

# Sustainable communities

Land use planning

Examples of sustainable communities

31.10.2020

[kiertotalousamk.fi](http://kiertotalousamk.fi)

kierto-  
talous  
AMK  
CIRKULÄR EKONOMI YH  
CIRCULAR ECONOMY UAS



Opetus- ja  
kulttuuri-  
ministeriö

# Finnish land use planning system



Learn more about Finnish system: <https://ym.fi/en/building-and-land-use>



# Find local information

- You can explore the planning system through a city or a municipality you are living in Finland / or present the land use planning system of another country:
- 1. Regional council
  - Find out what is the regional council covering your area
  - Go to the home page of the council and search for the **regional land use plan** (containing the official map, report and several background reports)
- 2. Municipality
  - Go to the home page of the municipality and search for **local master plans** and **local detailed plans**, which consist of the official land use planning maps and reports



# Regional councils in Finland

- There are 18 official regions in the mainland Finland
  - Åland islands form also a region as an autonomous province
  - Regional councils are responsible for regional planning in Finland
  - Explore in what region you are living and what planning documents the regional council has produced
- <https://www.localfinland.fi/regional-councils>



# Municipalities in Finland

- In 2020 there are 310 municipalities in Finland
  - The size and the population of the municipalities can differ significantly
  - Search for:
    - the biggest municipalities by population and size
    - the smallest municipalities by population and size
- <https://www.localfinland.fi/>



# Legislation

- The current Land Use and Building Act is under reform and the new suggestion for the legislation will be presented until the end of 2021
- The law defines the different levels of planning and the requirements for the regional plan, the local master plan and the local detailed plan
- Explore the main principles of the law here: <https://ym.fi/en/land-use-and-building-act>



# Growth agreements between biggest cities and the state

- Government has made a principal decision that these agreements deal with Helsinki, Tampere, Turku and Oulu regions during 2016-19
- The agreement covers land use, living and transport of these regions and how to strengthen these aspects in the region
- Also mid-sized city regions including Lahti, Jyväskylä and Kuopio are aiming to have similar agreements with the state
- In Finnish *MAL or MALPE –sopimukset*
- Ministry of Economic Affairs and Employment of Finland is responsible of the negotiations and agreements



# Contents of the agreements

- Common situation (apartment market, land use reservoir) and evaluation of the change (for example the economic growth / decline and employment in the future)
- Goals based on the current situation: for example residential production with reasonable price and practical contents of the agreement (like the amount of planning of new residences and their situation in the community)
- "Sticks and carrots" – how to ensure that the agreed matters will be realised ( like the amount of monetary support of the state and the municipalities, the amount of investments and their target, side effects)
- Vatiilo, M. in RASTI seminar 2018 (free translation from Finnish to English)
- [https://www.ymparisto.fi/fi-FI/Elinympariston\\_tietopalvelu\\_Liiteri/Uutiset/RASTIseminaarin\\_materiaalit](https://www.ymparisto.fi/fi-FI/Elinympariston_tietopalvelu_Liiteri/Uutiset/RASTIseminaarin_materiaalit)





# New agreements after 2019

- Good starting point – the agreements add future orientation
- For the state this agreement is a good combination – land use, living and traffic systems have to be planned together as a whole
- Vatiilo, M. in RASTI seminar 2018 (free translation from Finnish to English)
- [https://www.ymparisto.fi/fi-FI/Elinympariston\\_tietopalvelu\\_Liiteri/Uutiset/RASTIseminaarin\\_materiaalit](https://www.ymparisto.fi/fi-FI/Elinympariston_tietopalvelu_Liiteri/Uutiset/RASTIseminaarin_materiaalit)
- Special attention on the following viewpoints:
  - Enough land is reserved for the residential construction needed
  - Traffic infrastructure will support especially sustainable transport and moving
  - Also important: the emissions of land use, living and traffic will decline by 50 % until 2030



# Living outside growth centres

- Local development of living
  - the attractiveness of a place is developed through political and strategic work
  - a place can be attractive even if the area is not growing

Residents or enterprises – where the growth comes from

- Support enterprises – create new jobs – bring new residents

OR

- develop the attractiveness of the living environment and produce more residences – brings new residents – who create new businesses, buy goods and so on

Attractive residential town attracts also businesses?

Hassi, L. in RASTI seminar 2018

[https://www.ymparisto.fi/fi-FI/Elinympariston\\_tietopalvelu\\_Liiteri/Uutiset/RASTIseminaarin\\_materiaalit](https://www.ymparisto.fi/fi-FI/Elinympariston_tietopalvelu_Liiteri/Uutiset/RASTIseminaarin_materiaalit)





# Areas aiming to improve their sustainability

International and Finnish examples



# Example area: Hammarby Sjöstad, Stockholm

- <https://www.youtube.com/watch?v=TpITgSmk6rY>
- Open the link and explore the material, especially:
- What is the history of the area and how the development started
- What kind of issues the sustainable development has covered
- 



# Example: Malmö, Sege Park

- <https://malmo.se/Nice-to-know-about-Malmo/Sustainable-Malmo-.html>
- Explore how the city applies the SDGs in local level
- Explore how the new area of Sege Park is developed in a sustainable way



# BedZED, London

- <https://www.bioregional.com/bedzed/>
- UK's first large-scale, mixed use sustainable community with 100 homes, office space, a college and community facilities.
- Completed in 2002, this pioneering eco-village in south London suburbia remains an inspiration for sustainable neighbourhoods and our One Planet Living Communities across the world.



# BedZED

- learn through the link about
- Health and happiness,
- Equity and local economy,
- Sustainable Water,
- Sustainable Materials,
- Sustainable Transport and
- Zero Carbon
- And collect the main points!

- <https://www.bioregional.com/wp-content/uploads/2016/04/The-BedZED-Story-2017.pdf>

Find out: How  
heat and  
electricity are  
produced in the  
area?



# Freiburg

- Learn about the history of Freiburg:
- how the city became a green city and
- how the elements of sustainable communities are represented in the current city policy and community planning
- <https://www.freiburg.de/pb/,Len/372840.html>

What was the situation in Freiburg in 1970's?





# Eco-Viikki, Helsinki



- One of the first ecological residential areas in Finland was planned in Helsinki, the area of Viikki, in mid 1990`s
  - Green areas and management of stormwater were included in the plan
  - Explore what kind of principles were adapted in building and energy production
  - Get to know the stages of the planning process:
- [https://www.hel.fi/static/kanslia/uuttahelsinki/Eco-Viikki\\_aims\\_implementation\\_results.pdf](https://www.hel.fi/static/kanslia/uuttahelsinki/Eco-Viikki_aims_implementation_results.pdf)



# European Green Capitals

- EGCA, European Green Capital Award has been donated to 12 different cities since 2010 – the award is to promote the efforts of local cities and their ambitious environmental development goals
- Learn about the winner cities:
  - <https://ec.europa.eu/environment/europeangreencapital/winning-cities/>
  - Lahti – European Green Capital 2021
  - Learn about the environmental development and its achievements in Lahti:
  - <https://greenlahti.fi/en>



# Learn about Lahti: what steps have been taken in environmental development

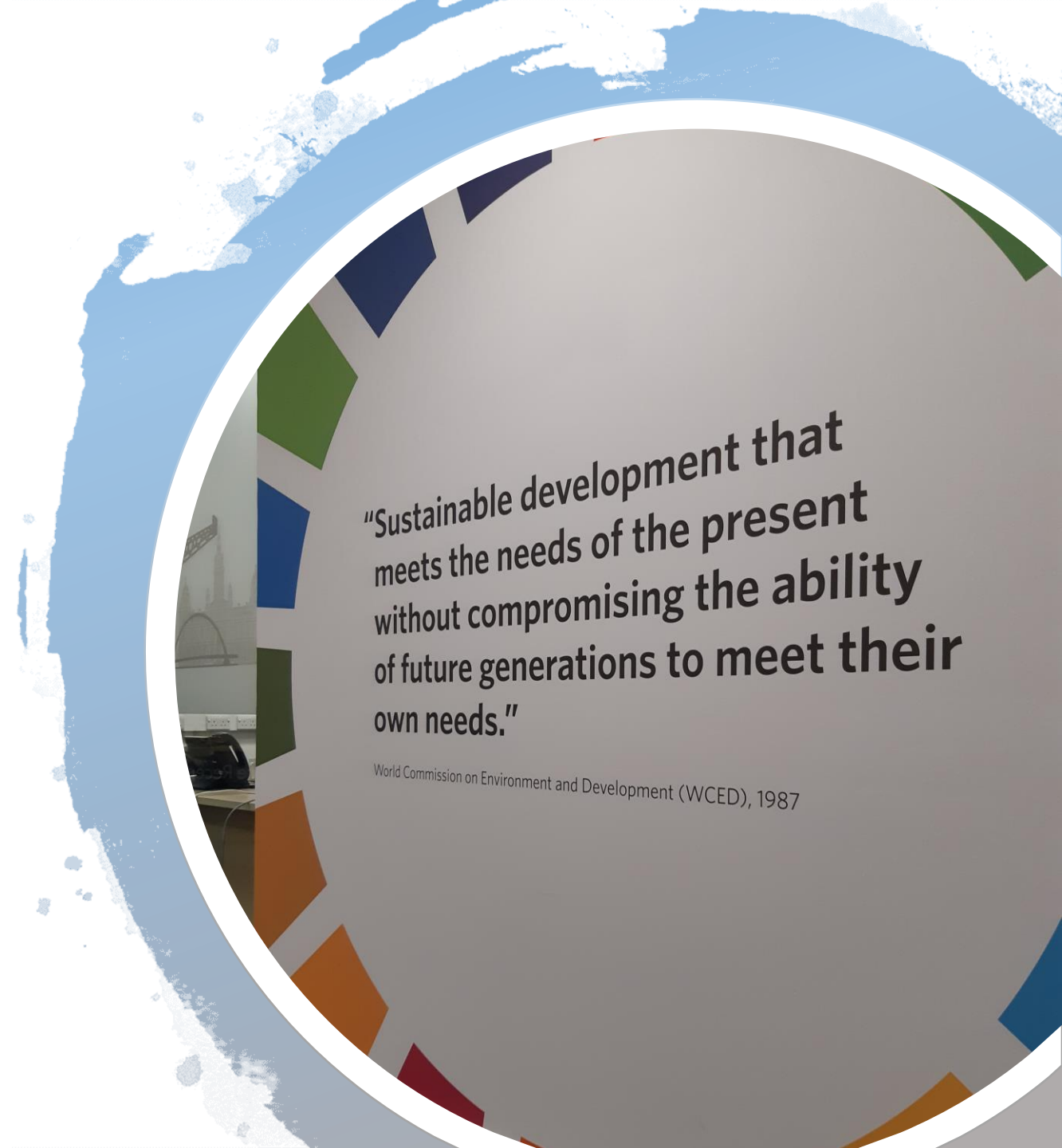




# Find other examples!

- Choose a city or a town search for examples of new urban areas
- What kind of principles are central in the planning process
- What kind of differences you find with the previous examples
- Find examples of rural development dealing with sustainable development – what kind of examples you find and how they demonstrate sustainability
- You can also use the description of the assignment about the forerunner cities....





**"Sustainable development that  
meets the needs of the present  
without compromising the ability  
of future generations to meet their  
own needs."**

World Commission on Environment and Development (WCED), 1987