Alexei Sitnikov
Skolkovo Innovation Center

HTTP://WWW.I-GOROD.COM/
The mission of Skolkovo

Skolkovo is to become an innovation hub that will stimulate innovative entrepreneurship and disseminate entrepreneurial culture across the country to integrate Russia into the global economy:

1. Fostering advancement of human capital in Russia by attracting foreign specialists and creating conditions for local innovative talent development

2. Creating globally competitive products and services based on cutting-edge research

3. Establishing global innovative companies in Russia
Who is Skolkovo for?

It is **not** a tax-free offshore for multinationals

1. **Skolkovo is for Russian and international students, researchers, educators, consultants, startups, venture capitalists, and, yes, multinationals**

2. **All of them will get different statuses that best fit their goals**

3. **However, there will be no workshops, factories or similar production sites physically located in Skolkovo**
The government provides initial funding and signals credible commitment to support the project in the future.

The project is managed by a non-government foundation with an independent Board, regulated by a special law.

The Foundation is a doorkeeper, while all Skolkovo units (such as the Skolkovo Institute of Technology) and residents are independent organizations.

Much of the real estate in Skolkovo will be built by private developers.
People who make important decisions at Skolkovo Center

President Dmitry A. Medvedev chairs the Board of Trustees. Skolkovo Executive Board is chaired by Craig Barrett and Victor Vekselberg.

Members of the Executive Board include:

- Esko Aho, Executive Vice President of Nokia Corporation
- Vagit Alekperov, President of the Lukoil Oil Company
- Anatoly Alexandrov, Rector of the Bauman Moscow State Technical University
- Martin Bouygues, Co-Chairman of the French industrial group Bouygues
- John T. Chambers, Chairman and Chief Executive Officer of the Cisco Systems, Inc.
- Anatoly Chubais, CEO of the Russian Corporation of Nanotechnologies (RUSNANO)
- Alexandr Galitsky, Managing Partner of Almaz Capital Partners
- Mikhail Kovalchuk, President of the Russian Scientific Centre “Kurchatov Institute”
- Peter Löscher, President and Chief Executive Officer of Siemens AG
- Vladimir Rashevsky, Chairman and Chief Executive Officer of the Siberian Coal Energy Company (SUEK)
- Eric E. Schmidt, Former Chairman and Chief Executive Officer of the Google Inc.
- Ratan Tata, Chairman of Tata Son.
CORE PRINCIPLES

- Skolkovo should be attractive for world-class talent, institutions and businesses
- Skolkovo ecosystem should become self-sustaining over time
- Foundation should strive to maximize private participation, stimulate competition and only assume responsibility for the activity if it can not be performed by private businesses
- Physical and network-based (virtual) components of Skolkovo should be developed simultaneously
- Difference functions should always have separate governance
People who make important decisions at Skolkovo Center

Skolkovo Institute of Technology (SIT) will become a major generator of innovation in Skolkovo

Technology clusters (energy, biomedical, IT, space, nuclear) will engage in developing new technologies and products

- **Energy**
  - Energy efficiency and energy saving incl. development of new energy technology

- **IT**
  - IT and software engineering

- **Biomedica**
  - Biotechnology and medical technology incl. development of medical drugs and equipment

- **Space**
  - Space technology in telecommunication systems and navigation systems

- **Nuclear**
  - Nuclear technology (assistance for special companies in this area)
Develop a **graduate degree program** to train future technology experts

Partner with other leading academic institutions to create a **world-class graduate program**

Focus on **applied research** and development of technological expertise

Attract **globally recognized, leading faculty** members to teach and conduct research at Skolkovo

Attract **top-tier graduate students** and help them transition into being **successful entrepreneurs** or industries upon graduation

Support setting up **labs** in Skolkovo as well as network-based labs affiliated through partnerships agreements with other **academic institutions**

**In order to:**

Become a **hub for sharing expertise** with leading research institutions both in and outside Russia

Produce **IP** which can be **commercially developed in Russia**

Enter the **world network** of research universities, reach prominent positions in the international **academic rankings**
• **No VAT** for up to 10 years if profit is less then USD 10M/year and turnover is under USD 30M/year

• **No income tax** if profit is less then USD 10M/year and turnover is under USD 30M/year

• **14%** unified social tax rate for residents

• **Refund of import customs** duties and VAT expenses paid during import to the RF customs territory.

• **OECD tech regulations** apply
**KEY PARTNERS**

**Already signed**

8 agreements with key international partners: Cisco, Boeing, Siemens, Microsoft, Nokia, Intel, Tata, Nokia Siemens Networks

2 agreements with Russian partners: Lukoil, Rosatom

**Initial negotiations**

In process - 10 international partners: ABBYY, Novartis, Honeywell, EADS/Airbus, Alstom, DuPont, Google, Kodak, Schlumberger, Johnson & Johnson

Started negotiations - 3 international partners: IMTECH, DOW Chemicals, John Deer

**Major agreements**

- Establish R&D center and labs
- Joint educational programs
- Research grants for residents
- Support for business-incubators
- Venture capital financing for companies - residents
SKOLKOVO FOUNDATION TRACK RECORD (MARCH 2010 – JANUARY 2011)

- **145 members of the expert board**
- **27 participants**
- **14 partner Universities**
- **10 innovative projects funded**
- **10 partner companies**
- **2 town-planning concepts**

**Important Dates:**
- March 23rd
- June 19th
- June – present
- September 28th
- October 28th
- December 14th
- December 20th
- January 25th
- April – August 24th
- May 21st
- December 20th
- September 28th
- June 19th
- June – present

**Events:**
- Federal Law on Skolkovo Innovation Centre signed
- Commission on the Modernization and Technological Development – Members of the Fund’s regulatory bodies defined
- Commission on the Modernization and Technological Development – First Residency Certificates for 16 companies granted
- Town-planning concept elaboration
- Fund for Development of the Center for Elaboration and Commercialization of New Technologies registered
- Advisory Scientific Board formed

*Excluding 4 projects*
GLOBAL NETWORK OF KNOWLEDGE MANAGEMENT

THE FUND’S EXPERT NETWORK
(EDINBURGH, BERLIN, LONDON, PETAH TIKVA, OKINAWA, SAN DIEGO, BOSTON, PITTSBURG, CALGARY, BARCELONA, DRESDEN, WEST-LAFAYETTE, AMSTERDAM, LOS-ANGELES, WOLFENBUTTEL, CHICAGO, BERKLEY, STUTTGART, BOSTON, LAUSANNE, REGENSBURG, LONDON, OXFORD, COSTA-MESA, KIEV)

RUSSIAN AND INTERNATIONAL SCIENTIFIC AND RESEARCH INSTITUTIONS
/MIT, CAMBRIDGE, STANFORD, MOSCOW, DUBNA, SAINT-PETERSBURG, SAMARA, KAZAN, TOMSK, NOVOSIBIRSK/

SKOLKOVO INNOVATION CENTRE PARTNER COMPANIES:
/CISCO, BOEING, SIEMENS, MICROSOFT, NOKIA, INTEL, LUKOIL, ROSATOM, TATA, NOKIA SIEMENS NETWORKS/
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<th>SWE(1)</th>
<th>ENDOVASCULAR IMPLANTS WITH BIODEGRADATION PROPERTIES</th>
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<td>TECHNOLOGIES FOR TREATMENT OF CANCER, INFECTIOUS DISEASES AND SEPSIS</td>
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<td>COMPOSITE INSULATION COATINGS</td>
<td>UK(3)</td>
<td>INTELLIGENT IP SURVEILLANCE SYSTEM</td>
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<td>SVK(2)</td>
<td>DETECTING AND NEUTRALIZING DANGEROUS INFECTIOUS AGENTS</td>
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<td>CLOUD INCUBATOR</td>
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<td>INTEGRATED LOCOMOTIVE ENGINES</td>
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<td>CLOUD-BASED 3D RENDERING</td>
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<td>ORIGINAL DRUGS FOR TREATMENT AND DIAGNOSTIC METHODS OF VIRTUAL INFECTIONS</td>
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<td>VIRTUAL PROTOTYPING</td>
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<td>CENTRE FOR RESEARCH OF THIN FILM TECHNOLOGIES IN ENERGETICS</td>
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<td>DETECTING AND NEUTRALIZING DANGEROUS INFECTIOUS AGENTS</td>
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<td>ORIGINAL DRUGS FOR TREATMENT OF VIRTUAL INFECTIONS</td>
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<td>Gas Isotopes for Medicine</td>
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Fund’s innovative projects financing

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<th>Fund’s Sources</th>
<th>Invetsor’s Sources</th>
<th>Projects Overall Costs</th>
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<tbody>
<tr>
<td>2010</td>
<td>0,87 mln. rub.</td>
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<td>10,6 bln. rub.</td>
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<tr>
<td>2011</td>
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<td>11,8 bln. rub.</td>
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<tr>
<td>2012</td>
<td>11,8 mln. rub.</td>
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<td>85 bln. rub.</td>
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<td>2013</td>
<td>13,8 mln. rub.</td>
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<td>13,8 bln. rub.</td>
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</table>

Invetsor’s sources during 5 years

Fund’s sources during 5 years

Fund’s innovative projects financing

85 bln. rub.

Fund’s sources

Invetsor’s sources during 5 years

Projects Overall Costs

Invetsor’s sources

Fund’s sources

5888,6* MLN. RUB.

2706,3 MLN. RUB.

3182,32 MLN. RUB.

FUND’S INNOVATIVE PROJECTS FINANCING

*Excluding LLC International Center for Quantum Optic and Quantum Technologies
TOWN-PLANNING CONCEPTS FOR SKOLKOVO INNOVATION CENTRE DEVELOPMENT (OMA, AREP)

Since January 12th, 2011 about 25000 voted for OMA and AREP concepts

HTTP://WWW.I-GOROD.COM/VOTE1/

PUBLIC DISCUSSION OF THE TOWN-PLANNING CONCEPTS FOR SKOLKOVO INNOVATION CENTRE DEVELOPMENT (FOR THE LAST MONTH):

JANUARY 20TH Public discussion of the Town-planning concepts
JANUARY 12TH Voting for the best town-planning concept started
DECEMBER 25TH Discussion of the town-planning concepts with Skolkovo Innovation Centre Partners
DECEMBER 23RD Discussion at the Chamber of Commerce & Industry concerning use of Expo-2010 experience
DECEMBER 20TH Skolkovo Foundation Town-planning Board, Selection of the finalists

NUCLEAR TECHNOLOGY
ENERGY EFFICIENCE
MEDICAL TECHNOLOGIES
AIRSPACE TECHNOLOGIES
IT

Social
Culture
University
Industry
Commercial
Residential
Park & Ride
ARE YOU BUILDING THE RUSSIAN “SILICON VALLEY”? 

- Skolkovo is not the Silicon Valley of Russia
- It is a “lego” for innovators
- It is being created in collaboration with researchers, universities, multinationals, venture capitalists, governments and all kinds of other entities from all over the globe. That makes it a unique example of international social creative process that will result in an environment most conducive to innovation and investment, education and entrepreneurship, research and recreation
• Skolkovo rules will be applied for entities located anywhere as long as they are registered in Skolkovo.
• We call it the “virtual Skolkovo rule”.

Skolkovo starts as soon as collaboration does
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