



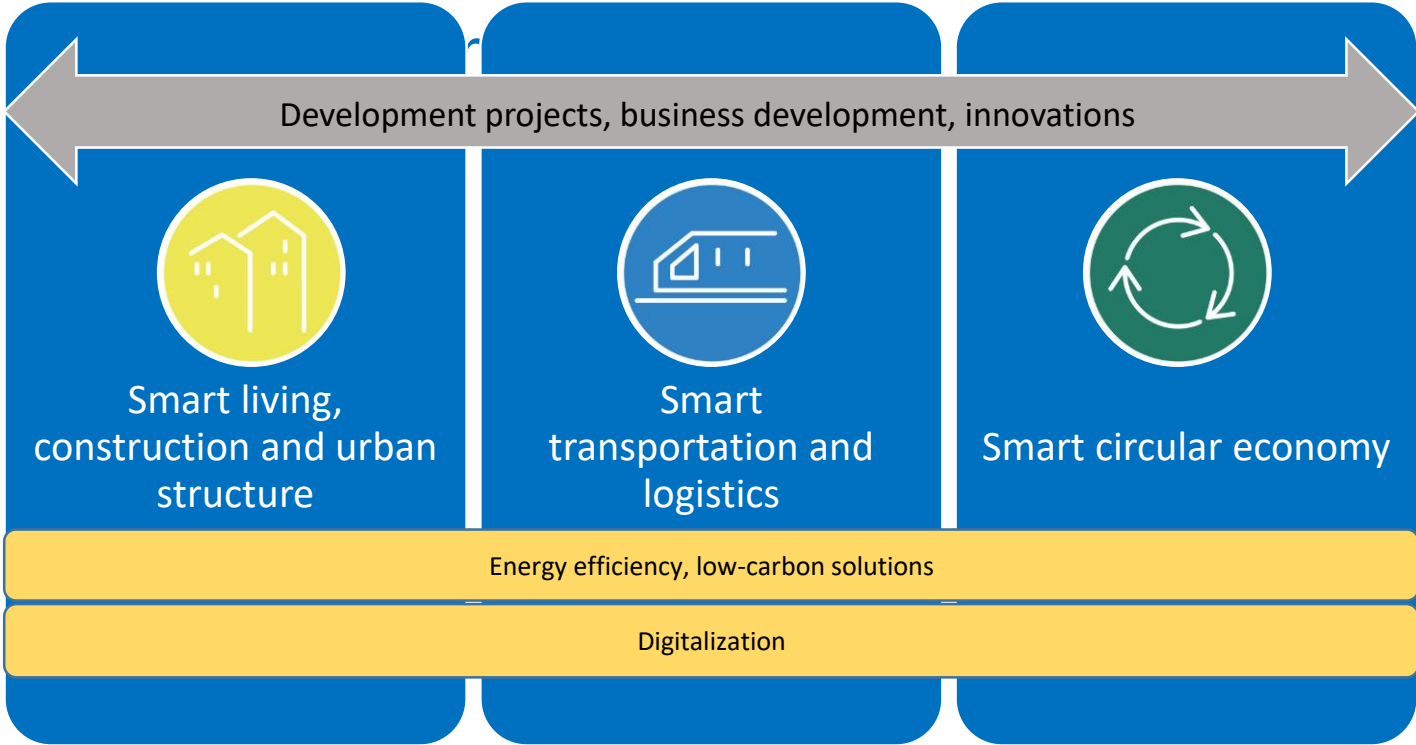
Green Net Finland

Contributing into UN's SDGs 11th and 12th goals

Evilina Lutfi

XVII All-Russia Forum Strategic planning in the regions and cities of Russia on 22.10.2018

Our focus



What, where and with whom Green Net Finland contributes at this moment?

Substance topics

- ✓ Efficient waste heat recovery from the buildings
- ✓ Heat seasonal storage
- ✓ Demand side management of heat and electricity in the buildings
- ✓ Urban e-mobility
- ✓ Community energy - Solar pv plants for condominiums (housing companies of apartment buildings)
- ✓ Circular Economy aspects in building demolition and controlling land masses in construction
- ✓ New development topics based on members' needs

International markets and collaboration

- ✓ Baltic Sea Region
- ✓ St.Petersburg and NW Russia
- ✓ EU
- ✓ Northeast China (TBC)
- ✓ South Korea (TBC)

Networks and stakeholders

- ✓ Member network (Finnish enterprises, local/regional public authorities, research)
- ✓ Extended networks within BSR and EU
- ✓ Groups on new business value chains and holistic solutions around substance topics
- ✓ Groups on development of sustainable business models

Members of Green Net Finland by substantial focus:



Members of Green Net Finland by substantial focus: Buildings

Members of Green Net Finland by substantial focus: Transport

Members of Green Net Finland by substantial focus: Circular Economy

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



ILMASTOKUMPPANIT

Climate Partnership of Helsinki region



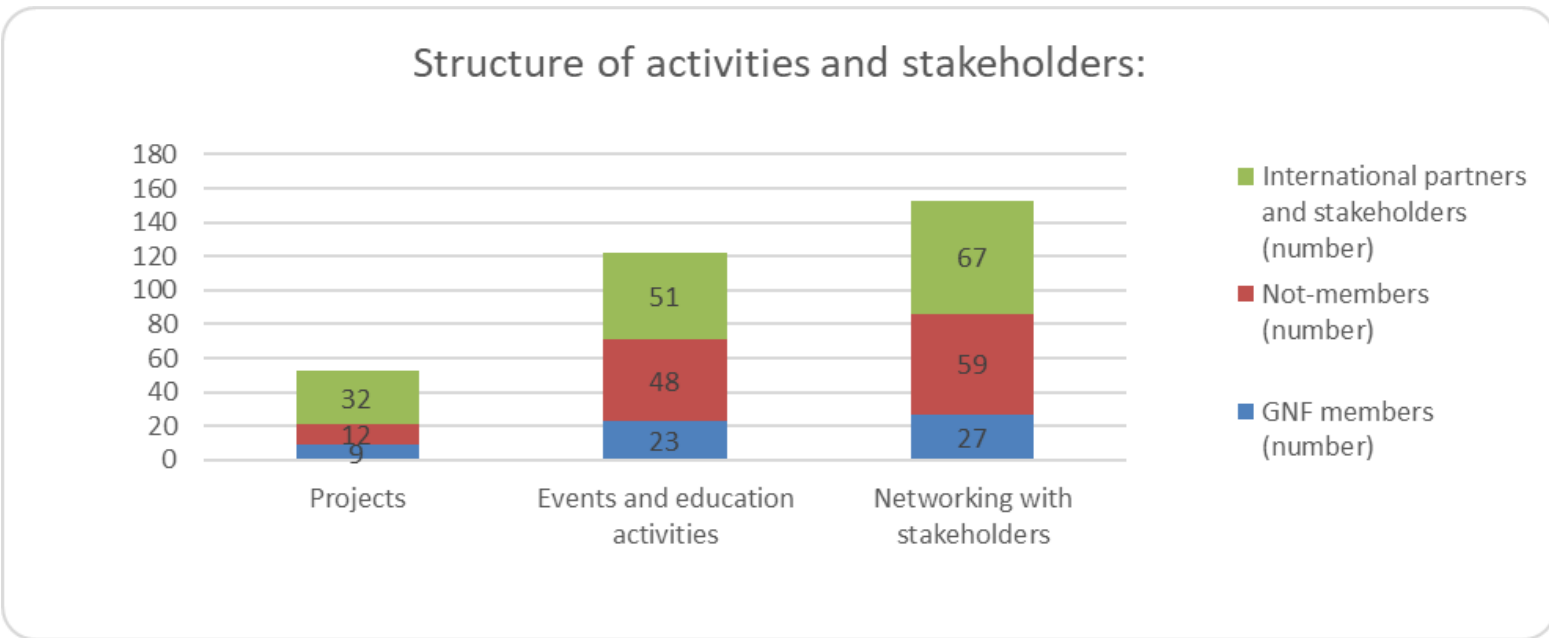
BALTIC CLEANTECH ALLIANCE, Co-founder

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

Number of stakeholders in different activities

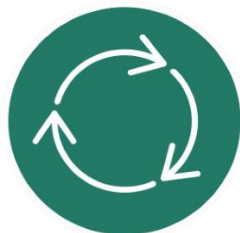


2017 statistics

Examples of our latest projects (2016-2018):



ECOLOGICAL TERRACE -competition



RANTA

Rakentamisen kiertotalous kunnissa



HUKATON HUKATON - New business and collaboration models for efficient waste heat recovery and heat storage in the built environment

- **DURATION:** 2018-2020
- **CONSORTIUM:** Green Net Finland, Aalto university, Turku University of Applied Sciences and GTK Geological Survey Finland
- **FUNDING:** ERDF
- **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, state-of-the art analysis, involving of solution providers and business models development.

Co2mmunity - Co-producing and co-financing renewable community energy projects

- **DURATION:** 2017-2020
- **CONSORTIUM:** GNF, Aalto university, Thermopolis and Regional Council of South Ostrabotnia, international partners from Germany, Denmark, Estonia, Sweden, Latvia, Lithuania and Poland
- **FUNDING:** EU INTERREG Baltic Sea Region
- **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 about solar energy. Coordination of all project RENCOPs.



BSR Electric - Fostering e-mobility solutions in urban areas

- **DURATION:** 2017-2020
- **CONSORTIUM:** Green Net Finland, 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
- **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.

RANTA - Circular Economy Aspects of Construction in Municipalities

- **DURATION:** 2016-2018
- **CONSORTIUM:** Green Net Finland, Finnish Environmental school Sykli, Metropolia UAS, Häme UAS
- **FUNDING:** ERDF
- **PROJECT OBJECTIVE:** Developing new methodologies and increasing know-how in municipalities' operations supporting circular economy aspects in building demolition and controlling land masses in construction.
- **GNFs' ROLE:** Project coordination, new business models

CB2East – Central Baltic Cleantech Clusters expanding the East of the EU markets

- **DURATION:** 2015-2018
- **CONSORTIUM:** Green Net Finland, Finnish Water Forum and Cleantech Latvia
- **FUNDING:** EU INTERREG Central Baltic
- **PROJECT OBJECTIVE:** Creating commercially oriented and mutually economically beneficial cooperation in the clean technology sector between clean technology clusters in Finland, Latvia, North West Russia and Central Asia.
- **GNFs' ROLE:** Identification of business leads in St. Petersburg region, providing market information, creating long-term collaboration with St.Petersburg key stakeholders, events and expert presentations

ECOLOGICAL TERRACE -competition

- **DURATION:** 2017
- **CONSORTIUM:** Green Net Finland, City of Helsinki
- **FUNDING:** City of Helsinki
- **PROJECT OBJECTIVE:** Arranging a competition to find a new concept that can prolong the restaurant terrace season in Nordic conditions, without compromising on ecology. The competition yielded diverse solutions for carrying out an ecological, innovative, duplicable restaurant terrace, which promotes a high-quality cityscape.
- **GNFs' ROLE:** Organising the competition as a service to City of Helsinki



TARVE - Methods and Tools Supporting Innovative Public Procurement in Energy Efficiency

- **DURATION:** 2015-2017
- **CONSORTIUM:** Green Net Finland, Finnish Environmental school Sykli, Posintra
- **FUNDING:** ERDF
- **PROJECT OBJECTIVE:** Supporting the implementation of innovative public procurement in energy efficiency in the municipalities by developing a calculation tool streamlining the calculation for life cycle costs and environmental assessment of different energy efficient solutions. Also the knowledge about energy efficiency is increased within the decision makers in the municipalities via education and sharing the best practices.
- **GNFs' ROLE:** Project coordination, market dialogue



Kiitos!

Evilina Lutfi

In Green Net Finland: Development manager (EU, Nordic and Finnish projects) and Business Development Director, Russia

Member of the board of directors of international consortium "Saint-Petersburg cleantech cluster for urban environment"

Representative of BALTIC CLEANTECH ALLIANCE

+358 50 436 2661 evilina.lutfi@gnf.fi Skype: evilina.lutfi