Baltic Cleantech Alliance (CB2East project) and St.Petersburg cleantech cluster for urban environment (SPbCC) – platforms for public-private partnerships and transnational cleantech collaboration

Evilina Lutfi, business development director, Russia, Green Net Finland ry

Nikolai Pitirimov, NP "St.Petersburg Homeowners association" - managing company of SPbCC

FTR Forum, Lappeenranta

"China-Russia-Europe" panel discussion, 17.5.2017

Green Net Finland – Finnish Cleantech Cluster in Uusimaa region.

- GNF is a non-profit organisation registered as an association in Finland. Office in Vantaa (Helsinki region).

- **Founded in 2001**

- Triple-helix model. Members = Finnish cleantech companies + scientific and educational institutions + public authorities**.**

- **Number of members** = **40 - 60** (depending on ongoing activities)

- **Practical approach** = **generating and implementing high-quality development projects.** Project portfolio >50 M€, >15 years, success rate =60 % (project applications that get approved for financing)

- Two types of **projects: 1. Finnish national and 2. International**

- The main objectives of our **projects - sustainable urban environment = good for the people, the environment and the business -** economically profitable solutions.

GNF's Project portfolio - Examples of GNF's development projects

International consortium
"St.Petersburg Cleantech Cluster for Urban Environment"
(SPbCC)

- NP "St.Petersburg Homeowners association" – the founding and managing company of the cluster
- **Founded 2.10.2014 by** *6 organisations from St.Petersburg and 3 from Finland.*
- **Now 44 organisations as members**
- SPbCC – open platform for new members to join
- All members have a right to be selected into the management role of the cluster (incl. Board of directors and working groups)
- Practical approach= "cluster projects"
- GNF – official representative office of SPbCC in Finland and member of the board

Cluster projects of SPbCC

- *"Energy efficient quarter" - umbrella project for housing sector (multifamily buildings) of St.Petersburg.*

- *Business model "ESCO for urban environment " – Norwegian concept Green Energy One (GEO) for Russia.*

- *"Warm City" . Roadmap of Danfoss on delivering of energy saving equipment from production facilities in Russia.*

- *"Efficient light" . More than 4000 of multifamily buildings (common areas) in St.Petersburg equiped with smart lighting systems .*

- *"Reserve heat from solid wastes" . Leader – start-up from St.Petersburg's Technopark "Ingria".*

- *Educational project: Bachelor programme in St.Petersburg Polytech "Management of energy service in housing sector".*

- *"Step to the practical implementation of principles of sustainable development in St.Petersburg".*

BALTIC CLEANTECH ALLIANCE (BCA)

- Founded in the framework of CB2East project (INTERREG, Central Baltic Programme)

- BCA - commercially targeted open innovation platform aimed at strengthening the Central Baltic Region's economic competitiveness on the markets of St.Petersburg region and Central Asia.

- The focus areas are in sustainable eco-efficiency and water expertise solution needs in the project target markets (St. Petersburg region and Central Asia).

Members of Baltic Cleantech Alliance:

Founders *(Date of foundation 22 March 2016 in Baltic Sea Day in St.Petersburg):*

* **Finnish Water Forum** www.finnishwaterforum.fi

* **Green Net Finland** www.gnf.fi

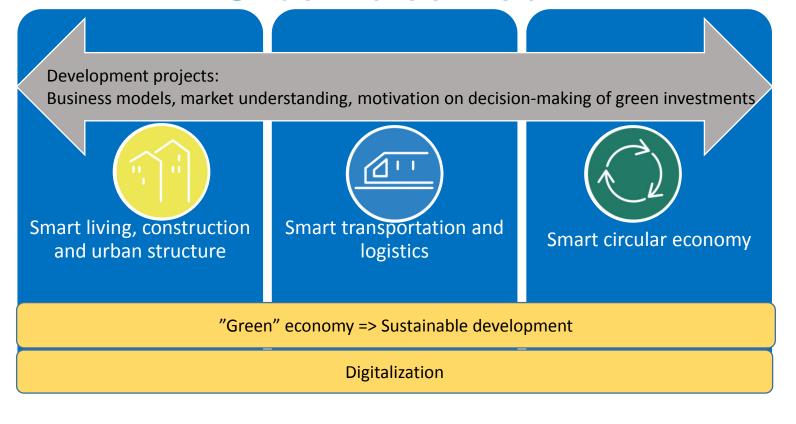* **CLEANTECH LATVIA** www.cleantechlatvia.com

Joined member:

* **St.Petersburg Cleantech Cluster for urban environment (***24 October 2016 in "Green Day" of All-Russia Forum "Strategic Planning in the Regions and Cities of Russia"*)

GNF's focus

Urban cleantech

Development projects:
Business models, market understanding, motivation on decision-making of green investments

Smart living, construction and urban structure

Smart transportation and logistics

Smart circular economy

"Green" economy => Sustainable development

Digitalization

gnf
Green Net Finland

Thank you for your attention! Спасибо за внимание! Kiitos!

We are open to collaboration!

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