

Expanding S&T Synergies



IncoNet
EECA

Work Package 5 Analyses, Monitoring and Review



Project Number: FP7 - 212226 • Project Acronym: IncoNet EECA • Instrument: Coordination and Support Action (CSA)



5.1 Improving S&T Indicators

Assessment of the current status of S&T statistics in EECA countries:

- Analysis of the applicable international statistical standards.
- Analysis of the current status of national S&T statistics (data availability and quality), including a case-study for Moldova.
- Analysis of the compatibility / incompliance of existing EECA practice with the international statistical standards (Eurostat and OECD)
- Development and dissemination of the questionnaire

Significant Results 5.1

- **D5.1 Assessment report on the current status of S&T indicators in EECA countries and best practice recommendations**
- Recommendations on improving national systems of S&T statistics in EECA countries and ways of adapting the international statistical standards in the national statistical practice
- Drafting of a standardized set of S&T indicators
- An expert meeting on S&T indicators methodology including the developed state of-the-art set of statistical S&T indicators compatible with EU/OECD in Vienna in November 2008
- **D5.2 Report on the expert meeting on S&T indicators methodology including the developed state of-the-art set of statistical S&T indicators compatible with EU/OECD methodology**

Deviation from Annex I

- To fill in the questionnaire on S&T national statistics in EECA countries no person months were envisaged within the project
- The data collection took more time than it was planned
- First draft assessment of the current status of S&T statistics in EECA countries has been prepared and delivered by HSE for the Quality assurance on 01.07.2008 instead of June as it was planned
- Drafting of generic proposal for the project aimed at the improvement of S&T indicators in EECA countries that will be addressed to the relevant funding agencies have been decided to develop during the February 2009. The delay has been caused due the richness of the analytical material and pertinent feedback from all partners from EECA countries

5.2 Mapping of key Institutes

- Development of the methodological approach for inventory of key research institutes in EECA
- Expert meeting of the task partner organizations in Kiev on 14 May 2008
- Common criteria for identification of the key research institutions: scientific potential – publication activity in international editions (bibliometric analysis), experience of participation in international projects under FP6, INTAS, COST, ISTC and STC
- Data collection and inventory of key research institutes in EECA

Significant Results 5.2

- **Collected data on key research institutes in EECA**
- **Bibliometric analysis of existence of publications of EECA authors in international peer-reviewed journals and listed in bibliometric databases owned by the Institute for Scientific Information (ISI)**
- **Examination of FP6, INTAS (Open and Thematic Calls in 2002–2006), COST (2002–2006) , ISTC (2002-2007) and STC databases**
- **A draft report on D 5.5 “Inventory of key research institutes in EECA, including also the methodological approach”.**

Deviation from Annex I

- After review of the D 5.5 by the project coordinator, WP5 leader and co-leader it was decided to improve its quality
- WP5 expert meeting in Moscow on 14 November 2008
- Improved methodological approach: to complement the list of the key research institutes in EECA with organizations which have not been yet active in the international cooperation however play an important role in a national research system and have potential for international cooperation in the future
- Expert estimation of EECA partners is very required:
 - **High research potential; Capacity to implement joint research projects with the EU MS/AC organisations; Capacity to communicate with partners in English and/or other European languages and using modern computer communication technologies, existence of the English version of web site; Capacity to manage European research projects**

5.3 Analysis and review of S&T cooperation patterns

- An expert meeting of the task partner organizations in Kiev on 14 May 2008
- Methodological approach to study co-operation at different levels: i) international level – under FP6/7, INTAS, COST, EUREKA and ISTC/STCU; ii) bilateral level – under bilateral S&T co-operation agreements; iii) institutional level - scientific foundations (e.g. DFG, Russian Foundation for Basic Research, CNRS, etc.)
- Special templates for multilateral and bilateral activities

Significant Results 5.3

- Development of the methodology for the analysis and review of multilateral and bilateral activities
- WP5 expert meeting on methodological approach to analysis and review of S&T cooperation patterns in Moscow on 14 November 2008
- Analysis of the participation of EECA countries in FP6 (cooperative research and Marie Curie Fellowships) and INTAS, COST, EUREKA, ISTC/STCU
- Analysis of bibliometric data (1997-2007): 1) number of publications by EECA scientists in international peer-reviewed journals; 2) number of publications of the EECA scientists produced jointly with EU MS&AS scientists
- Analysis of the bilateral EECA countries – EU MS and AC cooperation agreements and programmes
- Cross analysis of activity of international S&T co-operation of EECA countries
- A draft report on **D 5.6 “Inventory of EU-EECA S&T cooperation patterns, including also the methodological approach”**
- **D 5.7 Monitoring of the EU-EECA cooperation under FP7 in 2007-2008**

Deviation from Annex I

- After review of the D 5.6 by the project coordinator, WP5 leader and co-leader it was decided to improve its quality
- WP5 expert meeting in Moscow on 14 November 2008
- Improved methodological approach: using FP7 thematic priorities classification of the scientific fields for INTAS analysis is a mistake that leads to losing of information on cooperation in traditional for EECA countries areas which are not part of FP7, such as theoretical physics, mathematics, chemistry, material sciences
- Analysis needs to be conducted again according to the new disciplinary division
- **For redoing the cooperative patterns report additional PM is required for ARCIMEDES**

5.4 Analysis of national policies towards global challenges

- A common methodological approach and appropriate templates to collect information on national policies and implementation measures addressing global issues
- Decision to focus on climate change/global warming and its impact as „global issue“
- An information system on RTD programmes tackling climate change in the INCO-NET third partner countries was built up and shall have also an awareness raising effect on the importance of STI for global issues/climate change policies of all relevant sectors
- To collect data on national policies on S&T addressing global issues, in every involved EECA country, including good practice examples the database has been programmed and accessible via the internet since October 2008: <http://www.global-issues-rtd.info/>

Significant Results 5.4

- **A common methodological approach and appropriate templates for collection of information on national policies and implementation measures addressing global issues**
- **An international workshop on global issues in Ljubljana with participation of several INCO-NETs**
- **Elaboration of an information system on RTD programmes tackling climate change in the INCO-NET third partner countries**
- **Programming of an internet accessible database to collect data on national policies on S&T addressing global issues, in every involved EECA country, including good practice examples**

Deviation from Annex I

- **The access to the database for collection data on national policies on S&T addressing global issues, in every involved EECA country was distributed to the partners in November 2008.**
- **As of this date, the collection of relevant RTD programmes tackling global issues should have started.**
- **The collection process, which is due until June 2009, has been postponed**

Deadlines WP5

- The final version of the report on S&T statistics in EECA will be finalized in January 2009
- D 5.5 “Inventory of key research institutes in EECA, including also the methodological approach” will be finally achieved in March 2009
- The key research institutes in EECA will be posted on the EECA Webportal
- D 5.6 “Inventory of EU-EECA S&T cooperation patterns, including also the methodological approach” will be finally achieved in June 2009
- Refreshed start to collect the information commences in January 2009. Since the deadline for this exercise is due in June 2009, we do not expect a deadline exceedance
- D 5.7 Monitoring of the EU-EECA cooperation under FP7 2008-2009