

RESOLUTION

of the 1st Meeting of SibFU International Advisory Council

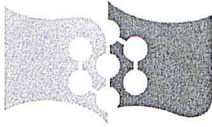
August 25-26, 2016

Taking note of the presentations and reports that have been made at the 1st Meeting, the International Advisory Council of Siberian Federal University with the following membership

- **Malcolm K. Hughes**, Regents' Professor, the University of Arizona (USA) as Chair of the International Advisory Council;
- **Hans Agren**, Professor of the Department of Theoretical Chemistry and Biology, Royal Institute of Technology (KTH), Sweden;
- **Joel Guiot**, Research Director at National Centre of Scientific Research, European Center of Research and Education in the sphere of Geosciences (France);
- **Jacek Oleksyn**, Director of the Institute of Dendrology, Polish Academy of Sciences (Poland);
- **Christiane Cornelia Schullius**, Chair, Department for Earth Observation, Institute of Geography, Faculty of Chemistry and Earth Sciences, Friedrich-Schiller-University Jena, (Germany) (on-line participation).

AGREED:

- 1) **to approve** the Programs of Siberian Federal University competitiveness enhancement for 2016-2020 ("the Roadmap") taking the recommendations of the Ministry of Education and Science of the Russian Federation and the recommendations of the International Council of the Russian Academic Excellence Project of March 17-19, 2016, into account and **assess** the results of the Program realization in 2016, so far, as positive;
- 2) **to recommend** the following research projects in the University priority areas connected with the complex and safe extraction and use of natural resources, biomedicine, global climatic change and improving the quality of human life be presented to the Ministry of Education and Science for additional financial support
 - Developing bio-medical research at SibFU;
 - Production in aquatic ecosystems of biochemicals essential for humans,;
 - Prospective materials for novel applications in nanophotonics, biophotonics and nanobiomedicine;
 - Dendroecological and dendroclimatic monitoring of the forests in Northern Eurasia;
 - Development of aluminum production technology using inert anodes and low-temperature electrolytes



- 3) **to support** the University projects aimed at the modernization and development of economic and engineering education, in light of the recommendations of the Ministry of Education and Science of the Russian Federation, using the advantages of the interdisciplinary approach, namely the interconnection between engineering, economy, management and sustainable development as a unique direction.
- 4) **to encourage** the University to require of each project: a) clear statements of scientific objectives, relevant to the overall theme described in the Roadmap (see #2 above); b) a more uniform quantification of the human resources devoted to each project; and c) regular reporting of the development of human resources associated with each project (for example, involvement of students of all levels, degrees awarded, study visits elsewhere in Russia and abroad); d) continued emphasis on the efficient use of existing resources, for example sharing of scientific equipment and expertise, whether between the laboratories involved this program or more widely across the University. In addition to its benefits in terms of resource use, such sharing increases the chances of innovative interdisciplinary insights and developments.
- 5) **also to encourage** collaboration: a) between the natural and social sciences, not only in research but also starting with Masters level students being required to attend lectures across this divide; b) in international research networks as well as in training.

We found that the materials prepared for us were of high quality. Each research project was clearly presented, giving convincing evidence of the excellent start the University has made in the competitive enhancement program's first few months.

SIGNED BY

The members of the International Advisory Council

Chair:

Malcolm Hughes

Members of the Council:

Hans Agren

Joel Guiot

Jacek Oleksyn