

### RUSNANO's Scientific and Technological Expertise

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## Scientific & Technological Evaluation

Scientific & Technological Evaluation includes scientific assessment by experts, Production & Technology Examination and Patent Assessment

Checks Assessment Scientific basis **Assessment by Assessment by**  Technical feasibility independent internal experts external experts Relation to nanotechnology Science & Project documentation **Production &**  Available and required **Technology Technology** resources Council **Examination** Site requirements Ecological constrains Patent protection in Russia **Patent** and internationally **Assessment** Patent clearance

Production & Technology Examination and Patent Assessment are conducted by leading independent consultants



## **Experts**

### Scientific assessment is conducted by internal and external experts

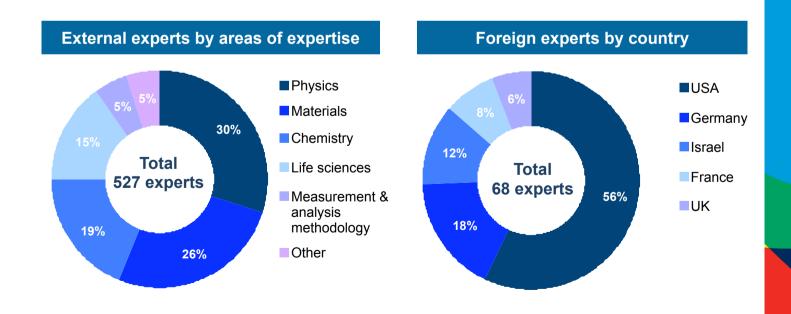
**Internal experts** 

RUSNANO's Scientific and Technological Expertise Department employs 12 internal experts specializing in various areas (nanomaterials, chemistry, life sciences, micorelectronics, physics, catalysts etc.)

**External experts** 

Currently RUSNANO has 527 accredited external experts:

- 459 Russian and 68 foreign experts
- 80% of experts hold Doctor of Science and 19% PhD degrees





# Advantages of Scientific & Technological Evaluation in RUSNANO

The strongest expertise in Russia and one of most qualified in the world gives the unique opportunity to decrease risks and to increase returns of approved projects

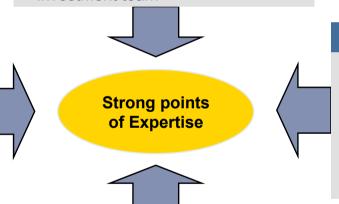
#### **Unbiased approach**

- Chinese wall between investment team, internal and external experts to avoid conflict of interests
- External experts are anonymous to investment team

#### Scientific and metrological base

Involves a number of institutions:

- Leading Russian scientific centers
- Leading Russian technological centers
- International centers



### Consensus decision

Each project is evaluated by several experts:

- Internal experts
- At least 3 external experts
- Working group of the Science and Technology Council

#### Rigorous experts selection

Selection criteria based on:

- Experience
- Hirsch index
- Number of patents



# Science & Technology Council

# Science & Technology Council makes final decision on scientific and technological component of the project

#### **Board members**



Chairman: Mikhail V. Alfimov
Head of Photochemistry center
Member of the Russian academy of sciences

- Science & Technology Council is formed by 19 high-profile Russian scientists and senior representatives of the leading Russian research institutions, universities and hi-tech holdings:
  - 2 rectors of universities
  - 13 heads and senior representatives of the leading Russian research centers
  - 3 senior representatives of Russian hi-tech holdings
  - 1 senior government official

# Board project review process

#### - Before the Council session

- Appointment of the working group consisting of 3 Council members
- Review of the project by the working group and issue of the final conclusion by the working group

#### - During the Council session

- Examination of the final conclusion of the working group by the Council
- Voting on the project by the Council members
- Majority of the Council members' votes (>50%) is required to get the final approval of a project by the Council

