



Work package 3 – Education and Training

Education and training (E&T) is essential to any successful scientific research programme. Nowhere is this truer than for the ambitious plan for understanding and evaluating the risks from low-level exposure to ionising radiation, initially drawn up in [a report by the High Level Expert Group](#) in 2009. The plan calls for decades of dedicated work by a highly skilled and innovative workforce, incorporating cutting-edge technologies and new scientific disciplines. But according to the report: “Many EU member states have lost key competences and are no longer capable of independently retaining their current research activities in radiation sciences”

As part of the overall strategic plan laid out by HLEG, clearly E&T has a vital role to play. Indeed, only through a well-resourced programme of E&T will it be possible to:

- Ensure top-level students are attracted into an area of science that is possibly not considered as popular as the more fashionable topics including the word “nano-”, “quantum”, etc. The E&T initiatives must be integrated with research programmes so that the best students are provided with career opportunities to become the next leaders in the field.
- Ensure that as new technologies and disciplines arise they can be exploited by the low-dose research community by the provision of targeted training courses. Training is also needed to facilitate access to new infrastructures where these offer new avenues of research but require specialised knowledge.
- Ensure that the E&T resources in Europe, which are concentrated in just a few centres of excellence, are used to the greatest effectiveness by pooling and integrating facilities and encouraging collaborative educational initiatives.
- Ensure that sustainable support is provided for E&T as an integral part of on-going research funding at the national and international levels.

Work package 3 of DoReMi has the task of determining how best to satisfy all of the above needs. Task 3.1 has begun by consulting with the European research E&T community to find out what the present situation is with respect to available resources and requirements. Task 3.2 has been involved in setting up courses, and investigating the potential for instigating multi-institutional multi-national degree courses. Tasks 3.3 and 3.4 are concerned with maintaining the E&T support that is prescribed by the HLEG plan beyond the finish of DoReMi.

For more information, see the [DoReMi Education and Training](#) web pages.

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Infrastructures

The Infrastructures -section of the DoReMi website has been updated with information related to irradiation facilities available among DoReMi partners, Databases & Biobanks covering both human and animal radiation exposure/contamination studies as well as a variety of analysis platforms. More information available [here](#).

Subscription info

DoReMi Newsletters are published roughly every three months. They are sent to subscribers and published on DoReMi website. If you wish to receive the DoReMi Newsletters directly by email, please subscribe by sending a message to doremi@stuk.fi.

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The DoReMi consortium wishes you all

Merry
Christmas
and
Happy New Year
2013

DoReMi and related events

Future events

- **EPR-Biodose International Conference** will be held in Leiden, The Netherlands on 24–28 March 2013. More information available [here](#).
- DoReMi Epigenetics Workshop: **Contribution of epigenetic mechanisms that influence susceptibility to radiation-induced cancer** will be organised on 24–26 April 2013 in Stockholm, Sweden. More information available [here](#).

Highlights and interesting documents available

- [The DoReMi Scientific Information Centre](#) is now open. You will find there new DoReMi [Original research articles](#), [Review articles](#), Meeting reports as well as DoReMi-related News and publications resulting from other projects and sources. More information available [here](#).

