Green Net Finland

Our projects contributing into

UN’s SDGs 7th, 11th, 12th and 13th goals

Evilina Lutfi

XVIII All-Russia Forum Strategic planning in the regions and cities of Russia on 29.10.2019
About Green Net Finland

• We are a Finnish cleantech cluster that brings together the expertise and resources of **Finnish cleantech companies, scientific and educational institutions and public authorities**.

• We are developing **smart and low-carbon urban environment**

• Committed to **preparing and implementing high-quality cleantech development projects** and offering expert services related to project development and management, European funding instruments, networking and match-making.

• We are a membership-based network and a non-profit organisation registered as an association in Finland.
Our focus at this moment (10/2019):

- Development projects, business development, innovations
- Smart living, construction and urban structure
- Smart transportation and logistics
- Smart circular economy
- Energy and material efficiency, low-carbon solutions
- Digitalization

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Strategic planning in the regions and cities of Russia
29.10.2019
What, where and with whom Green Net Finland contributes at this moment (10/2019)?

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<th>Substance topics</th>
<th>International and Finnish development projects</th>
<th>Networks and stakeholders</th>
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<td>• Efficient waste heat recovery from the buildings</td>
<td>• Baltic Sea Region (Co2mmunity and BSR electric INTERREG BSR projects)</td>
<td>• Member network (Finnish enterprises, local/regional public authorities, research)</td>
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<td>• Heat seasonal storage</td>
<td>• St. Petersburg macro region (Cata3Pult INTERREG ENI project)</td>
<td>• Extended networks within BSR and EU</td>
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<td>• Community Energy – hybrid renewable energy systems for communal housing companies of block of flats buildings</td>
<td>• Northeast China and Malaysia (ASIA-CLEAN INTERREG Central Baltic project)</td>
<td>• Groups on new business value chains and holistic solutions around substance topics</td>
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<td>• Demand side management of heat and electricity in the buildings</td>
<td>• Finnish ERDF projects: HUKATON, HYPPY, SHOPS2HUBS</td>
<td>• Groups on development of sustainable business models</td>
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<td>• Urban e-mobility</td>
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<td>• Circular Economy aspects in building demolition</td>
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<td>• Development of Recycling Centers into Circular Economy Hubs</td>
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<td>• New development topics based on members’ needs</td>
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Members of Green Net Finland by substantial focus:
Recent extended networks

Memberships in relevant networks:

- International consortium “St. Petersburg cleantech cluster for urban environment”, Co-founder and Member of the Board of Directors
- Climate Partnership of Helsinki region
- BALTIC CLEANTECH ALLIANCE, Co-founder

Other cross-cutting collaborations with:
- Smart & Clean Foundation of Helsinki Region
- Finnish Water Forum, Finnish Green Building Council, regional development companies such as WIRMA Lappeenranta Oy

GNF newsletters is sent to about 200 relevant stakeholders
How we contribute at this moment?

Our development projects impact on goals 7, 11, 12 and 13:

New Finnish ERDF projects:

**HYPPY - Reutilization of parts and materials of buildings**

and

**SHOPS2HUBS - Reuse Centre 2.0**
HUKATON - New business and collaboration models for efficient waste heat recovery and heat storage in the built environment

- **DURATION**: 2018-2020
- **CONSORTIUM**: GNF, Aalto university, Turku University of Applied Sciences and GTK Geological Survey Finland
- **FUNDING**: ERDF, City of Helsinki and Helen (GNF co-financing)
- **PROJECT OBJECTIVE**: Creation of new holistic concepts that are efficient and economically viable and based on new and smart value chains between various solution providers.
- **GNFs’ ROLE**: Coordination, involving of solution providers and business models development.
Co2mmunity - Co-producing and co-financing renewable community energy projects

http://co2mmunity.eu/

• **DURATION**: 2017-2020

• **CONSORTIUM**: Kiel University (Lead Partner), GNF, Aalto university, Thermopolis and Regional Council of South Ostrobothnia, Green City Energy, Heinrich-Böll Foundation Schleswig-Holstein e.V., Middelfart Municipality, Tartu Regional Energy Agency (TREA), Kaunas Regional Energy Agency (KREA), Poland Foundation for Sustainable Energy (FNEZ), Energy Agency (EA) for Southeast Sweden

• **FUNDING**: EU INTERREG Baltic Sea Region, Finnish National Public Funding, City of Helsinki (co-financing GNF)

• **PROJECT OBJECTIVE**: Catalyzing community energy projects through local renewable energy cooperative partnerships (RENCOP). Co2mmunity will initiate and manage a RENCOP. A transnational exchange of RENCOPs will result in a transferable RENCOP model, enabling a transnational catch-up process between frontrunners and followers and enhancing the capacity of local, regional and BSR-wide actors to foster CE.

• **GNFs’ ROLE**: Management of Uusimaa RENCOP, Leader of activities on Stakeholders Involvement into RENCOPs, writing input into country-specific HANDBOOK for Community Energy projects.
Cata3Pult – Finnish-Russian Public Private Partnership catalyzing new green business

- **DURATION**: 2019-2022
- **CONSORTIUM**: City of Lappeenranta (Lead Partner), GNF, Metropolia UAS, St.Petersburg House Property Owners Association, KOSMOS LLC
- **FUNDING**: European Union, the Russian Federation, Republic of Finland and City of Helsinki (co-financing GNF)
- **PROJECT OBJECTIVE**: To attract businesses to invest, locate and operate in the Programme area. The Project will contribute to economic and environmental development, enhance regional business competitiveness through cross-border Public-Private cooperation and catalyze green solutions development in the Programme area.
- **GNFs’ ROLE**: Coordinating activities of Circular Economy expert group, compiling St.Petersburg Cleantech Market Watch Reports, work on glossary for wider Fi-Ru-Eng clean-/green-tech communications.
Access & Success in Northeastern Asia cleantech markets

- **DURATION**: 2019-2021
- **CONSORTIUM**: GNF, Tehnopol Tallinn, Turku Science Park.
- **FUNDING**: EU INTERREG Central Baltic, Finnish National Public Funding
- **PROJECT OBJECTIVE**: ASIA-CLEAN boosts new exports of cleantech and environmental technology products and services from Finland and Estonia to Asia, particularly to China and Malaysia.
- **GNFs’ ROLE**: Lead Partner and responsible for creating pool of companies
BSR Electric - Fostering e-mobility solutions in urban areas

• **DURATION:** 2017-2020

• **CONSORTIUM:** GNF, Helsinki Region Environmental Services Authority HSY, Turku UAS and international partners from Germany, Poland, Sweden, Estonia, Denmark, Norway and Latvia

• **FUNDING:** EU INTERREG Baltic Sea Region, Finnish National Public Funding

• **PROJECT OBJECTIVE:** Enhancing the utilization of e-mobility in urban transport systems of various types of urban e-mobility such as city logistics, e-bikes, e-buses, e-scooters and e-ferries.

• **GNFs’ ROLE:** Coordination of state-of-the-art analysis work package and supporting the creation of Uusimaa pilot about e-bikes.
New Finnish ERDF projects (coordinated by GNF) starting this Autumn 2019

- HYPPY - Reutilization of parts and materials of buildings

- SHOPS2HUBS - Reuse Centre 2.0
Green Net Finland: Development manager (EU, Nordic and Finnish projects) and Business Development Director, Russia

Cata3Pult: Project coordinator, substance, market and communication expert

HUKATON - Project manager

Co2mmunity: GoA 3.1 Involving of Stakeholders into RENCOPs leader and Uusimaa RENCOP coordinator

ASIA-CLEAN: Project expert

International consortium “Saint-Petersburg cleantech cluster for urban environment”: Chairman of the board of directors (until April 2020)

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