

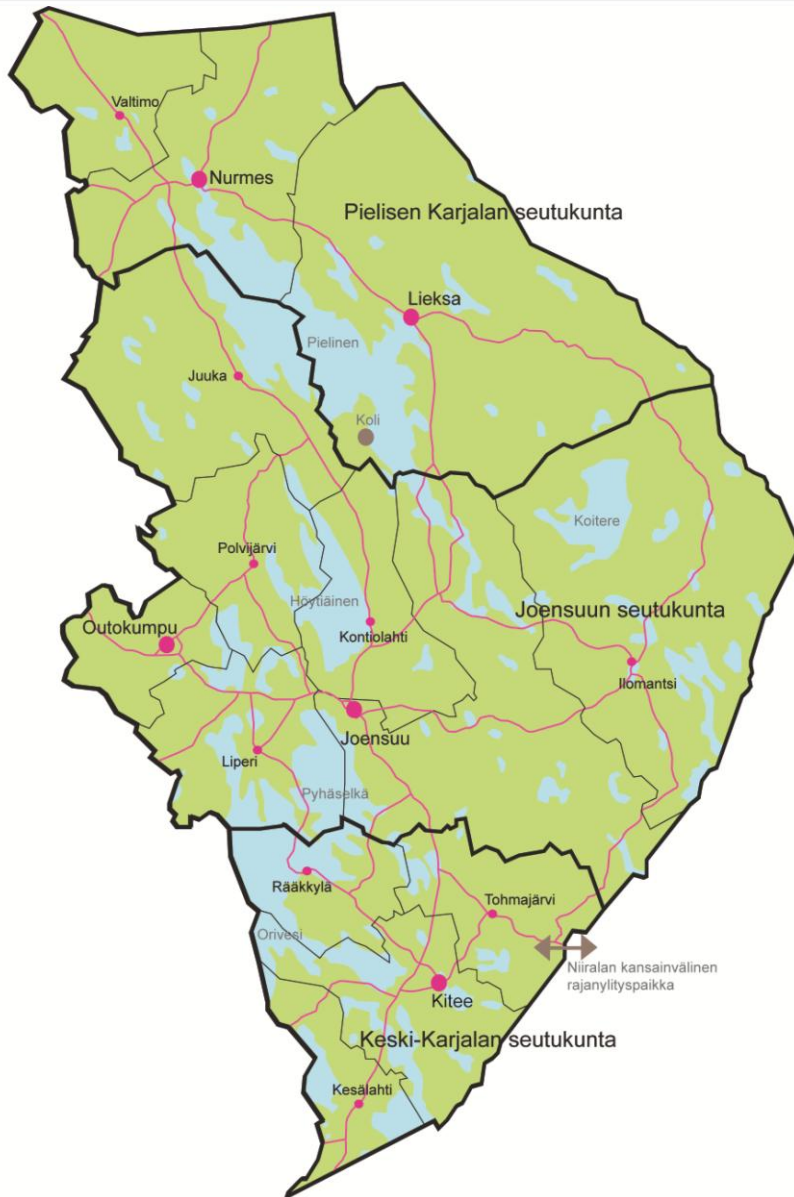
Northern Forests Leading the Way to Sustainability

***Northern ToSIA NPP-project Dissemination Conference
18.-19.8.2011 Rovaniemi, Pohtimolampi***

Northern ToSIA and the Case of North Karelia Climate and Energy Programme 2020



**Pasi Pitkänen
Regional Planner
Regional Council of North Karelia**

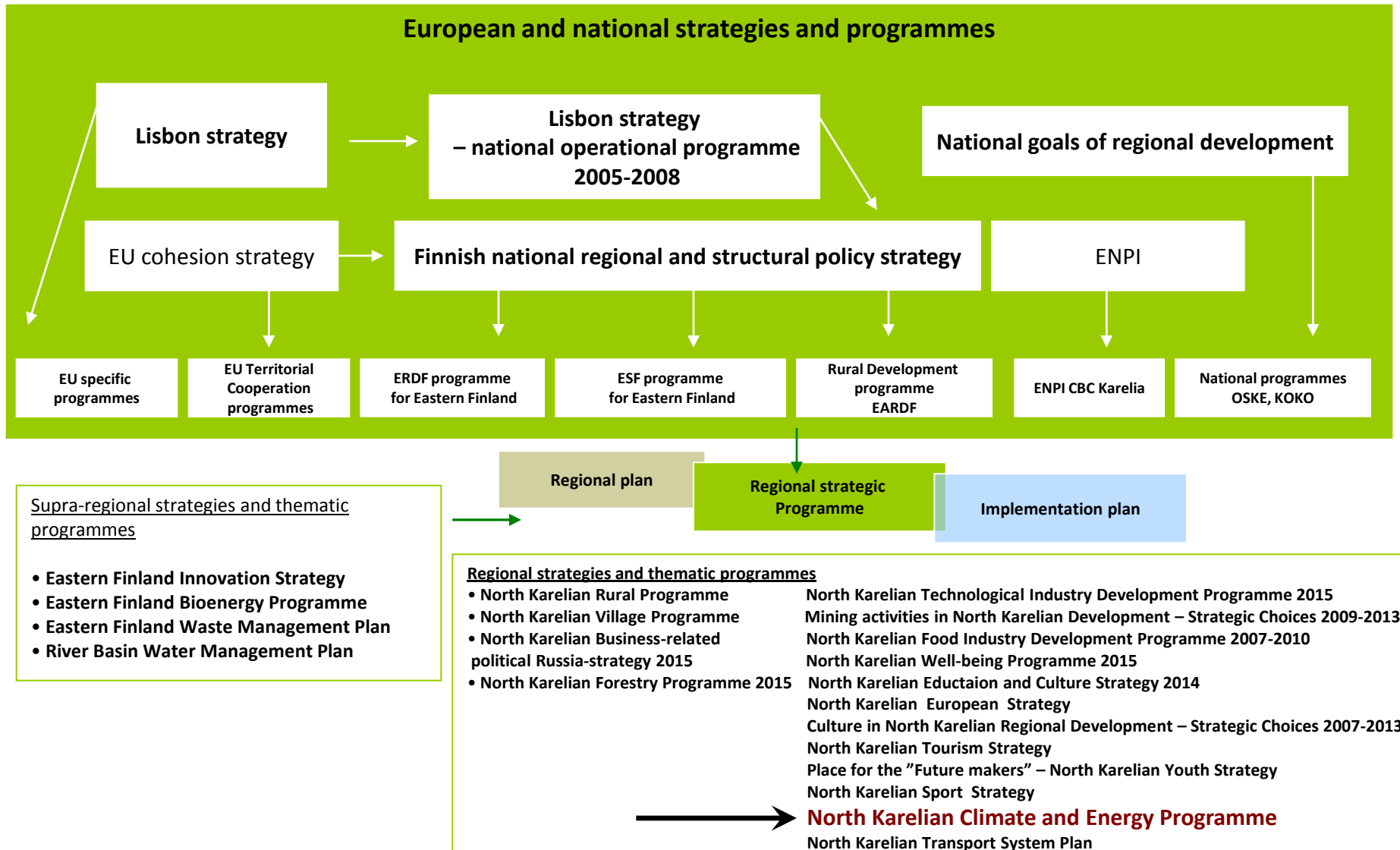


Regional Council of North Karelia:

- owned by 14 municipalities

- Regional development (strategies)
- Regional land use planning
- Regional co-operation and lobbying
- Regional and EU funding
- Municipality services (statistics ...)
- International co-operation

Ensemble of the regional development programme



North Karelia Climate and Energy Programme 2020



- Programme started 2010, will be finished autumn 2011
- Including not only energy but
 - Energy production and use
 - Land use planning and Construction
 - Transportation
 - Forestry
 - Agriculture
 - Waste Management
- Energy includes renewable energy production and use as well as energy effectiveness and savings
- Good present situation, for example **Renewables consist 63 %** of the total energy use in the region (of that wood energy about 82 %), objective more than 80 % (2020)

Regional Strategies and Impacts Assessment & Northern ToSIA

North Karelia Regional Strategy 2030:

Energy sector objective “Fossil Oil
Free Region 2030”

North Karelia Regional Programme 2014:

“The Renewable Energy Model
Region”

North Karelia Climate and Energy Programme 2020:

“Fossil Oil Free Region 2020 in
heating and power generation”

7 expert groups
Forest and Energy group

SOVA group
= IMPACT ASSESSMENT



Climate and Energy Programme & Impacts Assessment & Northern ToSIA

Fossil Heating Oil Free region 2020!

- Is it possible ?
- What does it mean in practical level ?
 - Do we have enough resources ?
 - How it has been done today ?
 - Is the investments profitable ?
 - What are the results ?

Northern ToSIA has been giving answers from the important viewpoints (employment, value-added remaining, CO2-emissions) to the regional discussion and decision making process



Example of the whole energy use target 2020

North Karelia Energy Use TARGET 2020 (Renewables 82 %)

