

Climate Policy in Tampere

ECO2 WS

9 September, 2010

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The Energy and Climate Change Commitments of the City of Tampere (1)

International:

- **Aalborg Commitments 2007-** Sustainable Development Actions in full, 10 themes
- **Covenant of Mayors 2008 – (EU/ energy):** over 20 % decrease CO₂ emissions from 1990 level until 2020 -> Sustainable Energy Action Plan
- **Eurocities Declaration of Mayors 2009–**Climate Policy and its Actions as a whole



The Energy and Climate Change mitigation commitments of the City of Tampere (2)

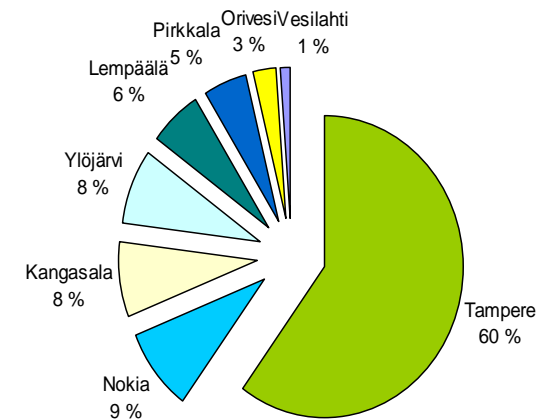
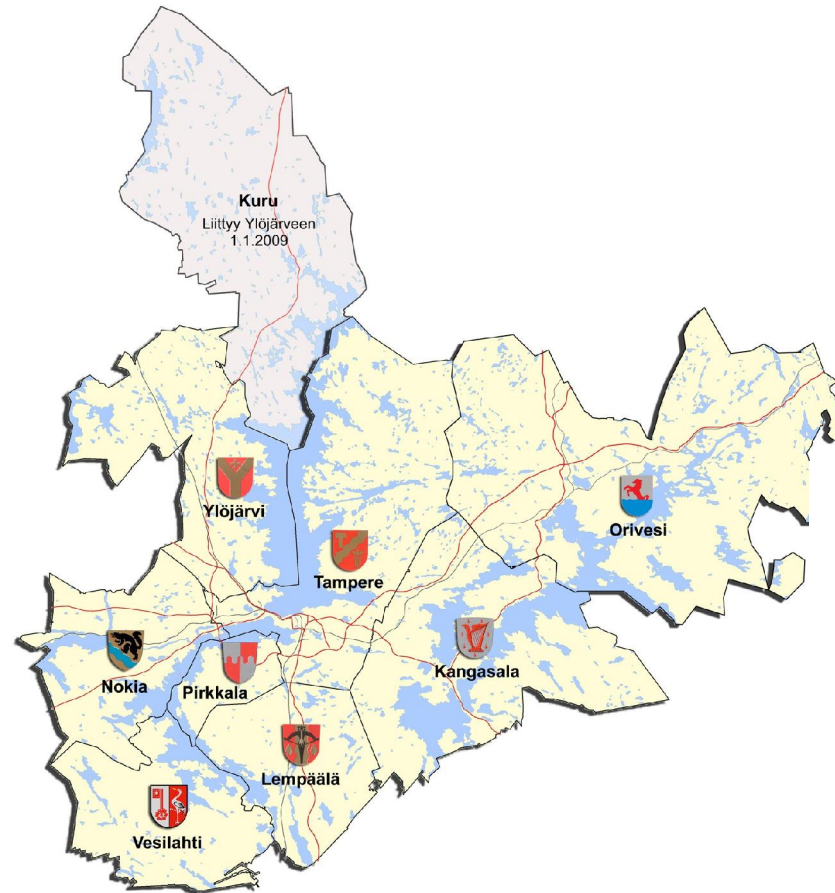
National

- Agreement with Ministry of Employment and the Economy -> **Energy Efficiency Plan 2008-2016** , the City will decrease its energy consumption 9 % from 2005 level until 2016
- **Climate Change Strategy** > at least 30 % less CO₂- emissions in 2030



Tampere Region is growing

- more inhabitants, more new housing, more transportation – more emissions?



http://www.tampereenseutu.fi/in_english/



Basic questions in Tampere Region

How to use effectively services?
How to get services near to the citizens?

How much new housing is need to build?
How to get housing areas more attractive?

- What kind of land use model?
- How strong growth?
- Where to build?
- What is the schedule for new areas?

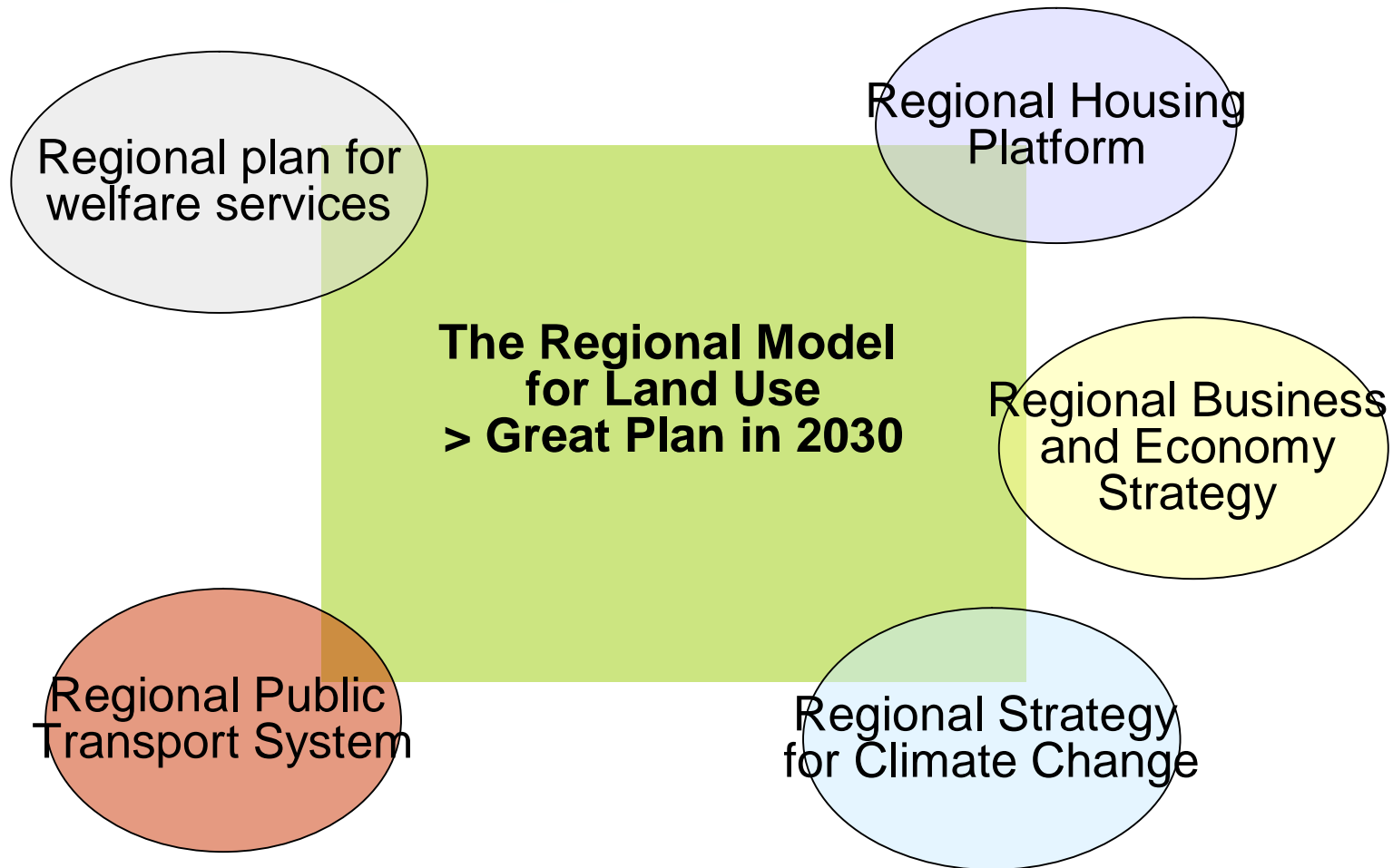
The business areas common for the region?
Competition between communities?

How to get traffic system fluent?
How to minimize the need of transport and traffic?
How to make public transportation and light traffic attractive?

How to decrease energy consumption for heating and transportation?
How to use more renewable energy sources?



The integrated, regional community planning 2008-2010



Impressive Climate Policy?

Focus in Energy:

- energy efficiency
- low energy level
- energy saving

Actions

- >in construction
- > in traffic and public transport
- >in land use planning
- > in public purchase
and especially
- > in energy production



Main Targets of The Regional Land Use Model and the Climate Change strategy (1)

- Tampere Region has succeeded to prevent urban sprawl and the new housing areas are situated in the pedestrian and public transport zones in 2030
- Public transport is efficient and the routes of cycling are comprehensive. The modal split of public transport is at least 25 % in 2030.
- The modal split of light traffic has grown to 15 % in 2020
- The share of renewable energy sources of Tampere Energy Company is 30 % in 2020



Main Targets of The Regional Land Use Model and the Climate Change strategy (2)

- The new buildings of the city are carbon neutral and the city and its partner companies have advanced in the carbon neutral energy renovations
- Tampere region is the pioneer as the developer, the producer and the consumer of energy efficiency and as a co-operator with companies and universities in demonstrating and piloting energy efficient projects



Some background for Environmental Policy in Tampere

- Data and reports
 - Nature conservation and biodiversity report in 2003, Nature protection programme in this year
 - Air Quality – 4 measurement stations, a report yearly
 - State of Environment- a report every 4 th year
 - Sustainable Development programme, a every other year report
 - The Energy efficiency report, yearly and
 - The Sustainable Energy Action Plan, the first report to EU in 2012, GHG- calculations yearly
 - > *Our sustainable Community team is preparing and coordinating the Environmental Policy and following the SD actions and EIA processes, also the environmental management system is under considering in this autumn*



Summary: what does it mean?

- **Tampere City Council has committed AC, EC-CCC, CoM and the Regional Climate Change Strategy:**
To implement and to detail these commitments we have started ECO2 –Eco Efficient Tampere 2020 Programme:
 - > at least 30 % less CO₂- emissions in 2030 and that means:
 - Much more efficient public transport: city train decisions are needed, emissions of traffic decrease at least 20 %
 - Eco efficient, compact city structure: in city planning, in building new and preparing old
 - Increasing wood and biogas as fuel in energy production
 - Sub-district heating solutions in smaller plants, heat from the ground, lakes etc



Thank You!

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