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CPMR Climate Task Force
Regional potential and Challenges
Energy use in Southwest Finland

- Energy consumption
  - Total use of energy in traffic, electricity, and heating
  - “hot spots” of usage (electricity, district heating)
- Where is a need for grid connections, terminal sites for biomasses
- Integrate needs in land use, economical, natural values, housing...
Energy potential in Southwest Finland

• Which are the possibilities in the region and are those sustainable?
• Forest, agricultural and urban sidestreams
• Most suitable sites for wind power
Challenges

• In energy production, trend is from centralized solutions to decentralized
  • Need for several new plants,
  • Need to use different “raw materials / fuels”
  • Need to invest in medium scale 3-15 M€ → lack of funding
• Public investments have a great possibility to be the platform for new cleantech solutions
  → More focus on the life cycle costs and on the impacts in regional economy