



Thematic groups

17.11.2022
Plenary session



Thematic group: Tourism and Culture

Project ideas/representative

- Developing cultural services in Northern Karelia, for example with regard to inclusive [services/pirkko.ahola@joensuu.fi](mailto:services@pirkko.ahola@joensuu.fi), marjo.vattulainen@joensuu.fi
- Developing sustainable travel and the availability of skilled labour within the travel business anu.harju-myllyaho@lapinamk.fi, sini.kestila@lapinamk.fi
- Digitalization of cultural heritage, especially the Sámi culture samuli.valkama@lapinamk.fi

Notes



Thematic group: Circular Economy

Project ideas/representative

- Nordic Waste Management Vision/ Anna Belenikhina
 - waste management in northern Norway, Sweden and Finland. How we can avoid long transportation, new business models
 - What is the estimate capacity and investments needed
- Sustainability-circularity concepts - from theory to practices/Anna Stammler-Gossmann
 - multidisciplinary projects about circularity and its meaning in different context
- Reuse of spacecraft materials/ Creaternity Space [Lab /Bernd.weiss@ltu.se](mailto:Bernd.weiss@ltu.se)
 - how can we reuse the materials in spacecraft
 - seeking for connections/network

Notes

- Fish waste: perhaps not much in amount, but very underutilized / Satu Ervasti LUKE
- Recycling of textiles: very current, Kemi's facility will bring one solution



Thematic group: Research and Innovation, Competitiveness of SME's

Project ideas/representative

- Arctic Time Trekking – Science&Art education. Indigenous & modern people in spacetime/Timo Lappalainen, Mirja Hiltunen, Juhani Harjunharja
- Immigrants to Lapland: sector specific language courses for foreign workers in Finland/ Denise Souza
- Growth and export programme for sustainable micro and small companies/Anna-Mari Simunaniemi, Oulu University

Notes



Thematic group: Research and Innovation, Competitiveness of SME's

Project ideas/representative

- Borderless Sustainable Public Tendering/ Tuomas Valtanen, Mika Uitto, Lapland UAS
- Remote Innovation/Daniela Mårtensson
- Circular Solutions Towards Planetary Sustainability/Margot Clauss

Notes



Thematic group: Safety and Security

Project ideas/representative

- Nordic Safety Network/Lapland UAS, Eija Raasakka
- Cyber security and tourism/Jyväskylä UAS (+Lapland UAS), Elina Tolonen

Notes



Thematic group: Energy Efficiency

Notes

- **The goal is to find the best practices in energy efficiency:**
- **Hydrogen:**
 - hydrogen technology and use interested all participants
 - how hydrogen is produced with renewable energy (wind energy, solar energy,
 - hydropower)
 - how hydrogen is stored
 - cooperation
- **Renewable energy:**
 - very important (heta pumps, solarpanel etc.)
- **Geothermal energy:**
 - how we can reserve geoenergy?

Notes

- **Private people:**
 - energy saving
 - energy efficiency
 - training and guidance
 - sharing good practices
- **Wood burning**
 - - how will the EU react in the future (emission etc.)
- **Smart city**
 - smart house solutions
 - what kind of sensors etc.
- **What else:**
 - Increasing cooperation between municipalities and companies



Thematic group: Nature and Biodiversity

Project ideas/representative

- **remote sensing**
- **reindeer husbandry**
- **sidestream and new fertilizers**
- **forestry management**

Notes

- Pasi Rautio/Natural Resources Institute Finland
- Elina Huculak/University of Vaasa
- Petri Muje/Lapland University of Applied Science



Thematic group: Climate Change Adaptation

Project ideas/representative

- The safety and maintenance of national parks with the changing climate, when for instance wood can't be delivered over frozen lakes etc.
- Public tendering in transportation for sustainability; logistics ecosystem/Mika Uitto, Lapland UAS
- Climate service for winter travel field, application to other sectors is also possible/Ilona Mettiäinen, Arctic Centre
- Project idea on forest damage/Tobias Grammar, Swedish Forest Agency
- Virtual Forest/Markus Korhonen & Mika Uitto, Lapland UAS

Notes



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