

NCP Experience report on performance monitoring of HORIZON 2020

based on a Meet & Exchange workshop “Performance monitoring of Horizon 2020”, organized in the frame of the NCP-Academy, Sep. 19, 2016, Vienna

includes

- lessons learnt/recommendations
- workshop agenda (Annex1),
- list of participants (Annex2)

Presentations and Flipchart-protocol available for download on:
<http://www.ncpacademy.eu/meet-and-exchange-workshop-performance-monitoring-of-horizon-2020/>

- **Introduction: Why this workshop?**

Knowledge on indicators of Horizon 2020 and the discussion of statistics for monitoring the performance of Horizon 2020 on a national level is an important element of the work of National Contact Points. Exchange of good practice among experts may help to get new inspiration for the daily work with statistical data and analysis. Against this background the NCP-Academy offered a Meet&Exchange Workshop which aimed at increasing the knowledge of NCPs on performance monitoring of Horizon 2020 both on European as well as on national level. The intention was to create a joint picture of challenges and good practises and to formulate action points for the future. In close cooperation with Alan Cross from the European Commission this Meet & Exchange workshop gave an overview on performance monitoring practises of Horizon 2020 discussing links to the work of National Contact Points.

Main target group were Coordinating NCPs and experts dealing with the monitoring of Horizon 2020. (see Annex 1 for the agenda). 32 participants from 23 countries took part at this workshop (see Annex 2 for the list of participants).

Based on the discussions during the event, this report summarises major lessons learnt & potential next steps in order to share the findings with the entire NCP community and the EC.

- **Major findings & next steps**

4 experiences reports and a subsequent panel discussion (Czech Republic, Sweden, Austria, Portugal, EC) gave insights into the handling of participation data on a national basis. Alan Cross gave some information on European H2020 monitoring aspects.

- ❖ Some statements reflecting the focus of the discussion (full presentations are available on <http://www.ncpacademy.eu/meet-and-exchange-workshop-performance-monitoring-of-horizon-2020/>):

“H2020 goals on national level are an important prerequisite for monitoring the national success based on several indicators.”

*“Publication of data in journals on national level is usual practice, but **data visualization tools are needed.**”*

*“Is the structure of the available **annual H2020 monitoring report** adequate? It lacks f.e. data on innovation.”*

*“**Decision takers** at universities **need participation data** to build their long-term strategy. They should be **empowered** to analyze the data by themselves.”*

*“The establishment of a **community of practice** on how to look together national and European data might be an idea”.*

*“Open data on the **outcome of projects** is necessary. More transparency is needed here”.*

*“There are **data quality problems with e-corda**. This needs to be addressed with the persons practically working with e-corda.”*

.....

- ❖ Based on the key question “What are the gaps in performance monitoring of Horizon 2020” five major subjects have been identified:

1. Shared add ons

- Centralised tool for statistical analysis of call results

The discussion showed that several countries develop very interesting tools for statistical analysis of the performance of Horizon 2020 based on the e-corda data. This includes also tools for graphical illustration and for better visualization of H2020 results. There is a joint need for better visualization of data and a more transparent access also for decision takers f.e. at universities (key words: interactive visualization, public access vs. restricted area, country cooperation, links to EUROSTAT etc.). It might be resource efficient if e-corda would provide such analysis and visualisation. A working group of experts should elaborate on the feasibility of a centralized tool for statistical analysis/visualization of call results. This should take place in close cooperation with EC/e-corda.

2. Missing data & Quality of data

- E-corda /correct and complete data
- ERA-NETs & Article 185
- Satellite Programs, eg. Cascading Funds
- JTI and further programs financially linked with H2020

As already well known, Member States and their statistical units do not have access to the full picture of results of Horizon 2020 and in particular to programs which are financially linked to it. Monitoring activities of initiatives like “ERA-Learn” are known and not sufficient. Furthermore the quality of data, released by e-corda provides room for improvement. Several hands-on areas for improvement have been identified. As a next step a joint picture of MS needs (in terms of data gaps and data quality gaps) should be drawn and discussed with the relevant persons at the EC. Talks with the EC persons who work with e-corda in practice should be initiated.

3. Data interpretation

- Interpretation of qualitative and quantitative data

The discussion focused on the practical use of data analysis with regard to the work of NCPs. As an example participation data can be used for strategic consulting formats supporting organisations in planning their participation strategies. The work with those statistics may improve the efficiency of NCPs. However, this requires human resources, access to data etc. and as an important prerequisite the commitment of national officials. Further the exchange on NCPs good practices on how to link data analysis with the work of NCPs is requested.

4. NCP-Systems

- low organization of NCP entities

NCPs face different levels of integration and access to data in different countries. NCP systems who do not receive information/analysis on country-specific H2020 participation cannot adapt their tasks to potential gaps or needs. NCPs should raise awareness on the added-value of information/data sharing, point out good practices in this context and offer to contribute to monitoring exercises. Aspects such as allocation of resources,

confidentiality, role of NCPs as experts in PC meetings should be taken into consideration.

5. Impact

- Real impact monitoring of projects

This topic focused on the need of not only monitoring the participation but also the impact of the funded projects. The provision of more/open data on the outcome/results/impact of funded projects is requested. More transparency is needed here. The establishment of a strategic program management may support the monitoring of the outcome of projects.

- ❖ **Next step:** A task force for further working on this topic should be established. This should be initiated in the frame of the NCP-Academy. NCPs, experts in H2020 performance monitoring should be part of the group. The group should work in close contact with the EC.

Annex 1 – Agenda

Agenda

10 am – 5 pm

Moderation: Birgit Baumann

9.30 Registration & coffee

10.00 Welcome

Andrea Höglinger | FFG Austrian Research Promotion Agency, Vienna

Overview on indicators and goals of Horizon 2020, Monitoring results of Horizon 2020, good performing areas and challenges, expected action points from NCPs

Alan Cross | European Commission

Questions & answers

Reflection of gaps identified and potential action points for NCPs

Contributions of all participants (Discussion groups)

Good practise reports on national monitoring of Horizon 2020

Josef Säckl | FFG Austrian Research Promotion Agency

Ana Mafalda Dourado | FCT Portuguese National Funding Agency for Science, Research and Technology

Daniel Frank, Technology Centre ASCR, Czech Republic

Linda Bell, Vinnova, Sweden

Exchange on national monitoring and identification of data gaps

Contributions of all participants (Discussion groups)

5 pm Next steps & closing

Annex 2 – List of Participants

Name	Organisation	Country
Alexandru Monica	National Authority for Scientific Research and Innovation	Romania
Alvarez-Bolado Elisa	CDTI - Ministry of Economy and Competitiveness	Spain
Arevalo Gonzalo	ISCIII	Spain
Asenov Dimitar	Ministry of Education and Science	Bulgaria
Auranen Eija	Tekes	Finland
Baumann Birgit	Businessmind	Austria
Bell Linda	Vinnova	Sweden
Bossi Monique	APRE	Italy
Cross Alan	EUROPEAN COMMISSION - DG RESEARCH AND INNOVATION	Belgium
Danerlov Katrin	Vinnova	Sweden
Dourado Ana Mafalda	FCT - National Funding Agency for Service, Research and Technology	Portugal
Fabri Anthea	Malta Council for Science and Technology	Malta
Frank Daniel	Technology Centre ASCR	Czech Republic
Hausz Frigyes	National Research, Development and Innovation Office	Hungary
Höglinger Andrea	FFG	Austria
Ioulianos Antonis	Research Promotion Foundation	Cyprus
Japuncic Manda	Agency for Mobility and EU Programmes	Croatia
KIM Hyong-Ha	Research Institute of Standards & Science	Republic of Korea
Klein Adrian	DLR	Germany
Klinkenberg Dominik	DLR Project Management Agency	Germany
Koutrokoï Maria	General Secretariat for R&T	Greece
Lambkin Imelda	ENTERPRISE IRELAND	Ireland
Laurent Frederic	French research ministry	France
Olsen Ulrik Kjølser	Agency for Science Technology and Innovation	Denmark
Questier Benjamin	Luxinnovation	Luxemburg
Säckl Josef	FFG	Austria
Siffrin Rene	DLR-PT	Germany
Skjoldan Petersen Anne-Mette	Agency for Science, Technology and Innovation	Denmark
Steininger Birgit	FFG	Austria
Tsoumpanou Lina	Research Promotion Foundation	Cyprus
Van Loon Tania	impulse.brussels	Belgium
Weisenburger Emmanuel	Ministère Enseignement supérieur et recherche	France