



CBC 2014-2020
SOUTH-EAST FINLAND - RUSSIA

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Green ReMark

Green energy regional markets development

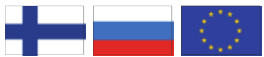
KS1024

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FORUM STRATEGOV 2018
STAKEHOLDERS OF THE FUTURE





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Basic information

Name of the project: Green energy regional markets development

Acronym: Green ReMark

Project ID: KS1024

Partners

 POLYTECH Peter the Great St.Petersburg Polytechnic University	Peter the Great Saint-Petersburg Polytechnic University <i>Lead Partner</i>	Russia, City of Saint-Petersburg
 XAMK Kaakkois-Suomen ammattikorkeakoulu	South-Eastern Finland University of Applied Sciences (Xamk) <i>Partner 1</i>	Finland, South Savo
 MIKSEI MIKKELI	Mikkeli Development Miksei Ltd <i>Partner 2</i>	Russia, City of Saint-Petersburg
 НЕВСКАЯ ЭНЕРГЕТИКА	Neva Energy Ltd. <i>Partner 3</i>	Finland, South Savo



Objectives

Overall objective (impact)

- ▶ To attract businesses to invest, locate and operate in the programme area.
- ▶ To improve the business environment in order to provide more attractive conditions for new business with specific focus to the green economy needs in St Petersburg and Finland.

Specific objectives (outcomes)

1. Enlarging the cross-border cooperation between regional authorities, experts and other relevant stockholders in development of future green energy markets
2. Rising the openness of the regional power grid for new consumers and producers of the green electricity.
3. Support of SMEs from cooperating regions, which are looking to enter the market of innovative solutions and technologies in the field of green electricity and bioenergy.



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Outputs

1) The recommendations for regional authorities approved by the experts' community regarding:

- ▶ improvement the regulatory framework for connecting new customers to electric grids;
- ▶ development the motivation system for producers of "green" electricity and EV market;
- ▶ development the regional strategies and clusters in the content of emerging and future markets.

2) International experts community focused on the long term cooperation at emerging and future markets of "green" energy production, use and saving.

3) Web portal provided open access to the project' materials including the database on "green" energy solutions proposed by regional SMEs.

4) Innovative SMEs coached and consulted in the green energy business development. Innovation projects realized by these SMEs.

5) Preliminary route plan of locations for EV charging stations/points in St.Petersburg, Kotka and along the main cross- border roads.



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Activities (working packages)

► **WP1. Cooperation with relevant stakeholders**

Development of innovation cooperation strategies for local electricity companies by combining the expertise of public authorities responsible for urban/regional development and strategic energy planning, electricity utilities responsible for electricity infrastructure provision, maintenance and operation as well as electricity supply and consumers

► **WP2. Development of Smart Grid principles for rising the openness of electric energy systems**

The use of best practice in creation of the model of regional electric energy system maximally oriented on needs of new consumers and suppliers on the base Smart Grid approach including technical, economical and management issues. The work will be done in close collaboration with distribution company in order to ensure reliable data and research environment.

► **WP3 Promotion of emerging regional markets of innovations in the "green" electricity sphere**

The market surveys to increase the understanding of electricity companies (FIN-RUS) business areas and development prospects as well as fostering cooperation between Russian and Finnish SMEs, research and education organizations which could form added value for all stages of the innovative products' life-cycle in "green" energy sphere. It will create the base for development of international innovation cluster focused on emerging "green" energy markets. SMEs looking to entering the market with innovative products and services in "green" energy well get necessary support.

► **WP4. Project management and dissemination of results**

Thanks for attention!

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