Workpackage 6: **Access to infrastructures**

Task 6.1 Promote the visibility of selected research infrastructures

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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)
Task 6.1.1
List of available infrastructure, in Europe and elsewhere

Task 6.1.2
Quality criteria and lists of recommended infrastructures

Task 6.1.3
Visibility of recommended infrastructures
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.