



# LATVIA SEMINAR, SUSTAINABLE TOWNS

*Källhagens skola, Finland*



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ERASMUS+ 2018-2020

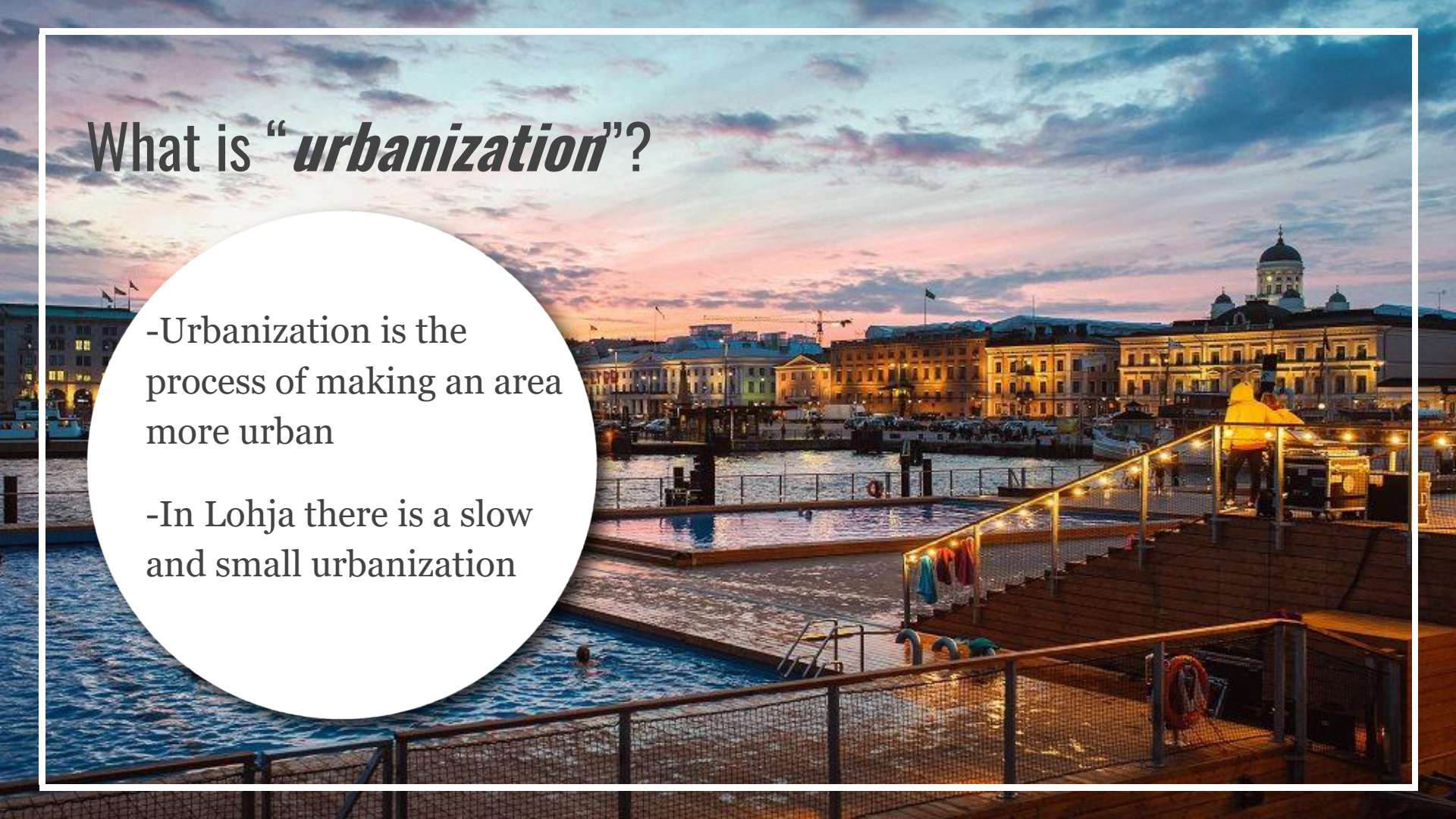
# What is a **clever sustainable** town or city?

- In Finland we have a picture over how the city will be built and rules that we follow
- We use technology and the media for inspiration
- If something has failed before, we will upgrade it and build a new one
- Infrastructure, is something the finnish people love
- To have sustainable city you need to have contract with water- and electricity companies and the waste management companies

# What is “*urbanization*”?

-Urbanization is the process of making an area more urban

-In Lohja there is a slow and small urbanization







Where are the places in your city that are at risk of flood, drought, torrential rain or heat?

-Since Lohja is on top of a ridge, we don't really have any natural disasters.

-There is a lake that sometimes get a little bit flooded, but that doesn't even happen once a year.

-Also since almost half of the year is winter, the lake is frozen, which means that there is ice on top of almost, or the whole lake.

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Has your city done anything to increase *the resilience* of these places regarding flood drought?

-No, we haven't. We don't need that either since flood drought isn't something we have to worry about since it almost never happens.

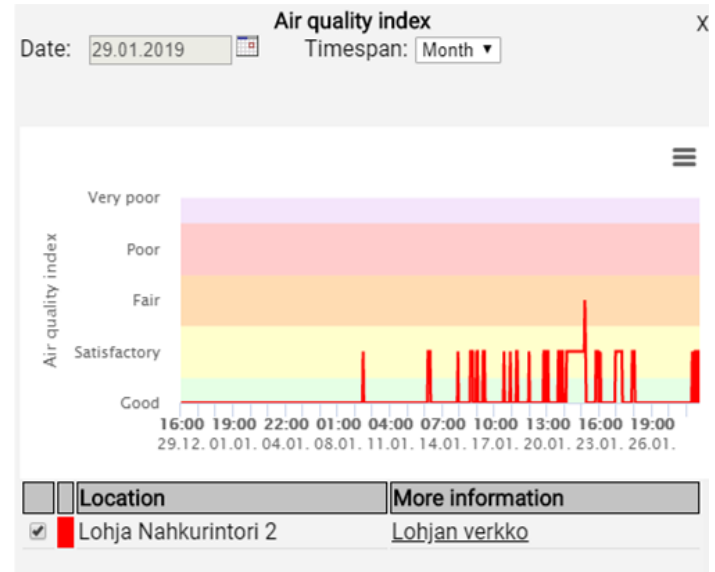
-Short video of Lohjanjärvi

<https://youtu.be/NBIK-0hB5q0>

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# What is the air condition in your city?

- The quality of the air is usually good, we don't have that much pollution in Finland.
- The biggest pollution is caused by the exhaust from the traffic. You could improve the air quality by using more public transports.
- Because of the rainy and cold weather in Finland, we can't have any open air schools.





# How does your city cope with waste?

## Waste management and recycling

- At home, you need to normally sort out your waste before taking it out to the waste containers
- Undamaged goods are not waste

## Sorting containers in Finland

- Biowaste, Paper, Carton, Glass, Metal, Mixed waste, Hazardous waste, Batteries and plastic packages
- There's a waste center in Lohja, called Munkka

## Incinerator, an ideal solution?

- In Vantaa there's an incinerator, Vantaan energia
- If the incinerator is good, it's ideal, but if it pollutes a lot, it's not

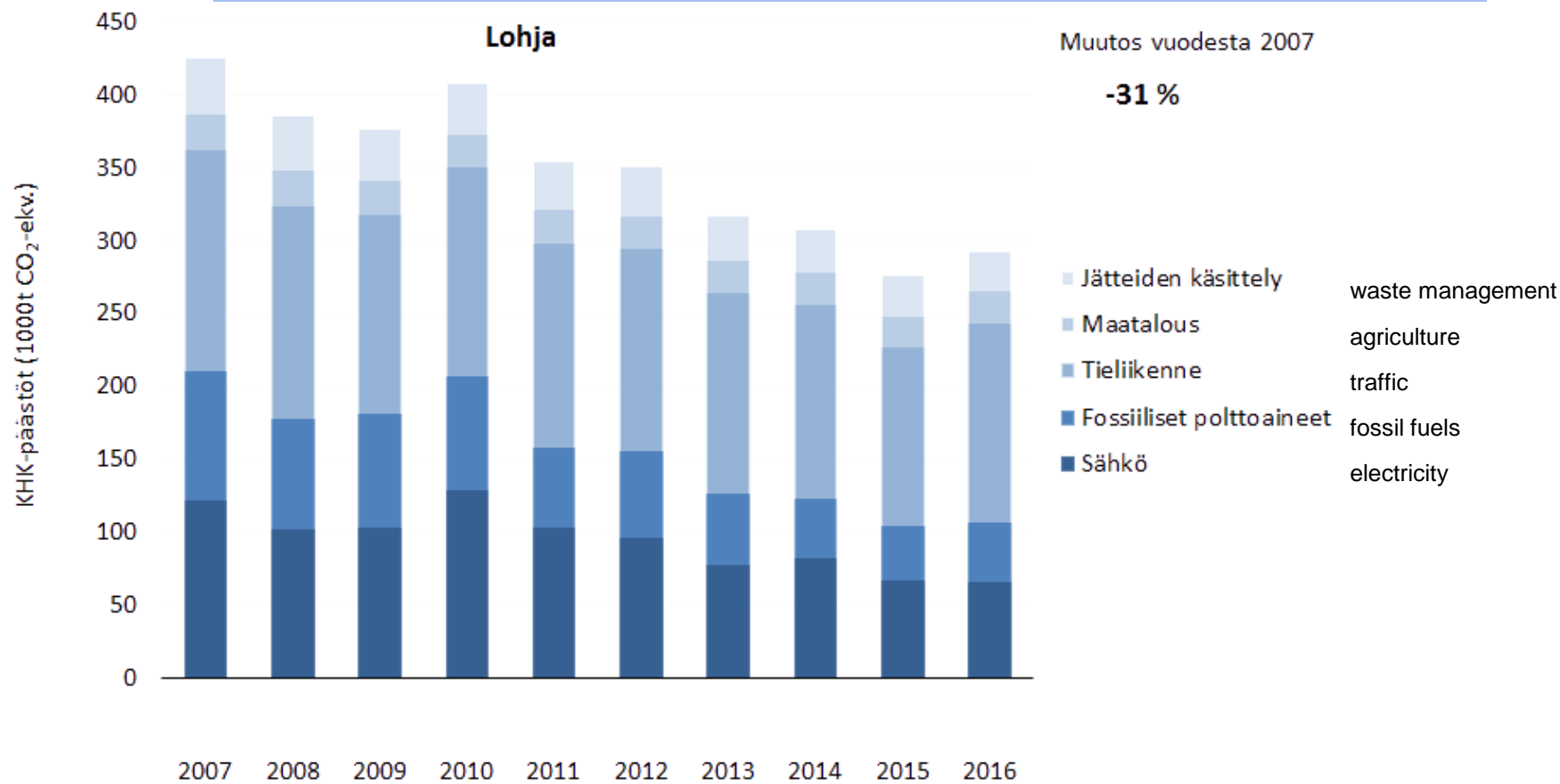


# Are there enough green places?

- In Lohja there are 8 different kinds of nature trails, for example Paavolan luontopolku and Pähkinäniemen luontopolku
- In Lohja there are many apple farms, which are famous
- The finns are what we call “forest people”



# HOW DOES YOUR CITY SAVE ENERGY?



# THE SOCIAL ENVIRONMENT IN TOWNS AND CITIES

In Finland we really do not have rich or poor districts. In towns and small cities we are able to keep it neutral. Helsinki might have a slight difference but it is not a big problem.

There are only a few homeless people

Help with money is provided if needed.





# Social environment in schools

- Everyone has a right to go to school despite the status of their family and parents do not have to pay for school.
- Students with disabilities also have the right to get extra help.



# Does your city have an industrial zone?

-In Lohja there aren't any big industrial zones anymore. The ones that are left, are quite small.

-The factories are located outside the urban area.

-The most significant factory in Lohja was the paper factory, Lohjan paperitehdas, that was in use from 2008 to 2015.

-Nordkalk limestone mine





# Thank you!

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# Sources:

<https://www.infofinland.fi/en/living-in-finland/housing/waste-management-and-recycling>

<https://en.ilmatieteenlaitos.fi/air-quality>

<https://www.lohja.fi/>



# Pictures:

[http://www.fishinginfinland.fi/kuvat/274\\_small.jpg](http://www.fishinginfinland.fi/kuvat/274_small.jpg)

[https://images.cdn.yle.fi/image/upload//w\\_1198,h\\_674,f\\_auto,fl\\_lossy,q\\_auto/13-3-9852839.jpg](https://images.cdn.yle.fi/image/upload//w_1198,h_674,f_auto,fl_lossy,q_auto/13-3-9852839.jpg)

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