

The background of the slide is a photograph of the main building of Moscow State University, a large, ornate, light-colored structure with a prominent central spire topped by a golden orb. The building is set against a clear blue sky. In the foreground, there are green trees and a statue on a pedestal. The text is overlaid on the image.

**"How to develop the University based
Entrepreneurship Ecosystem.
Situation in MSU"**

***Movsesyan Oleg
CEO,
Moscow State University
Science Park***

www.sciencepark.ru

MSU Infrastructure for Innovation

Department of innovation policy & international scientific cooperation

Technology transfer office (2004)

Science Park (1992)

Students Business Incubator (2011)

Center of Innovative entrepreneurship (2009)

Biotech Business Incubator (2012)

MSU Center for Technology Transfer Organized in 2004

- Main mission:
 - Help in the commercialization of the research results of MSU scientists;
 - Consultations for the organizers of small companies based on MSU;
 - Composition of databases of research results obtained in MSU, prospective for commercialization;
 - Education of MSU students and scientists in the field of innovation activities.



MSU Biotech Business Incubator (under construction)

Objective:

Create favorable conditions for scientists, students and graduates to start hi-tech business in biotech

Services:

- ✓ Technology infrastructure
- ✓ Mentoring
- ✓ Business support.



ПЕРСПЕКТИВА СО СТОРОНЫ МИЧУРИНСКОЙ АЛЛЕИ

- Total Investments in infrastructure (MSU & Federal government) — > \$15 mln.
- We are plan to create up to 10 star-ups per year from 2012
- 3740 m² of spaces

Biotech Business Incubator

Functionality

**Vivarium
for preclinical trials (GLP)**

Business center

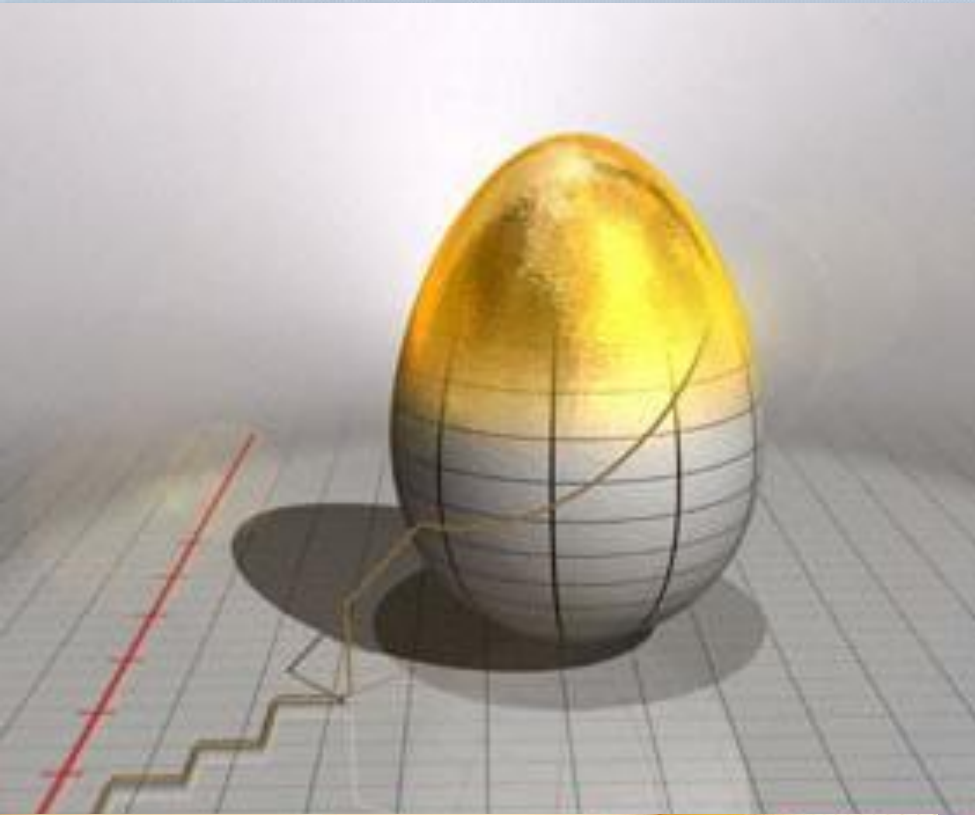
- co-working spaces for residents ;
- consultancy;
- training-center;

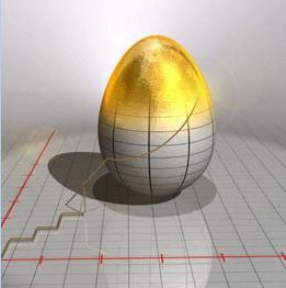
**Technology center
(GLP)**

Laboratories

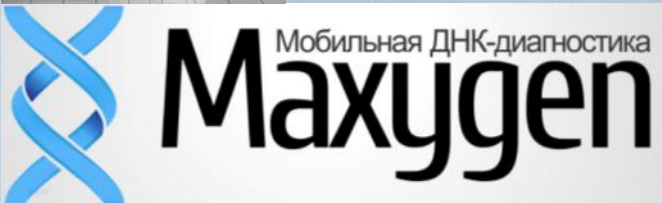
- For residents
- For product certification

Students Business Incubator





Incubators residents



- ✓ 2nd place in *Intel Global Challenge at UC Berkeley* (the best achievement for Russian startups).
- ✓ Term Sheet with VC with \$1 mln. investment



- ✓ Term Sheet with BA with \$300K investment
- ✓ First clients in 2012



- ✓ Term Sheet with VC
- ✓ Grant from Skolkovo Foundation

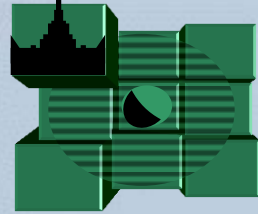
itima

premium solutions for small business

StreamData



MSU Science Park



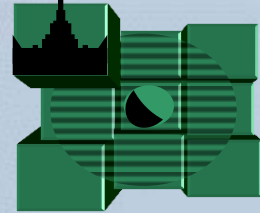
- **Main mission:**

Incubating and hosting of small high tech companies based on the technologies developed in MSU

- **MSU Science Park today is:**

- 11700 m² of spaces,
- 82 high tech small & medium companies;
- 2500 people employed





Science Park: History

- Set up in 1992 – one of the oldest in Russia
- Founded by MSU (60%) and Ministry of Science
- First to receive: - State accreditation
- Certificate of matching UNIDO criteria (first in Eastern Europe)
- One of the most representative Board of Directors of Russian SP's
- SP MSU – full member of International Association of Science Parks (IASP).



Technology entrepreneurship educational programs and b-plan competition

Participants can:

- Meet with successful entrepreneurs
- Take part in educational program (2 month)
- Find and choose good idea;
- Create a team of 3-5;
- Develop business-plan;
- Meet with mentors & consultants;
- Present project to investors
- Get money to start



SUCCESS FORMULA

Образовательная программа и конкурс студенческих бизнес-планов

О программе

События

Люди

Материалы

Поддержка

Контакты



Technology entrepreneurship educational programs and b-plan competition “Success Formula”

History of the program

- 2004: First contest with teachers from Oxford Innovation and SAID Business School of Oxford University;
- 2005: Participation in MIT Global Startup Workshop;
- 2006: Adoption of HAAS Business School cases and experience;
- 2007: IT specialization, Russian cases;
- 2008: Professional teachers
- 2010: Formula – IT,
- 2011: Formula Bio.

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Technology entrepreneurship educational programs and b-plan competition “Success Formula”

From 2004-2011

- > **2000** participants
- > **350** business ideas
- > **180** business-plans
- > **30** start-ups



ХОЧЕШЬ?

1. ПРИНЯТЬ УЧАСТИЕ В РАЗВИТИИ РЕАЛЬНЫХ ПРОЕКТОВ РОСНАНО
2. ПОЕХАТЬ НА СТАЖИРОВКУ В США (БОСТОН)
3. НАУЧИТЬСЯ ЗАРАБАТЫВАТЬ ДЕНЬГИ В BIOTEХНОЛОГИЧЕСКОМ БИЗНЕСЕ



Зарегистрируйся
до 1 октября

- ФОРМУЛА БИО**
1. БЕСПЛАТНАЯ ОБРАЗОВАТЕЛЬНАЯ ПРОГРАММА В МГУ ИМЕНИ М.В.ЛОМОНОСОВА
 2. ВСТРЕЧИ С ЛИДЕРАМИ ИНДУСТРИИ
 3. КОНКУРС ПО РАЗРАБОТКЕ BIOTEХНОЛОГИЧЕСКИХ БИЗНЕС-ПРОЕКТОВ

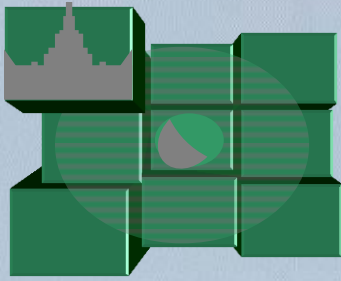
Научный Парк МГУ приглашает тебя принять участие в образовательной программе и конкурсе бизнес-проектов Формула БИО. Формула БИО - совместный проект Научного Парка МГУ и ОАО РОСНАНО для желающих поучаствовать в создании настоящих бизнес-проектов в сфере биотехнологий, биоинженерии и биохимии.

FormulaBio-2011

300 applications from the best Universities & Research Centers of Moscow (students, postdocs, young researchers)

65 – finalists

5 – new start-ups



MSU Experience in Incubation



Creation new start-ups in the frame of START program of FASIE (SP MSU & TTO MSU)

2004 - 2011 гг. – 227 applications, 96 - new start-ups

% of success -

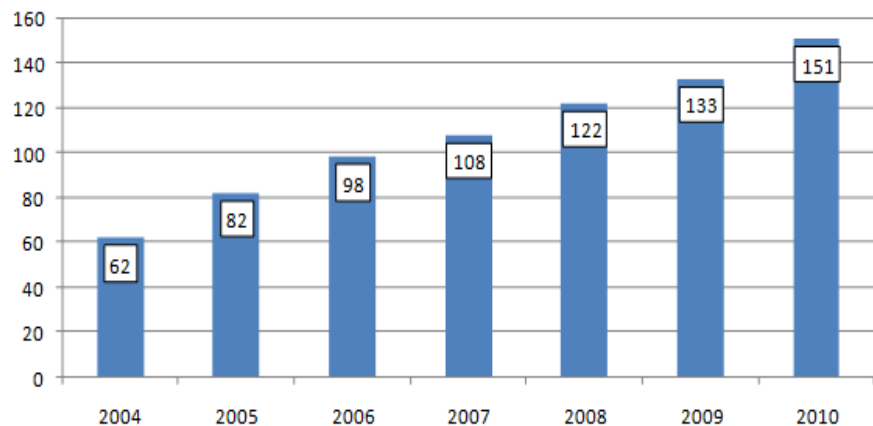
- **All START projects in FASIE – about 20%**
- **MSU START projects – 42,3%**

Start-ups Data:

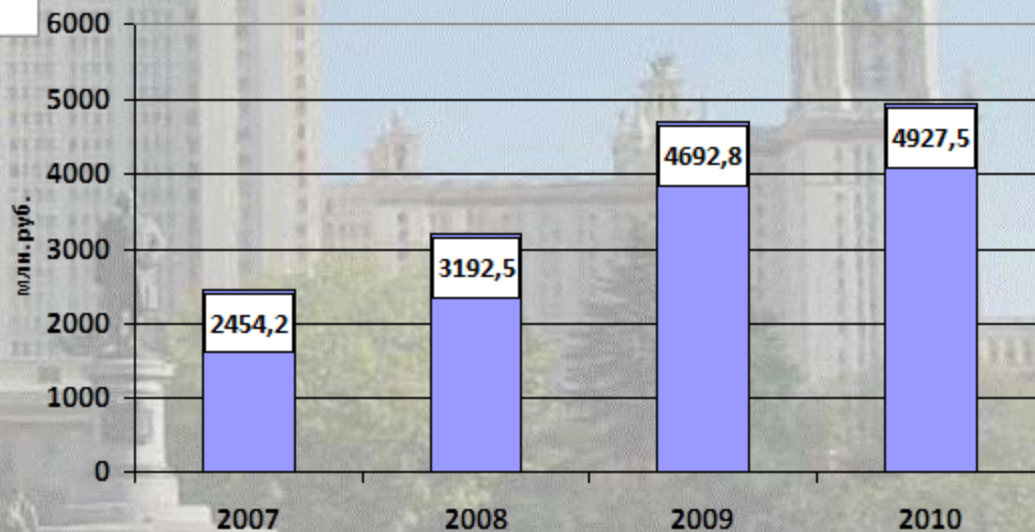
- **Average turnover – > \$300k**
- **Start-ups turnover growth (2007-2008) – 40%; 2008-2010 - 14%**
- **Average personnel – 13**

High-tech SME Ecosystem of MSU, some results...

**Количество компаний
в инновационном поясе МГУ**



**Объем произведенной продукции
компаниями инновационного пояса МГУ**





Our start-ups



ООО «Movicom Ltd.»



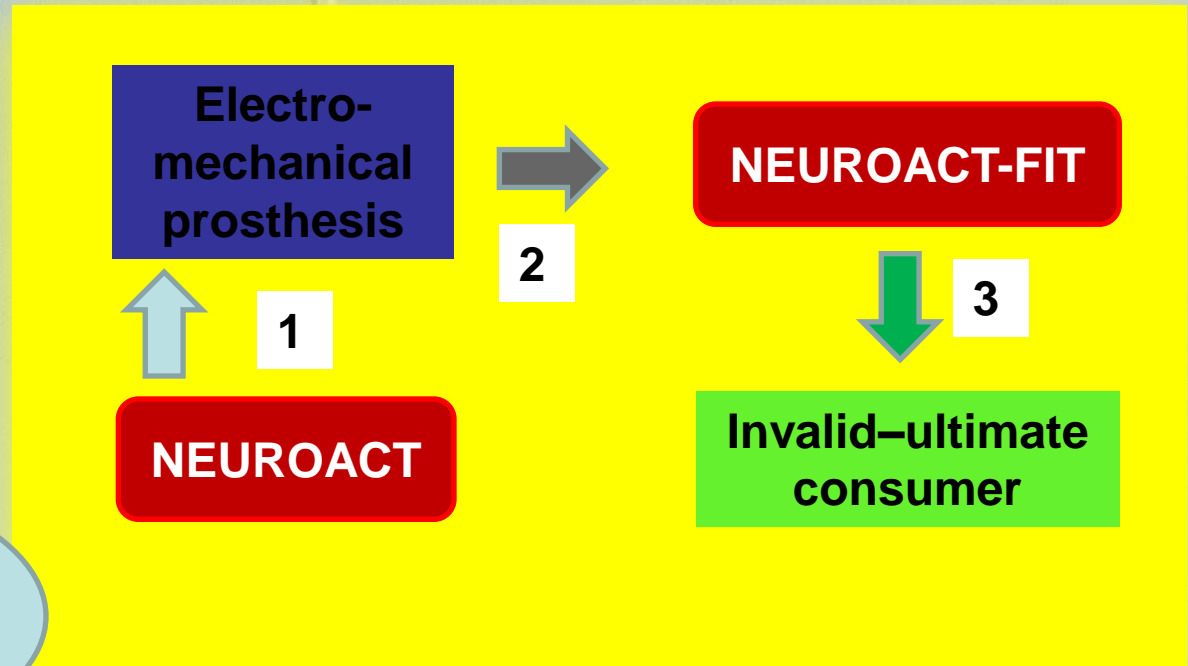
«MolTech Ltd.»



ООО «UniMed Ltd.»



BCI algorithms,
headset with
electrodes, decoder
«EEG-BCI»,



1. «InnovaTech» company sells its product NEUROACT to producer of electro-mechanical prosthesis
2. Producer of electro-mechanical prosthesis installs NEUROACT into its own product. Thus, it will be created new joint product - neuroelectrical prosthesis NEUROACT-FIT
3. Sale to consumer, installation and backup service of NEUROACT-FIT

INTERVOX

- Speech to text service

Possibility to search in videofiles!!!

Partners:

➤ RuTUBE

➤ RBC



MSU Start-up «MolTech Ltd.»

Software for drug design

Work Faster and with higher probability
then competitors

- **Clients:**

Amgen, Asinex, Boston Biocom, Chem-bridge, Novartis, Vitas-M Laboratory, Bioprocess, Valenta, Farm-sintes e.c.

- **Achievements/Results**

- One drug on the Russian market (Grippaverin),
- 3 in clinical & preclinical trials

Awards

- First prize on Russian Innovation Convent, 2008 г.
- The winner of the Business plan competition In MSU "Success Formula"



Thank You!

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