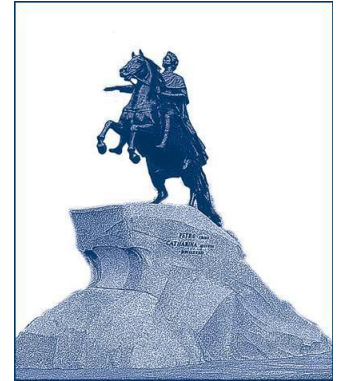


# *St. Petersburg House Property Owners Association (SPbHPOA)*



## Presentation on SmartUp Accelerator kick off 14 November 2017



## Non-profit partnership St. Petersburg House Property Owners Association (SPbHPOA)

<https://spbgorod.nethouse.ru/>

**Established: 27.12.1999. Co-founders: 5 non-profit associations, 2 building societies, Saint-Petersburg Support Fund for Industry and Saint-Petersburg City Property Committee**

Permanent staff: 3 persons. Invited staff for projects: up to 20.

Participation in international projects: Green Energy One Concept in Saint-Petersburg (2013), ASCEE (2012-2013), CBC ENI SE693 EFEM (2013-2014), EcoPark (2014)

**02.10.2014: Managing company of Saint-Petersburg Cleantech Cluster for urban environment**  
<https://spbcleantechcluster.nethouse.ru/> (51 members)



## SmartUp Accelerator

A **system** is a regularly interacting or interdependent **group of items** forming a unified whole. Every system is delineated by its spatial and temporal boundaries, surrounded and influenced by its **environment**, described by its **structure and purpose** and expressed in its functioning.

**Innovation system:**  $S_i = \langle P_i C_i E_i N_i U_i \rangle$ .

- $\{P_i\}$  – set of innovation priorities
- $\{C_i\}$  – set of innovation subjects (main actors)
- $\{E_i\}$  – set of elements of innovation infrastructure
- $\{N_i\}$  – set of regulatory documents and rules that regulate innovation activity
- $\{U_i\}$  – set of financial and other mechanisms for support

**Innovation ecosystem:** main focus on social aspects, motivation and behavior of  $\{C_i\}$

**International Innovation Systems**

**National Innovation Systems**

**Regional Innovation Systems**

**Corporate Innovation Systems**

*Elements of the set {C<sub>i</sub>}*

Transnational corporations realizing innovative projects. National companies working with external markets for innovation. International innovative networks. Innovative communities

National institutes of innovative development. National companies supplying innovative products and services to the domestic market. National innovation networks

Organizations that determine the strategy and tactics of innovative development of the region. Companies of the region using its key resources for innovation. Regional cluster associations

Specialized innovative divisions of the company. Management bodies that determine the innovative strategy and tactics of the company. Innovators

*Elements of the set {U<sub>i</sub>}*

International innovative programs. Educational programs to support mobility for the development of innovation. International Innovation Forums and Exhibitions

National innovative programs that provide subsidies and grants, as well as ordering innovative products. Educational programs for innovation management

Regional programs to support innovative development, grants to legal entities and individuals of the region. Awards for achievements in innovation ...

Internal regulations of the company, which stimulate staff and provide financial resources and support for innovators

*Elements of the set {N<sub>i</sub>}*

International agreements on the formation of joint development tools or the introduction of restrictions for certain activities or products.

National laws and other legal acts regulating taxation, measures of restrictive and stimulating nature in the innovation sphere

Regional laws and other normative acts on regulation of innovation activities, including the regional budget

The company's strategy, expressed in the documents approved by the management

*Elements of the set {E<sub>i</sub>}*

International organizations that provide financial support to legal entities and innovators. Specialized information systems focused on innovation...

Specialized national organizations providing financial, consulting, technical and information support to legal entities and individuals

Regional organizations that support innovation activities in the region, taking into account regional characteristics (resources, priorities, geographic location ...)

Specialized divisions of the company, whose business models are focused on p services to innovative divisions of the company

*Elements of the set {P<sub>i</sub>}*

Formed and accepted by the international community directions of scientific and technical development of society, science and technology

National priority areas for the development of science and technology, critical technologies that determine the country's global competitiveness

Regional priorities of innovative development, taking into account the historically and geographically determined role and place of the region in the division of labor and the world economic system

Programs of innovative development of enterprises, their role in the market of innovations, areas of the greatest competencies of employees of the enterprise and individual innovators

# Russian innovation system

## SmartUp Accelerator

|                                           | Priorities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Juridical base and restrictions                                                                                                                                                                                                                                                                                                                                                       | Main actors                                                                                                                                                                                                                               | Supporting mechanisms                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Federal level                             | <p><b>Priority Directions for Development of Science, Technique and Technologies in the Russian Federation</b></p> <ol style="list-style-type: none"> <li>1. Safety and counteraction to terrorism terrorism</li> <li>2. The industry of nanosystems.</li> <li>3. Information – and communication systems</li> <li>4. Life Sciences.</li> <li>5. Perspective arms, the military and special engineering</li> <li>6. Rational nature management.</li> <li>7. Transport and space systems</li> <li><b>8. Energy efficiency and saving, nuclear energy</b></li> </ol> | <p><b>Priority Directions for Development of Science, Technique and Technologies in the Russian Federation</b></p> <p><b>Crucial Technologies of the Russian Federation</b></p> <p>Order N 899 of 7 July 2011 of the President of the Russian Federation</p>                                                                                                                          | <p>Fund for Promotion of innovation<br/>(<a href="http://www.fasie.ru">www.fasie.ru</a>)</p> <p>Ministry of Science and Education</p>                                                                                                     | <p>Subsidies for SMEs and innovators</p> <p>Tax credits (federal taxes)</p> <p><b>33 Federal goal-oriented programs</b> in 2017 (mln.rbl)</p> <p>Development of high technologies 196440,6410</p> <p>Housing 53431,0024</p> <p>Transport infrastructure 49919,3257</p> <p>Development of villages 26875,0935</p> <p>Social infrastructure 58256,9888</p> <p>Safety 34576,6110</p> <p>Development of regions 171720,7624</p> <p>Development of state institutes 16598,3121</p> |
| Regional level<br><b>Saint-Petersburg</b> | Energy efficiency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <p><i>Strategy of Economic and Social Development of St. Petersburg for the period up to 2030</i></p> <p><i>"It is necessary to implement measures to promote expansion of international economic cooperation of small businesses, taking into account the tasks of modernizing the economy and transferring it to an innovative development path, creating opportunities for</i></p> | <p>Regional authorities (Committee on Industrial Policy and Innovations, Committee on Science and Education)</p> <p>Infrastructural organizations (Ingria, Union of Business Angels Organizations, First City Business incubator ...)</p> | <p><b>Regional subsidies</b> for SMEs and innovators</p> <p><b>Tax credits (regional taxes)</b></p> <p><b>Promotion events</b></p> <p><b>Training and coaching</b></p>                                                                                                                                                                                                                                                                                                        |

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|                                            | Priorities                                 | Juridical base and restrictions                                                                                                                                                                                                         | Main actors<br>(Cluster members - project target groups)                                                                                                                                                                                                                                                                                                                                                                                | Supporting mechanisms                            |
|--------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| <p>Company level</p> <p><b>SPbHPOA</b></p> | <p><b>Energy efficiency in housing</b></p> | <p>Agreement for creation of Saint-Petersburg Cleantech Cluster for urban environment</p> <p>Cluster in not a juridical person</p> <p>SPbHPOA is the managing organization</p> <p>Each Partner concludes Agreement with the Cluster</p> | <p>Innovative SMEs and individual entrepreneurs (Enviro, GyroLidar, Megador NanoPuls, ...)</p> <p>Universities (SPbPU, ITMO), and infrastructural organizations</p> <p>“Association of Centres for SMEs support of Kaliningrad Region”, Non-commercial Partnership “Saint-Petersburg innovative technological cluster for energy saving in housing and communal services and industry”...)</p> <p>Project experts group (4 persons)</p> | <p>Consulting and coaching, promotion events</p> |

# SPbHPOA strenghts in the innovation ecosystem

- Strenghts

- Overall

Network organization with knowledge and sustainable links with main actors of SPb regional innovation system

- Project related

Experience in participation in federal and regional promotion events for SMEs,

- Challenges

- Overall

Management: a lack of own resources (financial, technical, infrastructural...)

- Project related

Language difficulties (both at management and members levels)

# Partners exploitation prospects

- How do you foresee or plan to exploit the project outcomes and results?

Innovators from Cluster's members will receive an additional impulse for their development

New Cluster's member will appear and the Cluster will rise its potential (knowledge) in promotion of green technologies proposed by SMEs for housing.

- How can the project contribute to increase innovation capacity?

- Internal

Cluster's functional completeness with respect to life cycle of innovations will increase

- External

Cluster's international links will increase