

Workpackage 6: Access to infrastructures

Task 6.1 Promote the visibility of selected research infrastructures

Brit Salbu

Norwegian University of Life Sciences/CERAD CoE

Objectives



One of the roles of the EURATOM Framework Programme within Horizon 2020 is to:

- **support the access to state-of-the art research infrastructures.**

Infrastructure includes so-called “large infrastructures” such as

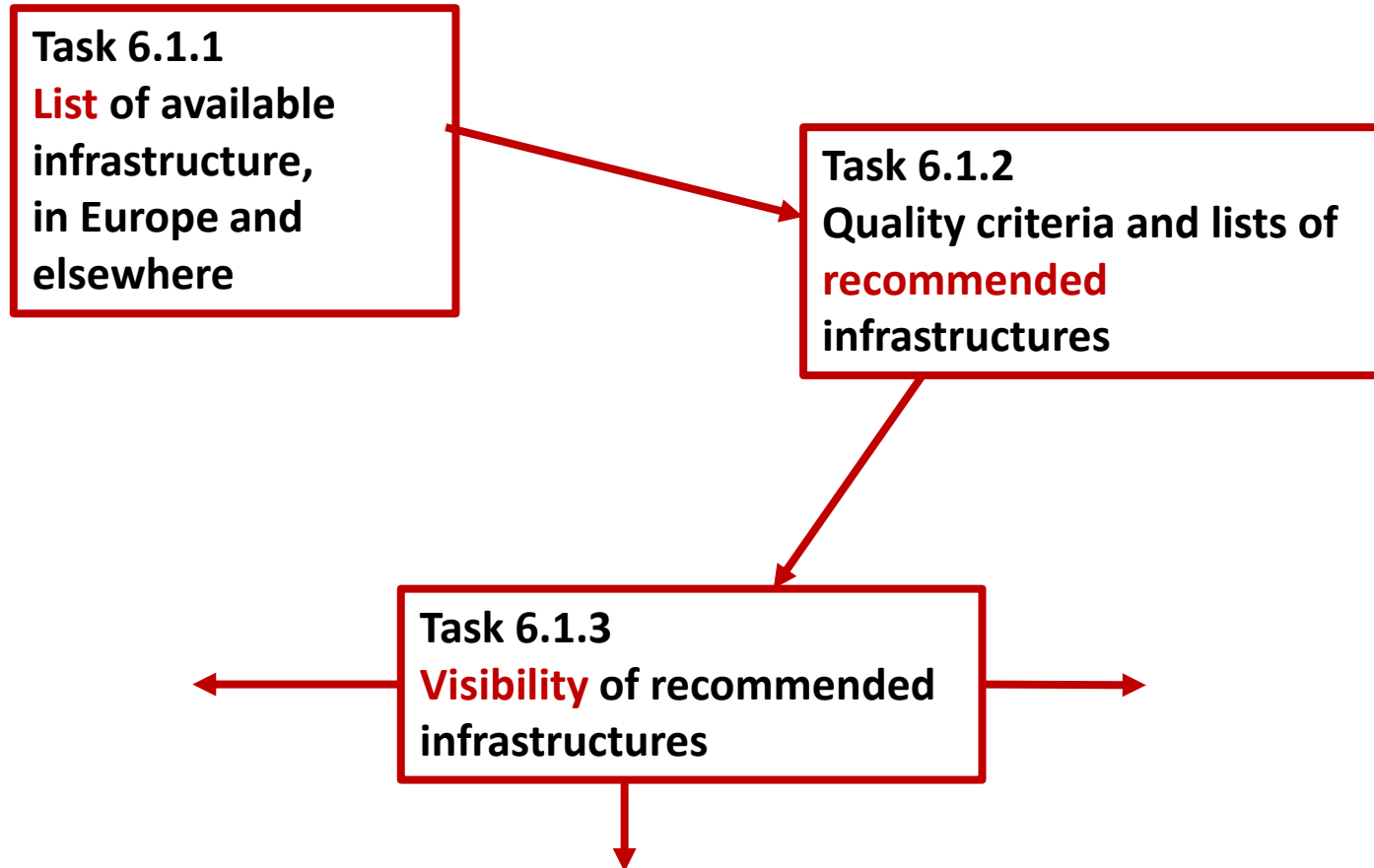
- exposure facilities for animal and plant experiments (both laboratory and field facilities),
- epidemiological cohorts,
- biobanks,
- databases and
- analytical platforms (including e-infrastructures)
- **etc**

Description of work



**Task 6.1 Promote the visibility of selected research infrastructures
(Lead: NMBU; Partners: IRSN, CIEMAT, CEA, ExB members)**

- **Subtask 6.1.1 Listing the infrastructures (Lead: IRSN; Partners: CIEMAT, CEA, ExB members; LTP: NMBU)**
- **Subtask 6.1.2 Develop and update quality criteria and lists of recommended infrastructures (Lead: CIEMAT; Partners: IRSN, CEA, ExB members, LTP: NMBU)**
- **Subtask 6.1.3 Increase the visibility of recommended infrastructures (Lead: CEA; Partners: IRSN, CIEMAT, ExB members, LTP: NMBU)**



Almudena

The floor is yours

Subtask 6.1.1 Listing the infrastructures (Lead: IRSN; Partners: CIEMAT, CEA, ExB members; LTP:NMBU)

DoReMi, STAR/COMET and MERIL and in surveys:

- lists of relevant large infrastructures were generated.
- These lists will be further extended, to include infrastructures from non-EURATOM countries such as Japan.
- To best meet the needs of the radioprotection community, the listing of large infrastructures may need to go beyond Europe for
- both external and internal exposure,
- combined exposures, including those for animal and plant
- experiments (both laboratory and field facilities),
- epidemiological cohorts,
- biobanks,
- databases and
- analytical platforms (including e-infrastructures).

Subtask 6.1.2 Develop and update quality criteria and lists of recommended infrastructures (Lead: CIEMAT; Partners: IRSN, CEA, ExB members, LTP: NMBU)

will focus on the development and updating of quality criteria for each of the infrastructure types including

- *Irradiation facilities for External Exposure*
- *Irradiation facilities for Internal Exposure*
- *Observatory Sites/Combined Exposures (internal and external)*
- *Existing epidemiological cohorts and biobanks for Modelling studies*
- *Molecular epidemiological studies*
- *Prospective collections*
- *Databases*
- *OMICS" platforms*
- *Biodosimetry platforms.*

Subtask 6.1.3 Increase the visibility of recommended infrastructures (Lead: CEA; Partners: IRSN, CIEMAT, ExB members, LTP: NMBU)

- It is imperative to develop the means to better inform the radiation protection research community
- of those facilities that are best adapted to their research needs. To increase the visibility of
- recommended infrastructure, built on the experience of DoReMi, a quarterly newsletter will be
- published, each highlighting a specific type of infrastructure. These will then be published as a web-
- Handbook. Furthermore, the existing websites in the radioprotection domain will be evaluated with
- an eye towards using a new website.