



Ural pharmaceutical cluster is innovative project

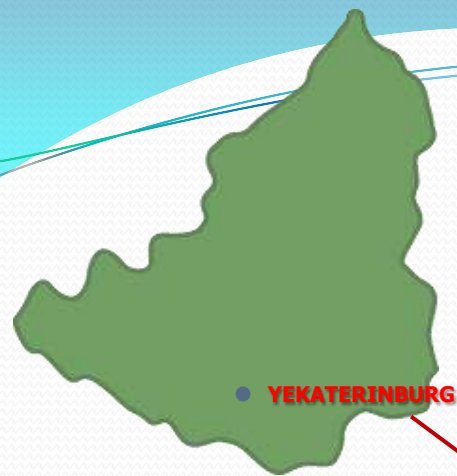
Alexander P. Petrov, Ph.D. of economics

Cluster platform is the base of state-private partnership

Consolidation of state, business, science and manufacturing

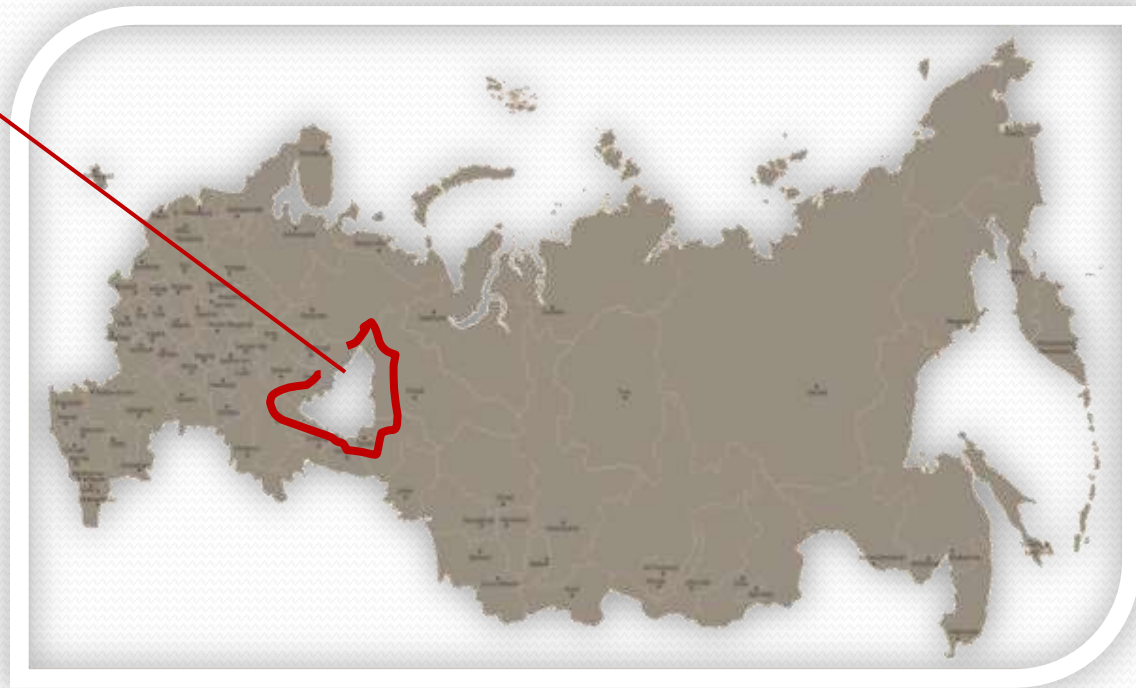
- Political and financial state support
- Protection of common interests and promotion of the products
- Development of technological level
- Intensification of innovative activity
- Implementation of the innovative products in manufacturing
- Educational and social support of personnel

Sverdlovskaya oblast – advantages of the base region

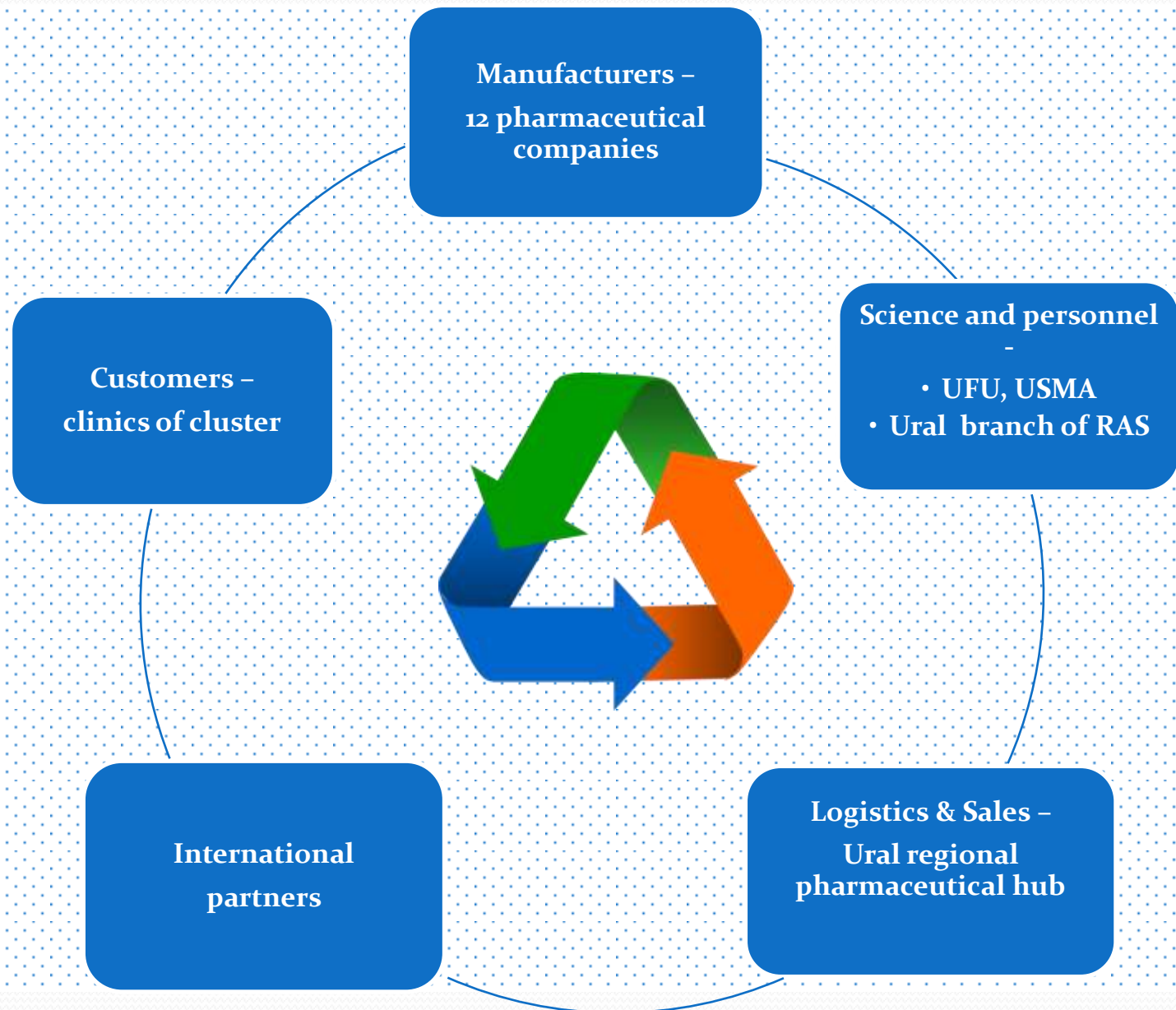


- Central region of Ural Federal district with total population 12,5 millions people
- Beneficial European-Asian geographical location
- Developed industry and economic
- The oldest Ural science school

- 194,3 thousands km²
- 4,4 millions people
- 26 billions Euro of gross regional product (2010)
- 1st place Volume of manufactured products in metallurgy, pipe rolling and defense industry
- 5th place Turnover of retail trade
- 7th place Volume of Investments in basic capital
- 11th place Volume of foreign investments



Structure of Ural pharmaceutical cluster



OUR STRATEGIC TARGET

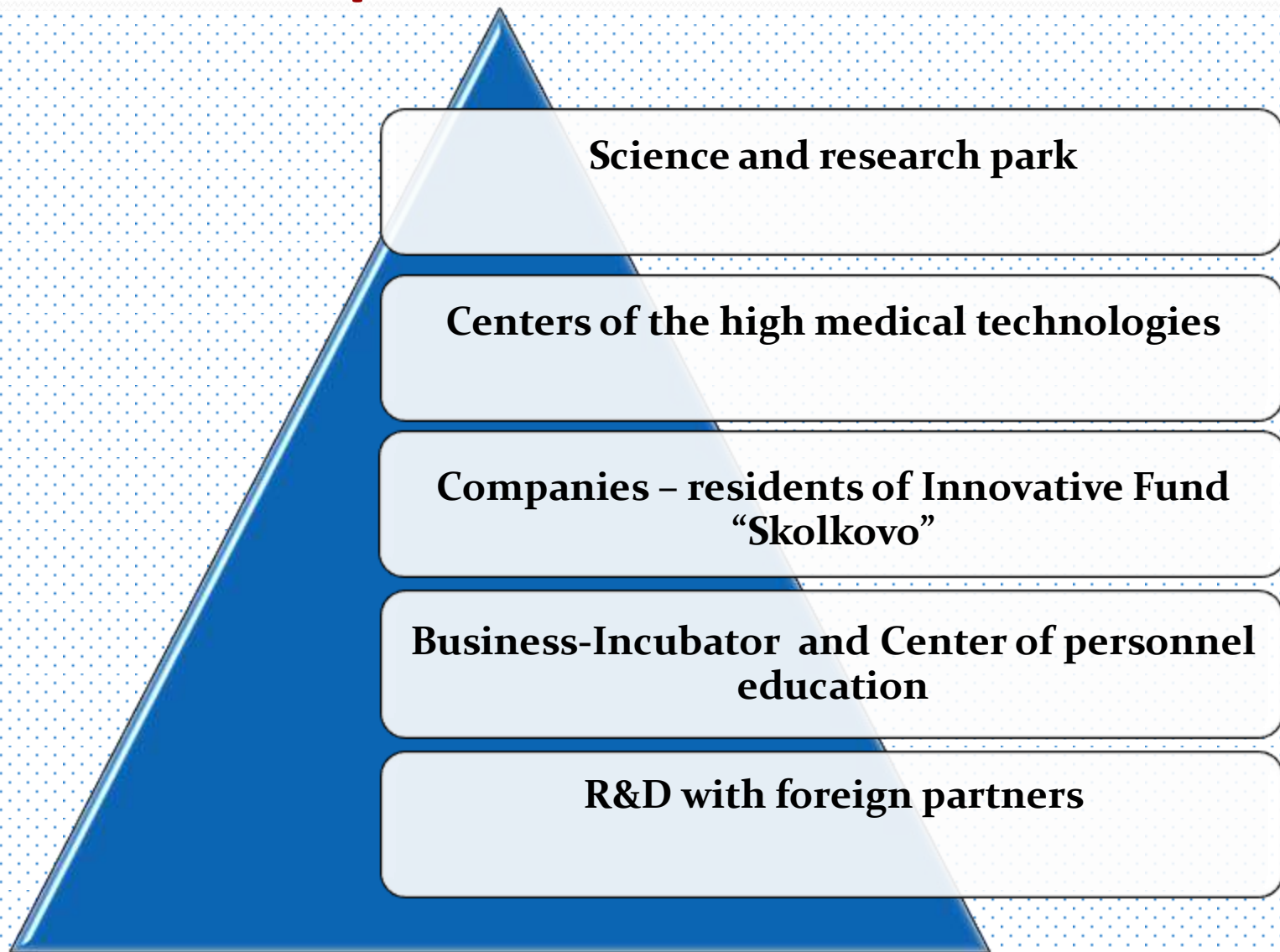
Forming in the region high-technology complex of interconnected manufacturers and infrastructure objects for developing, manufacturing and selling of the modern drugs, medical equipment and disposables of high quality.



OUR MISSION

Implementation and development of accessibility of the high medical technologies for extension of the people lifetime and improvement of life quality.

Innovative infrastructure of Ural pharmaceutical cluster



Ural Pharm Cluster - complex investment project

- The 1st step of investment project till the year 2015 - **690 millions Euro**
- The total investments till the year 2020 – **about 1 billion Euro**

Revenues from selling of cluster products:

- 2015 – **875 millions Euro**
- 2020 – **2,5 billions Euro**

By the year 2020 cluster will achieve the leading position in Russia by its production volume

Our basic areas



infusion solutions

genetically engineering

biotechnology and
chemical substances

compound medical
equipment

dialysis concentrates

radioisotopes

antiviral, antineoplastic
and other drugs

Production of infusion solutions and pharmaceutical plastic

I.V. solutions

Production volume:
2010 – 12 millions bags
2011 – 25 millions bags

Total investments
– 14,5 millions Euro

Employees
– 420

Foreign partner –
S.I.F.R.A., France



Plastic package

Production volume - 25
millions packages

Total investments
– 3,5 millions Euro

Employees
– 20





Production of medical equipment and dialysis concentrates



Production of Kidney machines
“Malakhit”



Production of water treatment
systems



Production of dry and liquid
dialysis concentrates

Production volume of:

- Kidney machines
500 per year;
- water treatment systems
100 per year.

Production volume of
dialysis concentrates

- 5.500 tons per year

Total investments

- 6 millions Euro

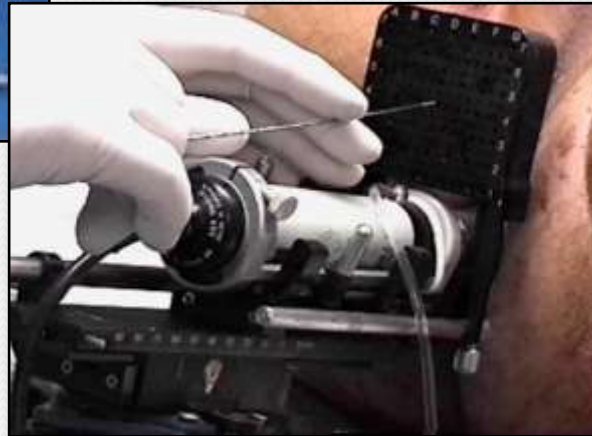
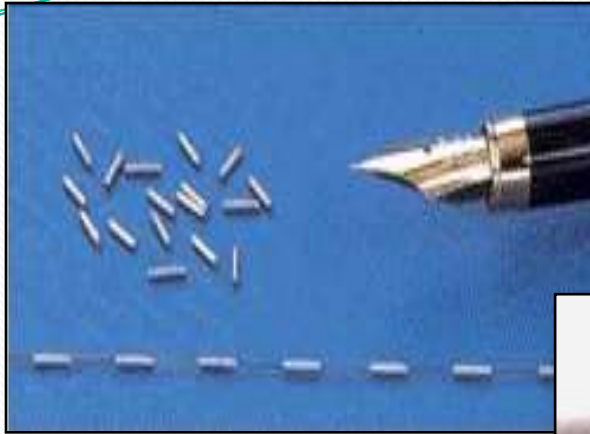
Employees

- 60

Foreign partner

- Nipro Corp., Japan

Production of radioisotopes



Production of Cs-131 isotopes for
microinstrument with radiation frequency
emission for primary and postoperative
treatment of prostate malignant tumors by
brachytherapy method

Production volume
– 1.050 Ci per year

Total investments
– 1,25 millions Euro

Employees
– 10

Exports of products
to USA – 100%

Foreign partner
– IsoRay, USA

New projects

Antiviral drug TRIAZAVIRIN

at the base of NEW
molecule

Total investments
– 52 millions Euro

Employees – 100

State grant
– 10 millions Euro



Ural medical nuclear center

Science, production, clinic

Total investments
- 12,5 millions Euro

Employees – 50

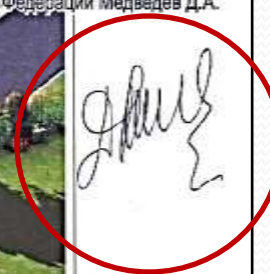
State grant –
3 millions Euro

Ambulatory dialysis clinics

Медицинский центр на 18 диализных мест



Президент Российской Федерации Медведев Д.А.



Перспективное изображение
Вид 2.

Поддерживаю
17.05.08
полномочный представитель
Президента РФ в УрФО
Игнатьев П.М.
Согласен
17.5.2008
Губернатор
Свердловской области
Росель С.Э.

Имя	Колуч	Лист	Мед.	Подпись	Дата
ЕП	Иванов С.В.				
ПМ					
Разраб.	Чистова С.В.				
Перспективное изображение Вид 2.					
			Статус	Лист	Листов
			ЭП	10	

Time of pilot project
implementation in
Sverdlovskaya oblast

—
2008-2012

Total investments
— 36,5 millions Euro

Employees
— 250

Secure state order for
the service of clinics

Ural Glass Plant

The first company in Russia on production of ampoules, vials and cartridges of the 1st hydrolytic class for the needs of pharmaceutical industry.



Production volume
per year:

2012 – 180 millions pieces

2015 – 1 billion pieces

Total investments
– 70 millions Euro

Employees
– 550

Cluster key factors of successful development



Skilled team of employees, including scientists and researchers:

- 3 academicians
- 9 professors
- 22 Ph.D.



Presence of independent private capital



Political support of all levels



State-private partnership



Possible ways of cooperation in the frame of Ural pharmaceutical cluster

Joint R&D in creation of the modern, innovative drugs, medical equipment and disposables

Development of products distribution at the Russian and international pharmaceutical markets

Projects of location of joint manufacturing at the facilities of cluster companies

«Ural pharmaceutical cluster»



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