograph showing two people on a boat, wearing high-visibility yellow and orange safety gear, pulling a large fishing net from a body of water. The net is dark and has several black floats attached to it. A red container is visible in the water. The background shows a calm lake and a line of trees on the shore under a clear sky.

**LAKE VESIJÄRVI PROJECT
is also a major voluntary
working programme.**

LAHTI

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- Drainage water from the Lahti city area causes a major environmental load on Lake Vesijärvi
 - Lahti increases the efficiency of drainage water management in the City centre by implementing drainage water solutions in the Ranta-Kartano area
 - Part of the drainage water is led to the Hennala area
 - Project: *"Storm water management through cost-effective hybrid solutions"* (2017–2018)



**Storm water management
improved in the
Ranta-Kartano area.**

Lahti's greenhouse gas emissions have decreased considerably

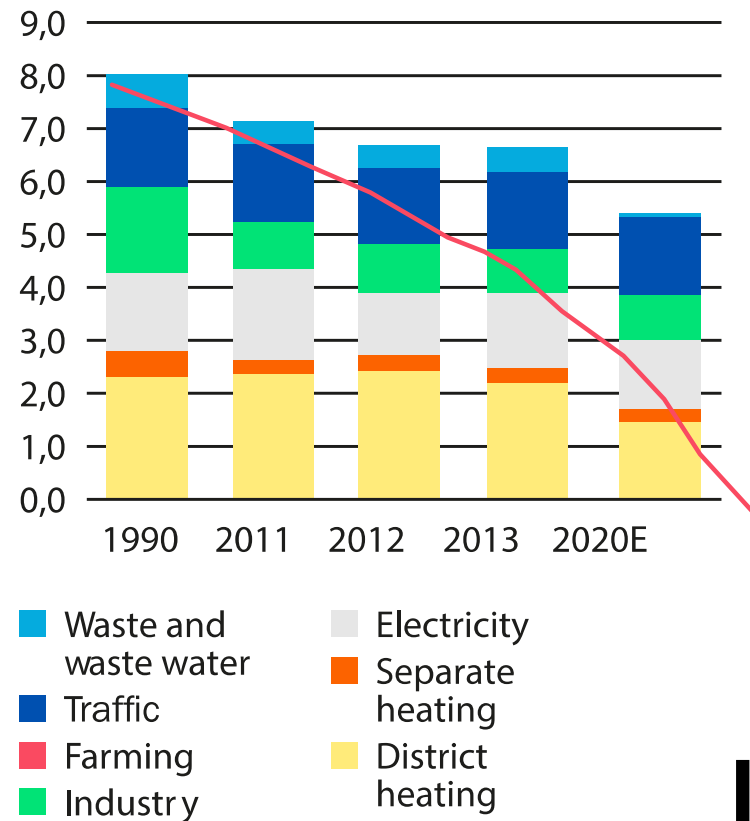
GOAL >>

CO2 emissions (per capita)
-80% from 1990 level
by 2040. Emissions may be
compensated with carbon
sinks (forest growth etc.)

NOW >>

CO2 emissions (per capita)
-37% from 1990 level.

Metric tons CO2-ekv per capita



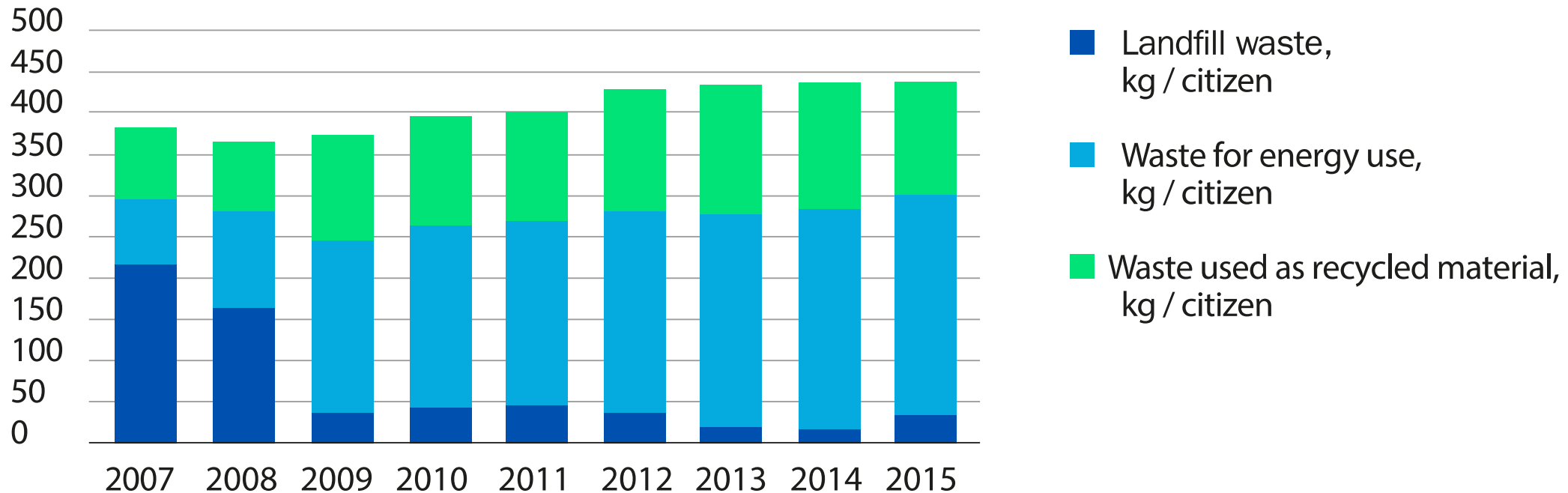
Major investments

- **Lahti Energy Ltd:**
Kymijärvi III biomass- red heating plant (2017–2020)
- **City center stormwater management system** 1 M€ (2017)
- **Kujalan Komposti oy and Gasum Ltd:**
a biogas production and upgrading facility, 18 M€ (2014)
- **Lahti Energy Ltd:** gasification plant, 160 M€ (2012)
- **Kuusakoski oy:** construction waste treatment plant, 20 M€ (2012)
- **Päijät-Häme Waste management Ltd:**
crushing and sorting plant, 4 M€ (2011)
- **st1 bioethanol plant** (2010)

Lahti leads the way in circular economy

Turning waste into resource

Utilization rate of municipal waste (Lahti region 2007–2015)
Amount of waste, kg / citizen





**KUJALA WASTE
MANAGEMENT**
area is an
internationally
known example
of circular
economy

Green Lahti is created through interaction



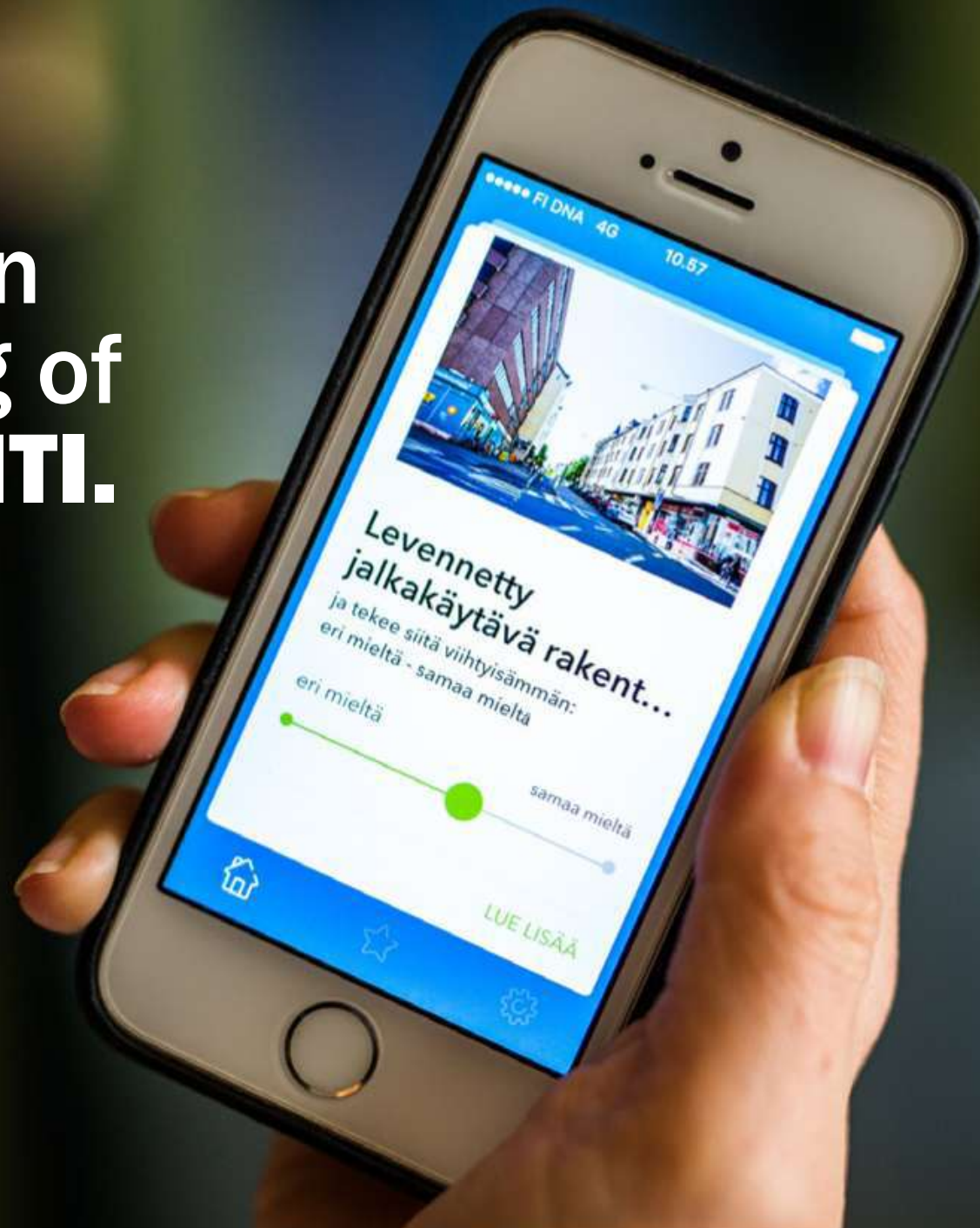
LAHTI



CITY OF LAHTI has created
a completely unique
co-design process for
City's master plan.

LAHTI

Citizens
participate in
the planning of
GREEN LAHTI.



The mobile app,
PORUKKA

LAHTI

**The Ecovan for
teaching children
about nature.**





**ENVIROMENT
GRANNIES and
GRANDPAS** are
an excellent
example of
pro-environmental
volunteering.

LAHTI

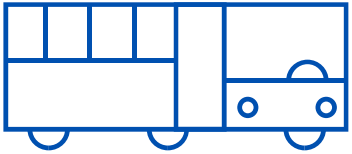
A woman with blonde hair tied back, wearing sunglasses, a white cable-knit sweater, and blue jeans, is riding a bicycle towards the camera on a city street. She has a red bag strap across her chest. The background is a blurred urban scene with trees, buildings, and other people. The text "We'll launch a personal cap-and-trade scheme for urban mobility in 2019 (CitiCAP, UIA)" is overlaid on the left side of the image in a large, bold, white font.

**We'll launch a
personal cap-and-
trade scheme for
urban mobility in
2019 (CitiCAP, UIA)**

LAHTI

From car-dominated traffic into sustainable transport (SUMP)

CitiCAP project is a tool for smart SUMP



Public transport

- Major change in 2014: net-model based public transport, 40% increase in the level of service
- **CitiCAP:** Integrating the smart solutions to public transportation plan
- Lahti Energy builds e-charging stations



Lahti has a good cycling infrastructure

- 532 km of shared paths for pedestrians and cyclists (in 2016)
- Cycling has increased from 3% (mid-1990s) to 18% (2016)

CitiCAP: Smart bicycle pathway

- Good-quality path (wide path, separated from the road, good- quality asphalt)
- Rapid connection from Laune residential area to the city centre
- Smart solutions (sensors, smart lightning etc) integrated to bicycle infrastructure, test-bed for new innovations

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An aerial photograph of a city, likely Lahti, Finland, featuring a dense urban area with various residential and commercial buildings. A prominent tall, red and white lattice communication tower stands in the foreground, extending from the bottom towards the top of the frame. The city is surrounded by lush green forests, and the sky is clear and blue.

We are looking for City partners to work with us in CitiCAP project

Got interested?

Please contact:

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An aerial photograph of a marina in Lahti, Finland. The marina is filled with numerous small boats docked along wooden piers. In the foreground, there is a small, forested island with a few buildings and a dock. The water is calm, reflecting the surrounding greenery and the sky. In the background, there are more islands and a large body of water under a clear sky.

Thank you!

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