



Tallinn

THE CITY WHERE
THE FUTURE IS
NOW



THE STORY STARTED IN 1998

- eTax system – 1998
- Mobile Parking – 2000
- eSchool – 2002
- ID Card – 2002
- Digital Signature – 2002
- ePolice – 2005
- iVoting – 2005
- iHealth – 2008
- eResidency – 2014
- **Tallinn has the third bigger number of startups per capita in Europe – Skype, Transferwise, GrabCad, Starship Technologies**



SMART TALLINN

OBJECTIVE: **well-being** of citizens; services and developments that make our life simpler, quicker, more convenient and more sustainable.

KEYWORDS:

accessibility

interoperability

user-friendliness



Tallinn



TALLINN IS EXPERIMENTING

A TRUE eSOCIETY

Offering a platform for international socio-economic innovations



- **eResidency** provides digital ID to start and run a business in the EU
- **Parcel delivery robots** legally on streets
14.06.2017
- **Self-driving cars** are legally allowed on streets
22.3.2016
- **Ride-sharing** is legalised and properly taxed 14.06.2017



E-GOVERNANCE

Good digital services through effective IT solutions

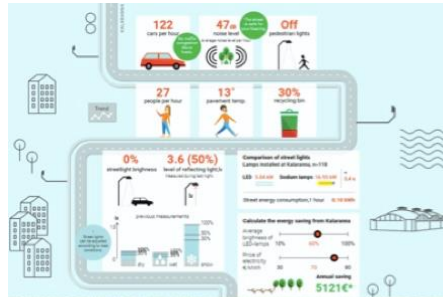
- 86 **fully digital services** out of the 570 city services
- **WiFi everywhere**, incl 340 public WiFi areas
- information systems connected to state-provided X-Road platform
- **Self-Service Portal** for citizens
- Services linked with city **GIS/map**
- **Digital participation** tools and applications
- Mobile services (ticketing, parking)



Healthy Lifestyle City

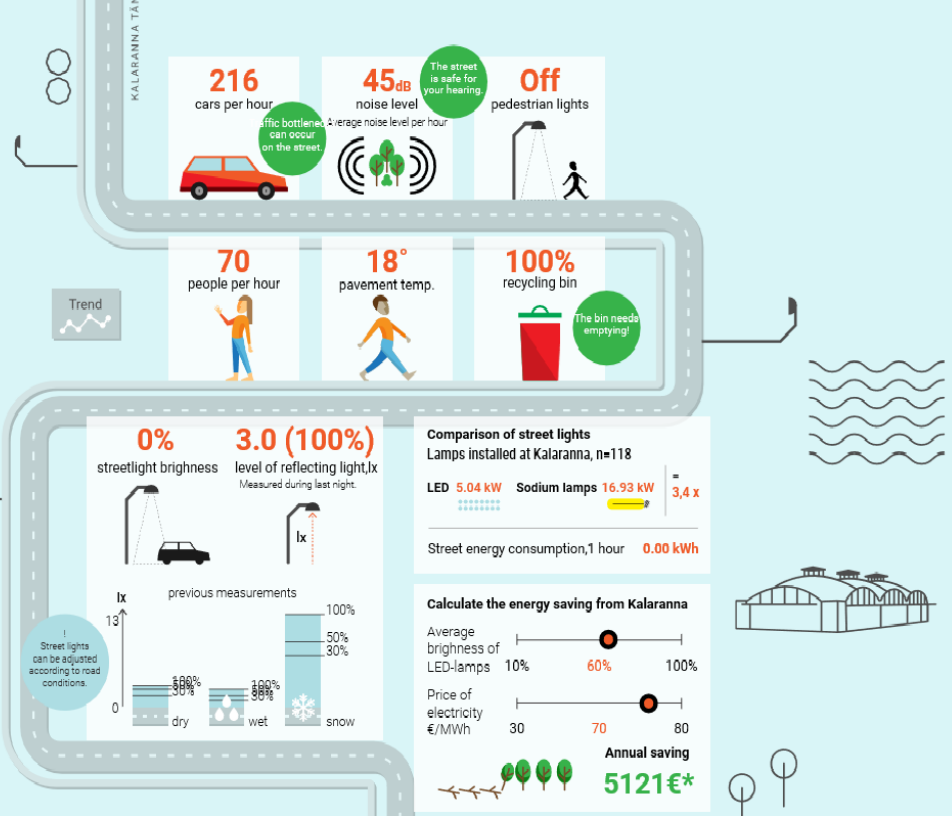
Living green and healthy life is a basic human right

- **Bicycle Strategy** by NGOs & City Gov.
- **Free Public Transport** QR ticket & contactless payments with bank card
- **Eliko Smart Street** – modular real time street lighting system
- **GIS based City Farming** & Circular Economy Initiative



Kalaranna SmartStreet

Based on real-time data from SmartELI™ street lighting control system.



LATEST SMART PROJECTS

- **Smart bike racks** with e-bikes charging
- 3D underground infrastructure mapping
- Testing of **smart street cover** that is capable to produce solar energy and manage infrastructure
- **Digital construction** projects by using Building Information Modelling (BIM)
- Use of **5G** in traffic management system



LET'S DO IT TOGETHER CITY

Creativity, joint mission & joint action
unite society



Tallinn

- **OpenCity app** – digital participation tool
- **Joint 1.5 km Main Street Initiative** lead by Architecture Centre & with two-wave digital public engagement
- **World Cleanup Day 2018** – the world's biggest civic action
- **Bee-Bot robots** in all kindergartens



AvaLinn





TALLINN IS ENGAGING

COLLECTIVE CREATIVITY & KNOWLEDGE SHARING LEAD TO SUCCESS

- **Creative Ideas for Tallinn Competition**
- **Prototron Kickstarter**
- **G48 Hackathons “The Future of Tallinn” & “Tech for Humanity Hackathon” – 2017**
- **Collective R&D Centres – Connected Health**
- **Tallinn Positive Programme 2018-2021 ideas collection in 2017**
- **Annual Tallinn Innovation Day**
- **TAB Vision Competition 2017 – futures of Paljasaare Peninsula**
- **Creative Co-Working Spaces, Living Labs & Knowledge Centres to support city development: Smart City Lab, Mektory, Tallinn Science Park TEHNOPOL**





TALLINN IS EXPANDING

TALLINN IS A BIG FAN & PROMOTER OF OPEN INNOVATION



- **Tallinn Technology University full digitalization** – TalTechDigital project
- **Startup Visa** – 01.2017
- **Cross-Border Data Exchange Layer X Road** leading to Tallinn-Helsinki Twin City 2016
- **Tallinn-Helsinki Hyperloop One** – Letter of Intent signed on August 31st, 2017

