Foundation for Assistance to Small Innovative Enterprises

www.fasie.ru
MISSION

R&D Organizations

Technology Offers

3F, Business angels

SEED

FASIE

Corporation Funds

START-UPs

Venture Capital

Private Equity

Technology Requests

enterprises
INSTRUMENTS TO ASSIST R&D
EU – RUSSIA PARTNERSHIP

• Joint calls OSEO-Innovation – FASIE
• Joint calls FASIE - BMBF (Germany)
• Russian – French technology transfer network, www.rfr.ru
• Gate2RuBIN
• FASIE – national contact point for SME at FP7 and EUREKA
• 2 Russian – French TTO
Gate2RuBIN project (Russia)

• Gate to Russian Business and Innovation Networks (Gate2RuBIN) is the Russian proposal for EEN

• Submitted by a consortium:
  – Union of Innovation Technology Centers of Russia (RUITC)
  – Russian Technology Transfer Network (RTTN)
  – Russian Agency for SME Support (RA)

• Gate to
  – SMEs (~ 4000)
  – Universities and research centers (~450)
  – Innovation centers (~ 100), via Russian networks
Joint calls twice per year;

SIE partners from Russian side and SME partners from French side

• Grant from FASIE up to 4,0 Mln. Rubles per year and soft loan from OSEO up to 1,0 Mln. Euro per project

• Project up to 3 years

• Enterprises should invest the same amount as Agencies
Development of
RADIATION TOLERANT ZOOM TV SYSTEM
OF THE DOME TYPE
for monitoring technological processes within nuclear facilities

APPLICATIONS:
1. Refueling operations on nuclear power plants (Refueling Machines)
2. Reprocessing of nuclear spent fuel
3. Manufacturing of MOX-fuel
4. Manufacturing of isotopes (Molybdenum)
### DISTRIBUTION OF RESPONSIBILITIES BETWEEN PARTNERS

<table>
<thead>
<tr>
<th>Integrated Industrial Television, Ltd.</th>
<th>ECA S.A.</th>
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</thead>
<tbody>
<tr>
<td>1. Conceptual Design</td>
<td>1. Development of TV camera control protocol</td>
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<tr>
<td>2. Development of radiation tolerant TV camera module, lens and swiveling prism</td>
<td>2. Development of TV system control equipment</td>
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<td>3. Carrying out radiation tests</td>
<td>3. Development of manufacturing technology for TV camera optical dome and camera housing</td>
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<td>4. Assembling and adjusting of the whole system</td>
<td>4. Design and manufacturing of radiation tolerant camera cable</td>
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<td>5. Promotion for potential Customers in Russia and Ukraine</td>
<td>5. Promotion for potential Customers in Europe</td>
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Epitec’s Anticancer Vaccine:

- Peptides with fatty acid “tails” carrying target epitope
- Form highly immunogenic nanoparticles in water solution
- Particle size is around 100 nm as measured in atomic force microscopy

**Anticancer vaccine**
- Induces therapeutic level of antibodies
- Inhibits human cancer cells proliferation
- Induces antibody dependent cytotoxicity of human cancer cells
- Protective in mouse cancer models
Oncovet (France)-Epitec (Russia):

- The main task of the Project is the development of **peptide vaccine** for immune therapy of mammary and prostate cancer
- **EPITEC, Russia**, works for molecular immunology, computer design of peptide vaccine, anticancer vaccine synthesis and immunology and toxicity trials in mice
- **ONCOVET, France**, works for studies in domestic animals with spontaneous tumours to test new vaccine candidate
<table>
<thead>
<tr>
<th>Name of project</th>
<th>French partner</th>
<th>Russian partner</th>
<th>OSEO eligibility comments and decision</th>
<th>FASIE eligibility comments and decision</th>
</tr>
</thead>
<tbody>
<tr>
<td>Development of a radiation tolerant zoom TV system of the dome type for monitoring technological processes within nuclear facilities</td>
<td>ECA</td>
<td>Integrated Industrial Television Ltd</td>
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<tr>
<td>Development and production of telemetry sensors dedicated to current and power measurements in power circuits and wireless data transfer to the monitoring and control panel</td>
<td>WIT</td>
<td>BIWIT</td>
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<tr>
<td>Creation of bipolar membranes with nano-and-microsized particles of catalyst of water dissociation and electromembrane processes for food organic acids as precursors to biodegradable polymers production and for pH correction of solutions in food and chemical industry</td>
<td>EURODIA</td>
<td>LCC &quot;MEMBRANE TECHNOLOGIE&quot;</td>
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<tr>
<td>Discovery of viral RNA helicase inhibitors as potential drug candidates for chronic hepatitis C</td>
<td>NOVOCIB</td>
<td>CONTACT SERVICE LTD (CS)</td>
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</tbody>
</table>
FASIE - BMBF

- One call per year (3rd call is scheduled on May 14)
- SIE from Russian side, any entity from German side are allowed to participate
- 50 keuros per project are from agencies (2 years for BMBF, 1 year for FASIE), Increase of financing is under discussion
| Многоуровневая система обеспечения безопасности цепей постановок | ООО НПЦ «АПОГЕЙ ИНФО» | Калиниченко С.П., +7(499) 257-07-22 Моб: +7 916 695 72 12, apoginfo@apoginfo.ru | Институт управления и автоматизации производства общества Фраунгофера (IFF) | Prof. др. Шенк Михаил, +49 391 4090471, michael.schenk@iff.fraunhofer.de | YES | 18 |
| Многоуровневая система обеспечения безопасности цепей постановок | НИИ АС | проф., чл-корр РАН Желтов С.Ю., +7 (499) 157-94-08 | | | |
| Экономное производство материала с поливалентными свойствами для эластичного демпфирования колебаний | Закрытое акционерное общество «Резина» | Иванников Владислав Александрович, (812)913-72-10, rezina_zao@mail.ru | Фраунгоффер институт автоматизации фабричного производства (IFF), Магдебург | Д-р Рудольф Мейер, +49(0)391-4090 510, rudolf.meyer@iff.fraunhofer.de | NO | 18 |
| Программно-аппаратное обеспечение для оперативной автоматизированной диагностики, экстремальной и военной медицины | НПФ «Традиция » | Панфилов А.В., +7(495)427-11-01, panfilov@tradition.ru | MedCom GmbH | Георгис Сакас, +49 (615) 115 - 5230, georgios.sakas@igd.fraunhofer.de | YES | 28 |
Problems and next steps (?

- Matching of procedures
- FASIE – TEKES
- Consortium under ERANET Program
Elements of today’s Russian innovation policy

• Program of modernization (33 projects)
• Research universities
• Innovation infrastructure of universities
• Universities – Enterprises partnership
  - Law 217
  - Joint projects
• Invitation of leading scientists
• Skolkovo
• Innovation “elevator” (FASIE, RVK, ROSNANO, VEB)
• Young innovators (UMNIK program, START program, Zworykin project, Open Innovation University)
Ways to cooperate

• Skolkovo (five priorities)
  - Legal aspects
  - Ideology development (Partner - Skolkovo Foundation)
  - Joint construction of research centers and innovation infrastructure
  - Joint management
Ways to cooperate

- Innovation infrastructure of universities (five priorities)
  - Ideology development (Partner – MOES), innovation clusters
  - Consultancy (IPR)
  - Training
  - Joint management
Ways to cooperate

- Young innovators (UMNIK program, START program, Zworykin project, Open Innovation University), Partners – FASIE, Rosmolodyosch, EXPERT)
- Joint events
- Exchanges
- New programs and prizes
Financial instruments

- 50/50 financing
- Joint calls
- Bilateral and multilateral
Contacts

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