Promoting Finnish-Russian Cooperation in the Field of Innovation

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Innovation networks and ecosystems enable new ways of knowledge creation and utilization.

From traditional large enterprise to extended enterprise.

With orchestration capability:
- Demand orchestration
- Architecture orchestration
- Innovation orchestration
- Supply orchestration

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Finland’s innovation strategy - Focal points

- Mobility and attractiveness
- Participation and contribution
- Innovation communities & hubs
- Lead markets
- Individuals and entrepreneurship
- Co-innovation
- Broad-based innovation
- Leadership & change management
- Innovation
- Communities & hubs
- INNOVATIVE INDIVIDUALS AND COMMUNITIES
- LEAD MARKETS
- DEMAND AND USER ORIENTATION
- SYSTEMIC APPROACH
- COMPETENCE BASE
- WORLD WITHOUT BORDERS
R&D&I Programmes – an Overview

SHOK = Strategic Center for Science, Technology & Innovation

OSKE = Centre of Expertise Programme

EU FP7
- JTI, ETP, EIT
- Eureka
- ERANET, art. 169

National R&D Programs
(Tekes & Academy)
(approx 40)

SHOK
(5)

OSKE
(13)
FinNode Innovation Centres

Mission
Finland’s gateway to leading and emerging global S&T&I hubs

Vision
Finland is a recognised Node in the global innovation networks
Key functions of the FinNode network

- Providing understanding for the Finnish stakeholders about new trends in innovation: technologies, business models, emerging demand etc. (Innovation Watch, FinNode-projects)
- Serving as a window to the Finnish innovation system for the potential partners
- Facilitating networking and matchmaking strategic partnerships
- Promoting the Finnish innovation and investment environment
FinNode is a consortium of public financing and service organisations supporting innovation

Founding members’ individual activities

- internationalisation services for companies, support to Invest in Finland
- programmes, foresight
- promotion of researchers mobility and research cooperation, research programmes, Centres of Excellence
- financing and expert services to promote internationalisation of R&D and innovation activities
- contract research services, commercialization of technology
## Focus areas

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<tr>
<th>Country</th>
<th>Focus Areas</th>
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<td>USA</td>
<td>- Digital media, software (mobile, enterprise)</td>
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<td>- Telecom infrastructure</td>
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<td>- Healthcare IT</td>
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<td>- Life sciences</td>
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<td>- Energy and environment (cleantech, sustainable communities)</td>
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<td>- Security</td>
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<td>Russia</td>
<td>- Nanotechnology</td>
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<td>- Construction and infrastructure</td>
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<td>- Ecocities</td>
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<td>- Property management</td>
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<td>- Energy efficiency in buildings</td>
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<td>- Healthcare and wellbeing</td>
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<td>- Private healthcare markets</td>
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<td>- Elderly care</td>
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<td>Japan</td>
<td>- Ubiquitous solutions, telecom infrastructure</td>
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<td>- Software: Mobile life</td>
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<td>- Elderly care</td>
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<td>- Healthcare IT</td>
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<td>- Materials</td>
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<td>- Lifestyles of Health and Sustainability</td>
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<tr>
<td>China</td>
<td>- Information and communication technologies (mobile value added services, living labs, ubiquitous solutions)</td>
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<td>- Healthcare and wellbeing (healthcare IT, biopharmaceuticals)</td>
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<td>- Others (environmental technologies, nanotechnology)</td>
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Competence Clusters and the Centres of Expertise

- Living business
  Joensuu, Hämeenlinna, Lahti, Helsinki

- Digital Content
  Hämeenlinna, Helsinki, Tampere, Kouvola

- Food Development
  Kuopio, Helsinki, Seinäjoki, Turku

- Forest Industry Future
  Joensuu, Jyväskylä, Kajaani, Kokkola, Mikkeli, Lappeenranta, Turku

- HealthBio
  Kuopio, Oulu, Helsinki, Tampere, Turku

- Health and Well-being
  Kuopio, Oulu, Helsinki, Tampere

- Ubiquitous Computing
  Jyväskylä, Oulu, Pori, Helsinki, Tampere

- Nanotechnology
  Joensuu, Jyväskylä, Kokkola, Mikkeli, Oulu, Helsinki, Tampere

- Energy Technology
  Joensuu, Jyväskylä, Vaasa, Pori ja Tampere

- Cleantech
  Kuopio, Lahti, Oulu, Helsinki

- Intelligent Machines
  Hyvinkää, Hämeenlinna, Lappeenranta, Seinäjoki, Tampere

- Tourism and Experience Management
  Helsinki, Rovaniemi, Savonlinna, Turku

- Maritime
  Lappeenranta, Pori, Turku, Vaasa, Raahe

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Finnish-Russian Innovation Cooperation

- Strategic partnerships promoting competitiveness of FI and RU companies
- Innovation working group of the Governments’ Economic Commission: framework conditions + mutual understanding of the innovation systems and policy
- FinNode Russia as a structure providing continuity
- Rosnano – Ministry of Economy cooperation