



SC/PSD Division
UIS
Moscow Office



State University – Higher School of Economics
Institute for Statistical Studies
and Economics of Knowledge

**SEMINAR-WORKSHOP
ON SCIENCE, TECHNOLOGY AND INNOVATION INDICATORS:
TRENDS AND CHALLENGES**

(Moscow, Russia, 18-20 September 2007)

PROGRAMME

I. Background

UNESCO Institute for Statistics (UIS), with the collaboration of SC/PDS (Division of Science Policy and Sustainable Development), has recently designed and implemented a worldwide consultation on science and technology statistics and indicators. Both are also engaged in capacity building activities regarding S&T indicators. There are quite valuable institutional experiences in Moscow UNESCO Office cluster countries regarding science, technology and innovation policy-relevant indicators (Armenia, Azerbaijan, Belarus, the Republic of Moldova and the Russian Federation). Important issues for those countries could be analyzed, particularly concerning incremental innovation processes and the need to link S&T data and policy to major economic policies.

II. Objectives

- a. Analyze recent international experiences and trends regarding science, technology and innovation policy-relevant indicators
- b. Training of high-level technical staff from S&T policy bodies and universities in Moscow UNESCO Office cluster countries
- c. Increase the number of countries regularly producing quality S&T indicators in Moscow UNESCO Office cluster countries
- d. Strengthen local capacities for the production of such indicators, with the final aim of establishing sustainable local S&T statistics systems
- e. Promote the use of S&T indicators to support evidence-based S&T policy making.
- f. Share experiences with other developing countries in the field of S&T indicators, and to address the problems that countries may have encountered in collecting S&T statistics
- g. Generate initiatives related to good practices that might be relevant in other countries of the region

III. Organizing Institutions

- UNESCO Science Policy and Sustainable Development Division (SC/PSD)
- UNESCO Institute for Statistics (UIS)
- UNESCO Moscow Office
- Ministry of Education and Science of the Russian Federation
- State University – Higher School of Economics, Institute for Statistical Studies and Economics of Knowledge

IV. Participants

- 6 high-level technical staff and decision-makers from S&T policy and S&T statistics organizations in Armenia, Azerbaijan, Belarus, the Republic of Moldova and the Russian Federation
- 6 decision-makers from universities in Armenia, Azerbaijan, Belarus, the Republic of Moldova and the Russian Federation
- 4 high-level lecturers (UNESCO, UIS, Mr L. Gokhberg and Mr I. Egorov)

V. Date and venue

18-20 September 2007

State University – Higher School of Economics, Myasnitskaya Str., 20 (room K 327), Moscow, Russia
[working language will be English]

VI. Technical Secretariat

- Mr Eduardo Martinez, Science and Technology Studies, Strategic Planning & Evaluation, SC/PSD Division, UNESCO
- Mr Ernesto Fernandez-Polcuch, S&T Programme Specialist, UIS
- Ms Anna Pikalova, Director of the Centre for International Projects, Institute for Statistical Studies and Economics of Knowledge, State University – Higher School of Economics

VII. AGENDA

TIME	ACTIVITY
Tue., 18/Sep.	
09:00 – 09:15 09:15 – 09:45	Registration Opening <ul style="list-style-type: none"> • Ministry for Education and Science of the Russian Federation: Mr. A. Sudarikov, Head of Department for S&T and innovation policy • UNESCO: Mr Dendev Badarch, Director of UNESCO Moscow Office • Federal Service for State Statistics (Rosstat): Mr A. Surinov, Deputy Head • Commission of the Russian Federation for UNESCO: Mr Grigoriy Ordhonikidze, Secretary-General • State University - Higher School of Economics and Institute for Statistical Studies & Economics of Knowledge: Prof. L. Gokhberg, Vice-Rector and Director of Institute
09:45 – 10:00	Session 0 Presentation of participants (position and institution)
10:00 – 11:00	Session 1 1. Science and technology institutionalization and strategies + Debate Mr E. Martinez, S&T Studies, Strategic Planning & Evaluation, SC/PSD, UNESCO
11:00 – 11:30	<i>Coffee break</i>
11:30 – 12:30	Session 2 2. S&T statistics: overview of data for countries of this Region + Debate Mr E. Fernandez Polcuch, UIS
12:30 – 14:00	<i>Lunch</i>
14:00 – 14:30	Session 3 3. Organisation of internationally compatible S&T statistics at the national level: the Russian experience Prof. L. Gokhberg, Vice-Rector, State University - Higher School of Economics, and Director, Institute for Statistical Studies & Economics of Knowledge
14:30 – 15:30	Session 4 4. International Definitions: R&D-STA-Innovation Workshop activity 1 (in 2 groups) Mr E. Fernandez Polcuch, UIS
15:30 – 16:00	<i>Coffee break</i>
16:00 – 17:00	Session 5 5. Measuring R&D personnel - Workshop activity 2 (in 2 groups) Mr E. Fernandez Polcuch, UIS, and Mr Igor Yegorov, Consultant
17:30 – 19:00	<i>Welcome Cocktail</i>

Wed., 19/Sep.	
09:00 – 10:00	Session 6 6. S&T policies and indicators in the region + Debate Mr Igor Yegorov, Consultant
10:00 – 11:00	Session 7 7. National presentation: Armenia, Azerbaijan and Belarus
11:00 – 11:30	<i>Coffee break</i>
11:30 – 12:30	Session 8 8. National presentation: Moldova and Russia: Ms. Tatiana Kouznetsova, State University Higher School of Economics, Institute for Statistical Studies and Economics of Knowledge
12:30 – 14:00	<i>Lunch</i>
14:00 – 15:30	Session 9 9. Measuring R&D expenditure - Workshop activity 3 (in 2 groups) Mr E. Fernandez Polcuch, UIS, and Mr Igor Yegorov, Consultant
15:30 – 16:00	<i>Coffee break</i>
16:00 – 17:00	Session 10 10. Innovation surveys in developing countries. Oslo Manual Mr E. Fernandez Polcuch, UIS
19:00 – 21:00	<i>Cultural evening (optional)</i>

Thu., 20/Sep.	
09:00 – 09:30	Session 11 11. Women in science and technology: International Report on Science, Technology and Gender Mr E. Martinez, S&T Studies, Strategic Planning & Evaluation, SC/PSD, UNESCO
09:30 – 11:00	Session 12 12. Measuring other S&T variables - Workshop activity 4 (in 2 groups) Mr E. Fernandez Polcuch, UIS, and Mr Igor Yegorov, Consultant
11:00 – 11:30	<i>Coffee break</i>
11:30 – 12:00	Session 13 13. Regional co-operation in S&T policy and indicators Mr E. Martinez, S&T Studies, SC/PSD, Mr E. Fernandez Polcuch, UIS, and Mr Igor Yegorov, Consultant
12:00 – 12:15	Closure <ul style="list-style-type: none"> • Mr E. Martinez, S&T Studies, Strategic Planning & Evaluation, SC/PSD, UNESCO • Mr E. Fernandez Polcuch, UIS • Mr Dendev Badarch, Director, UNESCO Moscow Office • Prof. L. Gokhberg, Vice-Rector, State University - Higher School of Economics, and Director, Institute for Statistical Studies & Economics of Knowledge