

## **Questionnaire**

### **Summary of the main activities of a scientific Organisation of the Slovak Academy of Sciences**

*Period: January 1, 2003 - December 31, 2006*

#### ***I. Formal information on the assessed Organisation:***

##### **1. Legal name and address**

##### **2. Executive body of the Organisation and its composition**

Directoriat	name	age	years in the position
director			
deputy director			
scientific secretary			

##### **3. Head of the Scientific Board**

##### **4. Basic information about the research personnel**

- i. Number of employees with a university degree (PhD students excluded) engaged in research and development and their full time equivalent work capacity (FTE) in 2003, 2004, 2005, 2006 and average number during the assessment period
- ii. Organisation units/departments and their FTE employees with the university degree engaged in research and development

Research staff	2003		2004		2005		2006		average	
	No.	FTE	No.	FTE	No.	FTE	No.	FTE	No.	FTE
organisation in whole	0	0	0	0	0	0	0	0	0	0
unit 1									#####	#####
unit 2 ...									#####	#####
									#####	#####
									#####	#####
									#####	#####
									#####	#####
									#####	#####
									#####	#####
									#####	#####
									#####	#####
									#####	#####

## 5. Basic information on the funding

- i. Total salary budget<sup>1</sup> of the Organisation allocated from the institutional resources of the Slovak Academy of Sciences (SAS) in 2003, 2004, 2005, 2006, and average amount for the assessment period

Salary budget	2003	2004	2005	2006	average
total salary budget (millions of SKK)	0,000	0,000	0,000	0,000	0,000

## 6. URL of the Organisation's web site

## ***II. General information on the research and development activity of the Organisation:***

<sup>1</sup> Sum of the brutto salaries without the fund contributions.

1. **Mission Statement of the Organisation as presented in its Foundation Charter**
2. **Summary of R&D activity pursued by the Organisation during the assessed period, from both national and international aspects and its incorporation in the European Research Area (max. 10 pages)**
3. **Concept of R&D activity of the Organisation for the next four years (max. 5 pages)**
  - i. **Present state of knowledge and status of ongoing research related to the subject of the Concept, from both international and national perspective**
  - ii. **Organisation's role or significance in the overall research effort within the field of the Concept on both the national and international scales**
  - iii. **Objectives of the Concept**
  - iv. **Proposed strategies and methods to be applied, and time schedule**

### ***III. Partial indicators of the main activities:***

1. **Research output**
  - i. **List of the selected publications documenting the most important results of basic research. Total number of publications in the whole assessed period should not exceed the average number of the research employees**
    - [1]
    - [2] ...
  - ii. **List of monographs/books published abroad**
    - [1]
    - [2] ...

**iii. List of monographs/books published in Slovakia**

[1]

[2] ...

**iv. List of other scientific outputs specifically important for the Organisation**

[1]

[2] ...

**v. Table of research outputs**

*Table **Research outputs** shows research outputs in number of specified entries; these entries are then divided by FTE employees with a university degree (from Tab. Research staff) for all Organisation at the respective year; finally these entries are divided by the total salary budget (from Tab. Salary budget).*

Research outputs	2003			2004			2005			2006			total			
	number	No. / FTE	No. / salary budget	number	No. / FTE	No. / salary budget	number	No. / FTE	No. / salary budget	number	No. / FTE	No. / salary budget	number	averaged number per year	av. No. / FTE	av. No. / salary budget
chapters in monographs, books published abroad	0	#####	#####	0	#####	#####	0	#####	#####	0	#####	#####	0	0,0	#####	#####
chapters in monographs, books published in Slovakia	0	#####	#####		#####	#####		#####	#####		#####	#####	0	0,0	#####	#####
CC publications	0	#####	#####	0	#####	#####	0	#####	#####	0	#####	#####	0	0,0	#####	#####
scientific publications indexed by other databases (specify)	0	#####	#####		#####	#####		#####	#####		#####	#####	0	0,0	#####	#####
scientific publications in other journals	0	#####	#####		#####	#####		#####	#####		#####	#####	0	0,0	#####	#####
publications in proc. of international scientific conferences	0	#####	#####		#####	#####		#####	#####		#####	#####	0	0,0	#####	#####
publications in proc. of nat. scientific conferences	0	#####	#####		#####	#####		#####	#####		#####	#####	0	0,0	#####	#####
active participations at international conferences	0	#####	#####		#####	#####		#####	#####		#####	#####	0	0,0	#####	#####
active participations at national conferences	0	#####	#####		#####	#####		#####	#####		#####	#####	0	0,0	#####	#####

### vi. Renormalized publications<sup>2</sup>

*Renormalized publications = number of CC publications in the given year times authorship's portion of the Organisation times the journal impact factor in 2005 divided by the median impact factor in the research field*

Renormalised publications	2003			2004			2005			2006		
	number	No. / FTE	No. / salary budget	number	No. / FTE	No. / salary budget	number	No. / FTE	No. / salary budget	number	No. / FTE	No. / salary budget
Renormalized publications	0	####	####	0	####	####	0	####	####	0	####	####

### vii. Standard manuscript page count<sup>3</sup>

Standard manuscript page count	2003			2004			2005			2006		
	number	No. / FTE	No. / salary budget	number	No. / FTE	No. / salary budget	number	No. / FTE	No. / salary budget	number	No. / FTE	No. / salary budget
page count	0	#####	#####	0	####	####	0	####	####	0	####	####

### viii. List of patents and patent applications

[1]

[2] ...

### ix. Supplementary information and/or comments on the scientific output of the Organisation

<sup>2</sup> This information is required only from the Organisations of the Section 2 of the Slovak Academy of Sciences.

<sup>3</sup> This information is required only from the Organisations of the Section 3 of the Slovak Academy of Sciences.

## 2. Responses to the scientific output

Table **Citations** shows specified responses to the scientific outputs; these entries are then divided by the FTE employees with a university degree (from Tab. Research staff) for all Organisation at the respective year; finally these entries are divided by the total salary budget (from Tab. Salary budget).

Citations	2002			2003			2004			2005			total			
	number	No. / FTE	No. / salary budget	number	No. / FTE	No. / salary budget	number	No. / FTE	No. / salary budget	number	No. / FTE	No. / salary budget	number	averaged number per year	av. No. / FTE	av. No. / salary budget
Web of Science	0	#####	#####	0	#####	#####	0	#####	#####	0	#####	#####	0	0,0	#####	#####
(specify Database 1)	0	#####	#####	0	#####	#####	0	#####	#####	0	#####	#####	0	0,0	#####	#####
(specify Database 1) ...	0	#####	#####	0	#####	#####	0	#####	#####	0	#####	#####	0	0,0	#####	#####
in monographs, conf. proceedings and other publications abroad	0	#####	#####	0	#####	#####	0	#####	#####	0	#####	#####	0	0,0	#####	#####
in monographs, conf. proceedings and other publications in Slovakia	0	#####	#####	0	#####	#####	0	#####	#####	0	#####	#####	0	0,0	#####	#####

### i. List of 10 top-cited publications and number of their citations in the assessment period

[1]

[2] ...

### ii. List of top-cited authors from the Organisation (at most 10 % of the research employees) and their number of citations in the assessment period

[1]

[2] ...

**iii. Supplementary information and/or comments on responses to the scientific output of the Organisation**

**3. Research status of the Organisation in the international and national context**

- **International/European position of the Organisation**

**i. List of the most important research activities documenting international importance of the research performed by the Organisation, incl. major projects (details of projects should be supplied under Indicator 4). Collective membership in the international research organisations, in particular within the European Research Area**

[1]

[2] ...

**ii. List of international conferences (co-) organised by the Organisation**

[1]

[2] ...

**iii. List of international journals edited/published by the Organisation**

[1]

[2] ...

**iv. List of edited proceedings from international scientific conferences and other proceedings**

[1]

[2] ...



- **National position of the Organisation**

- i. **List of selected most important national projects (Centres of Excellence, National Reference Laboratories, Agency for the Promotion of Research and Development (APVV/APVT), National Research Programmes, Scientific Grant Agency of the Slovak Academy of Sciences and the Ministry of Education (VEGA), and others)**

[1]

[2] ...

- ii. **List of national scientific conferences (co)-organised by the Organisation**

[1]

[2] ...

- iii. **List of national journals published by the Organisation**

[1]

[2] ...

- iv. **List of edited proceedings of national scientific conferences/events**

[1]

[2] ...

- **International/European position of the individual researchers**

- i. **List of invited/keynote presentations at international conferences, documented by an invitation letter or programme**

[1]

[2] ...

- ii. **List of employees who served as members of the organising and/or programme committees for international conferences**

[1]

[2] ...

**iii. List of employees who served as members of important international scientific bodies (e.g. boards, committees, editorial boards of scientific journals)**

[1]

[2] ...

**iv. List of international scientific awards and distinctions**

[1]

[2] ...

**• National position of the individual researchers**

**i. List of invited/keynote presentations at national conferences documented by an invitation letter or programme**

[1]

[2] ...

**ii. List of employees who served as members of organising and programme committees of national conferences**

[1]

[2] ...

**iii. List of employees serving in important national scientific bodies (e.g. boards, committees, editorial boards of scientific journals)**

[1]

[2] ...

**iv. List of national awards and distinctions**

[1]

[2] ...

**Supplementary information and/or comments documenting international and national status of the Organisation**

#### **4. Project structure, research grants and other funding resources**

- **International projects and funding**

- i. **List of major projects within the European Research Area – 5th and 6th Framework Programme of the EU, European Science Foundation, NATO, COST, INTAS, CERN, etc. (here and in items below please specify: type of project, title, grant number, duration, funding, responsible person in the Organisation and his/her status in the project, e.g. coordinator, principal investigator, investigator)**

[1]

[2] ...

- ii. **List of other international projects incl. funding**

[1]

[2] ...

- iii. **List of other important projects and collaborations without direct funding**

[1]

[2] ...

- **National projects and funding**

- i. **List of projects supported by the Agency for the Promotion of Research and Development (APVV/APVT), National Research Programmes, and their funding**

[1]

[2] ...

- ii. Number of projects supported by the Scientific Grant Agency of the Slovak Academy of Sciences and the Ministry of Education (VEGA) for each year, and their funding

VEGA	2003	2004	2005	2006
number				
funding (millions of SKK)				

• Summary of funding from external resources

External resources	2003	2004	2005	2006	total	average
external resources (millions of SKK)	0,000	0,000	0,000	0,000	0,000	0,000
external resources transferred to cooperating research organisations (millions of SKK)	0,000	0,000	0,000	0,000	0,000	0,000
ratio between external resources and total salary budget	#####	#####	#####	#####	#####	#####
overall expenditures (millions of SKK)	0,000	0,000	0,000	0,000	0,000	0,000

Supplementary information and/or comments on research projects and funding resources

## 5. Organisation of PhD studies, other pedagogical activities

i. List of accredited programmes of doctoral studies (as stipulated in the previously effective legislation as well as in the recently amended Act on the Universities)

ii. Summary table on doctoral studies (number of internal/external PhD students; number of students who completed their study by a successful thesis defence; number of PhD students who quitted the programme)

PhD study	31.12.2003			31.12.2004			31.12.2005			31.12.2006		
number of potential PhD supervisors												
PhD students	number	defended thesis	students quitted	number	defended thesis	students quitted	number	defended thesis	students quitted	number	defended thesis	students quitted
internal												
external												
supervised at external institution by the research employees of the assessed organisation												

iii. Postdoctoral positions supported by

a) *external funding (specify the source)*

b) *internal funding - the Slovak Academy of Sciences Supporting Fund of Stefan Schwarz*

**iv. Summary table on pedagogical activities in undergraduate programmes for each year**

Teaching	2003	2004	2005	2006
lectures (hours/year)				
practicum courses (hours/year)				
supervised diploma works (in total)				
members in PhD committees (in total)				
members in DrSc. committees (in total)				
members in university/faculty councils (in total)				
members in habilitation/inauguration committees (in total)				

**v. List of published university textbooks**

[1]

[2] ...

**vi. Number of published academic course books**

**vii. List of joint research laboratories/facilities with the universities**

[1]

[2] ...

**viii. Supplementary information and/or comments on doctoral studies and pedagogical activities**

**6. Direct output to the society**

**(applications of results, popularisation and outreach activities)****i. List of the most important results of applied research projects**

[1]

[2] ...

**ii. List of the most important studies commissioned for the decision-making authorities, the government and NGOs, international and foreign organisations**

[1]

[2] ...

**iii. List of the most important popularisation activities**

[1]

[2] ...

**iv. List of patents issued abroad, incl. revenues**

[1]

[2] ...

**v. List of the patents issued in Slovakia, incl. revenues**

[1]

[2] ...

**vi. List of licences sold abroad, incl. revenues**

[1]

[2] ...

**vii. List of licences sold in Slovakia, incl. revenues**

[1]

[2] ...

**viii. List of contracts with industrial partners, incl. revenues**

[1]

[2] ...

**ix. List of research projects with industrial partners, incl. revenues**

[1]

[2] ...

**x. Summary of outreach activities**

Outreach activities	2003	2004	2005	2006	total
studies for the decision sphere, government and NGOs, international and foreign organisations					0
articles in press media/internet popularising results of science, in particular those achieved by the Organization					0
appearances in telecommunication media popularising results of science, in particular those achieved by the Organization					0
public popularisation lectures					0

**xi. Supplementary information and/or comments on applications and popularisation activities**

**7. Background and management. Staffing policy and implementation of findings from previous assessments**



**i. Summary table of personnel**

Personnel	2003	2004	2005	2006
all personel				
research employees from Tab. Research staff	0	0	0	0
FTE from Tab. Research staff	0	0	0	0
averaged age of research employees with university degree				

**ii. Professional qualification structure**

Number of	2003	2004	2005	2006
DrSc.				
PhD / CSc.				
Prof.				
Doc./Assoc. Prof.				

**iii. Status and development of research infrastructure incl. experimental, computing and technical base (description of the present infrastructure, premises, and material and technical resources. Infrastructure, instrumentation and major technical equipment necessary for the achievement of the objectives specified in the research Concept)**

**iv. Status and development of bibliographic resources, activities of the Organisation's library and/or information centre**

**v. Describe how the results and suggestions of the previous assessment were taken into account**

**vi. Supplementary information and/or comments on management, research infrastructure, and trends in personnel development**

**Other information relevant to the assessment**