

## **Innovative Activity**

The strategy for the JINR development is determined by the triad “science–education–innovations”. This strategy has been approved by the JINR Committee of Plenipotentiaries, and it meets the interests of transition to innovative economies in the JINR Member States.

The innovative activity programme for 2010–2016 is based on the concept of long-term social and economic development of the Russian Federation, as the host country of the Institute, which is drawn up to the year 2020. Our programme includes a complex of activities which will be carried out in association with state institutes of development of Russia as well as private and state organizations in the JINR Member States. These activities will be targeted at:

### **1. Efficiency increase in the scientific and educational potential**

#### 2010–2016

Expenditure increase for Research and Development; implementation of new types of scientific activity funding (project financing, grants), engagement of private financing for Research and Development.

Employee training in the innovative sphere.

### **2. Development of the scientific, technical and innovative infrastructure**

#### 2010–2016

Participation of JINR’s innovative projects in competitions to receive financing from federal target programmes of the Russian Federation and programmes of the European Union.

#### 2010–2011

Commercialization of the deliverables of scientific research and experimental development; formation of network of small and medium innovative companies.

Establishment of a Nanocentre “Dubna” together with the Russian State Corporation “Rusnano” and other JINR partners. The centre will comprise a Multi-Access Centre, a Center for Technology Transfer, and a Seed Venture Fund.

#### 2010–2012

Partnership with venture companies and funds, engineering and development firms. Financing of business projects at all the stages of innovative cycle.

### **3. Development of the regional innovative nanotechnological cluster**

#### 2010–2016

Completion of formation of full-scale plot of nuclear physical and nanotechnologies in the technological-and-innovative special economic zone.

#### 2011–2013

Establishment of a competitive complex of interrelated high-tech production in the field of nanotechnologies in the territory of Dubna and the region.

#### 2014–2015

Establishment of a Venture Capital Centre in Dubna.

### **4. Effective integration into the global innovative system**

#### 2010–2011

Establishment and management of efficient operation of the International Innovative Nanotechnology Centre for CIS and EU countries in Dubna.

Involvement of Russian scientists, who left abroad, in joint activity, promotion of their participation in innovative projects and teaching work.

#### 2013–2014

JINR’s participation in the delivery of several major projects in the field of nanotechnologies based on a long-term technological prognosis.

2013

Patenting and protection of intellectual property rights in accordance with the international standards.

**5. Formation of a new innovative culture**

2010–2016

Promotion of science and innovations, in particular by means of advertisement, involvement with leaders of public opinion, distribution of “success stories”, etc.

Assistance in innovative PR promotion — “Science & Innovation Relations”.

Development of specialized studies in innovations at the University “Dubna” and at the JINR University Centre.

Participation in international exhibitions, conferences and forums in the field of innovations.

Changes in the timelines and activities of this part of the Plan for 2010–2016 will depend primarily on macro economic factors influencing the JINR Member States and availability of medium- and long-term investment sources within the framework of private-state partnership.