

The Development of a MELODI Policy for Education and Training

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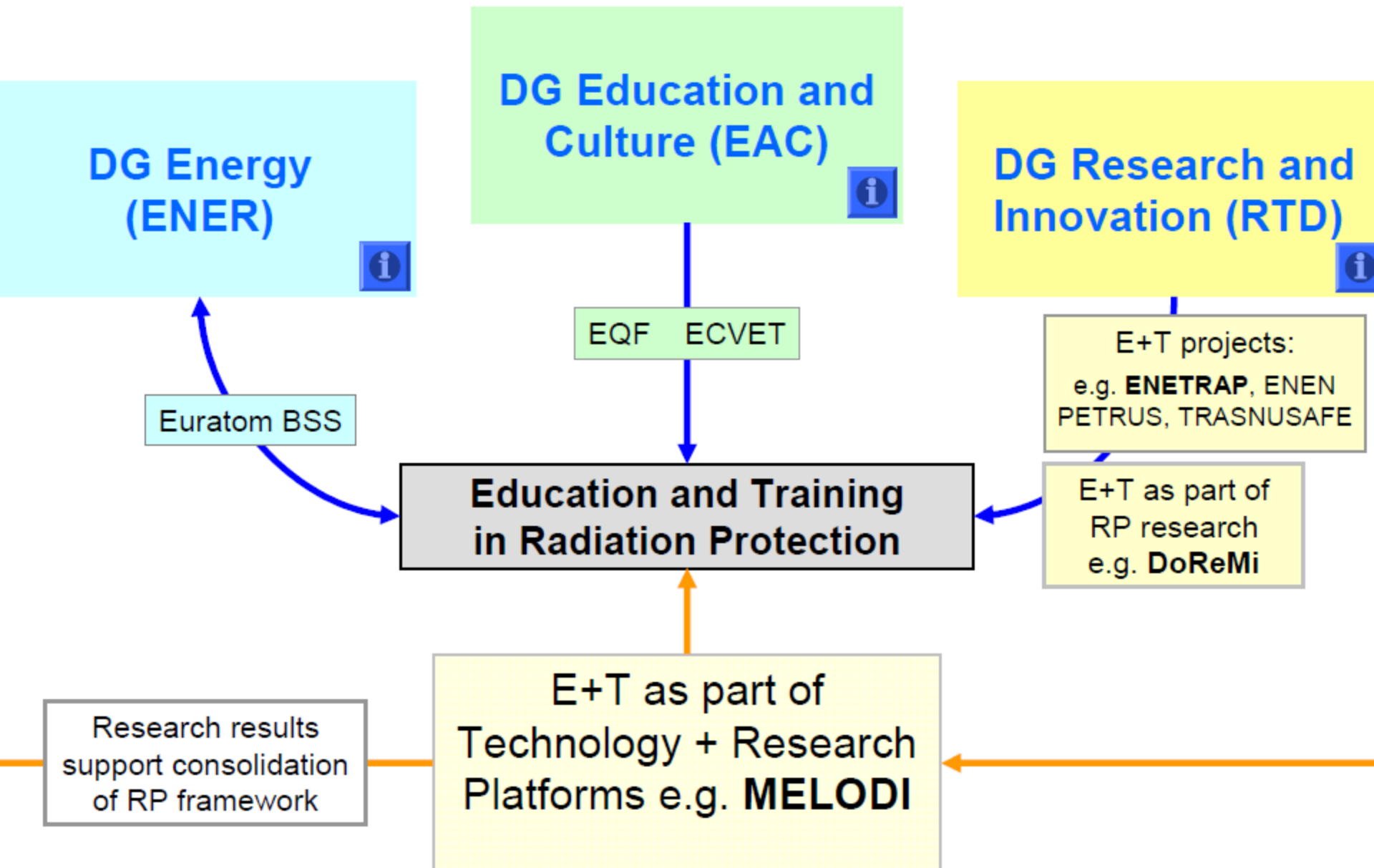


The Development of a MELODI Policy for E&T

MELODI E&T Strategy should be based on

- E&T needs (academic and vocational) in the low dose area
- In cooperation with other E&T projects in FP7 and Horizon 2020
- In cooperation with E&T activities of other EC research and technology platforms
- In line with E&T requirements of the draft Euratom BSS

Education and Training in Radiation Protection



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DG Energy - Euratom BSS (Draft of 31 May 2012)

Chapter IV: Requirements for radiation protection education, training and information

*Member States shall establish an adequate legislative and administrative framework for providing appropriate **radiation protection education, training and information** to all individuals whose tasks require specific **competences in radiation protection**. The training, **retraining** and information of relevant individuals shall be repeated at appropriate intervals and documented.*

*Member States shall establish education, training and retraining to allow the **recognition of radiation protection experts, medical physics experts, occupational health services, and dosimetry services**.*



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DG Research and Innovation - Euratom Programme

FP7



Parts of Horizon 2020 are based on the Euratom Treaty, therefore, Horizon 2020 is complemented by the

Council Regulation Euratom Programme 2014-2018

COM (2011) 812 final, 30 Nov 2011



Euratom Programme - Horizon 2020

- General objective: to improve nuclear safety, security and **radiation protection** and to contribute to the long-term decarbonisation of the energy system in a safe, efficient and secure way
- One of the specific objectives: to **foster radiation protection**, considered as one of the cross cutting activities
- Another specific objective: to foster knowledge management, **education and training**

Education and Training Activities – Low Dose Research

Good start :

A number of short courses sponsored by **DoReMi** have already successfully been carried out

More to do:

⇒ need for a strategy and a clear vision on education and training within the framework of the **MELODI Platform**.

⇒ need for a structured approach and good coordination of training activities to support the overall aim of MELODI, the consolidation of the scientific evidence in the area of low dose radiation exposures.

Set up **MELODI Working Group on E&T**

- to develop programmes for E&T activities (academic and vocational) accompanying low dose research
- to establish links to E&T activities of other european projects, networks and platforms
- to recommend E&T priorities in line with Euratom BSS Euratom framework programme and other relevant European programmes

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MELODI Working Group on E&T

In this context a number of issues have to be discussed:

- Which disciplines and topics do we need to promote, what type of courses, curricula, and continuous professional development (CPD) activities do we need in the coming years,
- How to match demand with supply,
- What are the national and European training needs and how will they develop in the future,
- Funding of E&T activities as an integral part of the Euratom research programme.

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MELODI Working Group on E&T

Further questions have to be taken into consideration:

- How may MELODI training activities contribute to building and maintaining competence and to continuous professional development in low dose research and radiation protection?
- How may MELODI training activities contribute to EU political goals, such as developing and implementing energy and health policies to meet future challenges?
- What impact on regulatory practice regarding radiation protection may MELODI results and training activities have? (This is one of the performance indicators of the Council Regulation)
- What is the added value for Europe in terms of borderless mobility and lifelong learning?
- Develop strategy and vision on education and training activities and include this in the MELODI vision statements

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Education and Training Activities - MELODI

There are a vast number of activities and projects in education and training on the European level.

=> MELODI: keep an eye on new developments in this area

The Commission has developed the European Qualification Framework (EQF) and the ECVET tool to support their policy on borderless mobility and lifelong learning.

=> MELODI: develop a strategy in line with these policies

Cooperation with other platforms and stakeholders

It has been pointed out several times by DG Research that cross cutting issues, such as for example education and training activities, in particular in radiation protection, should be carried out by cooperating with, where possible, or by informing the other platforms, in particular SNETP, IGDTP and MELODI of relevant activities and projects.

- MELODI: Keep in touch with, or better, **cultivate a relationship with other platforms** (invite them to project activities workshops, training events, etc)
- **Optimise the communication and dissemination of results** by stakeholder involvement in MELODI activities.

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Education and Training Activities - MELODI

New education and training platforms are emerging.

One example is the European Platform of Universities Engaged in Energy Research, Education and Training (EPUE). At present, over 160 European universities with research and training capacity in the energy field, ranging from science, engineering and technology to bio-sciences, medical/life sciences and economics have indicated their willingness to join the EUA-EPUE Platform.

- MELODI: Keep in touch with education and training platforms, projects and European networks.

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Thank you for your attention !