



## Towards a Joint Programming on Radioactive Waste Disposal

# The JOPRAD Project: A step towards a Joint Programming on Radioactive Waste Disposal RD&D



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MUTADIS





## The three actors involved in the JP

- The WMOs are represented in the JOPRAD project through the IGD-TP which is the body in charge of coordinating RD&D needs of the implementers at the European level
- The TSOs are represented, in the JOPRAD project through the SITEX project. The term « Technical Support Organisation » has to be interpreted as a generic term referring to organisations fulfilling an « expertise function » as defined by SITEX members, i.e. carrying out activities aimed at providing the technical and scientific basis for notably supporting the decisions made by the national regulatory body.
- Research Entities needs are represented in this project through the CNRS, they may be research agencies, research institutes, universities, programmes...



# Key features of a CSA proposal submitted

## September 17, 2014

### *Objective*

- The aim of this project is to prepare the setting up of a “Joint Programming on Radioactive Waste Disposal” that would be established to coordinate at the European level, national research programmes and the associated research and development (R&D) activities on geological disposal for high activity long lived radioactive waste
- This action includes reviewing of all strategic aspects linked to a stepwise move towards a Joint Programming in this field.





# Key features of a CSA proposal submitted September 17, 2014 (Cont.)

## *Name of the project*

- It is proposed: “JOPRAD” standing for “Towards a European Joint Programming on Radioactive Waste Disposal”

## *Duration of the project*

- It is envisioned that the project will last 30 months. It will include a mid-term event (Workshop) gathering all stakeholders after 15 months and a final Workshop.



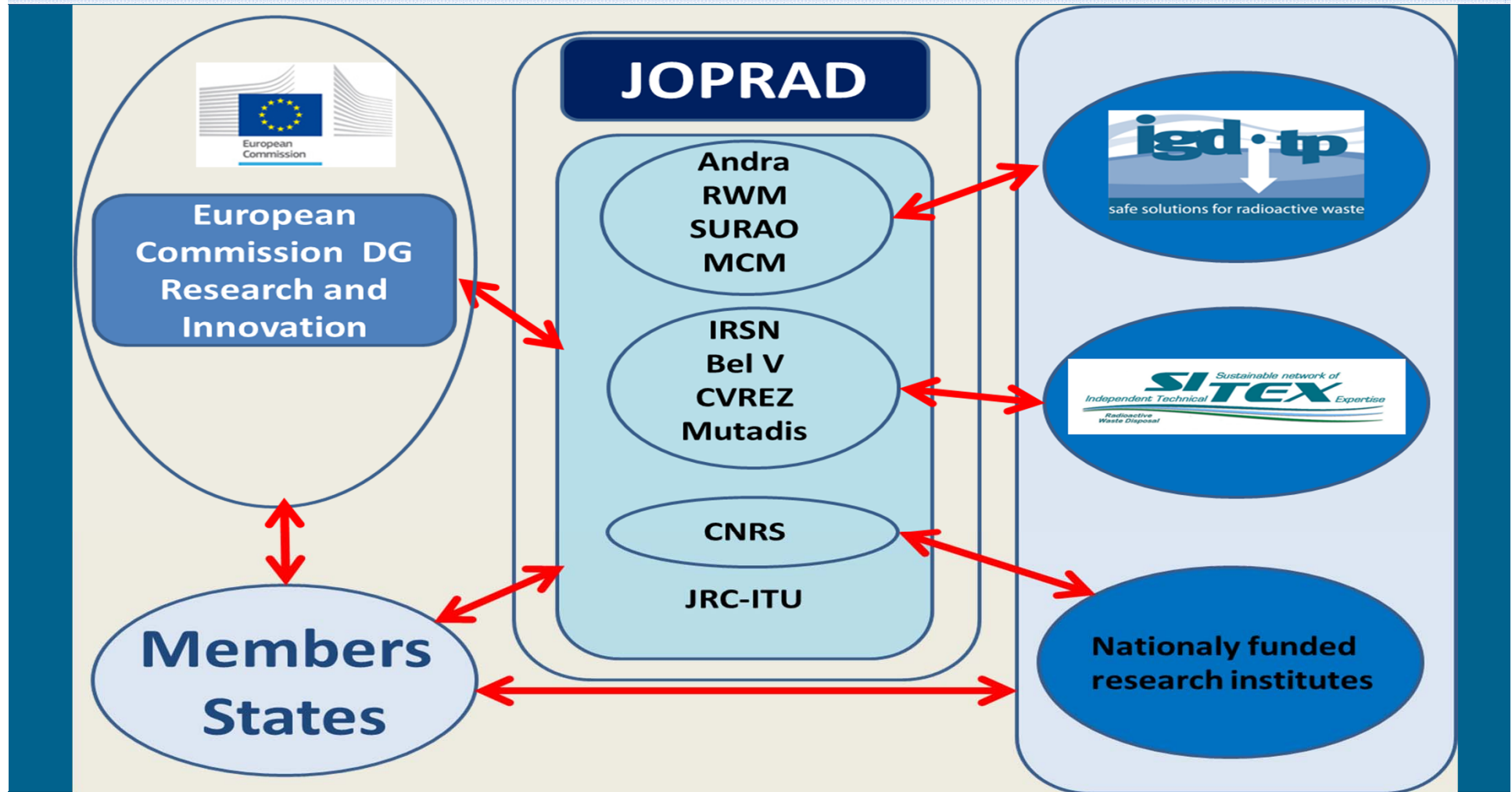
# Key features of a CSA proposal submitted September 17, 2014 (Cont.)

## *The consortium*

- The consortium set up for this project comprises implementers and consultants involved in the IGD-TP (Andra, RWM, SURAO, MCM), representatives of the SITEX Project (IRSN, Bel V, CVREZ, Mutadis), the CNRS and JRC
- In order to guarantee its efficiency, the size of this group has been minimised; each participant will liaise through the existing structures
- However, participation in the JOPRAD project does not imply commitment of the participant or its member state to joint programming



# Organisation of the project





# Overall approach

The project will coordinate preparatory activities of a JP and will support the capacity-building process, with the aim of increasing the efficiency of the research work. Its main activities will be:

- Engage the Member States in the project and obtain their support,
- Define and formalize a “Programme Document” covering the key issues of the implementation of geological disposal projects, and the remaining uncertainties related to the safety assessment.
- Carry out a study aimed at proposing the conditions and modalities of the implementation of a JP. This will include the means of the “Civil Society Organisations” in order to ensure the public priorities to be duly taken into account, in accordance with the Council Directive 2009/71/EURATOM of 25 June 2009





## The three steps of the project

- Considering the Council Directive (2011/70/Euratom) in their respective countries, the first step of this project will be, to engage a discussion with Member States representatives in order to clarify the organisation of their national R&D
- The second step will be to identify existing (or under development) research programmes or research agendas that could contribute to the identification of common scientific objectives and activities
- The third step will be to draft the joint “Programme Document” that should be the technical background of the Joint Programming.





# Outcomes of the project

The outcomes of the project will be:

- A preliminary evaluation of a potential in-kind and financial commitment of Member States through their identified mandated actors
- A “Programme Document” consisting of large programmes focused on key priorities of WMOs, TSOs side and Research Entities. In addition, the “Programme Document” may integrate the various needs whatever the time scales for implementation
- A “Summary report” comprising a proposal for the implementation of this Joint Programming including the legal framework, the Terms of Reference, the rule of procedures and the bylaws

**At the end of the project, the ministries, the potential JP participants and EC will decide if they want to move forward for a JP.**



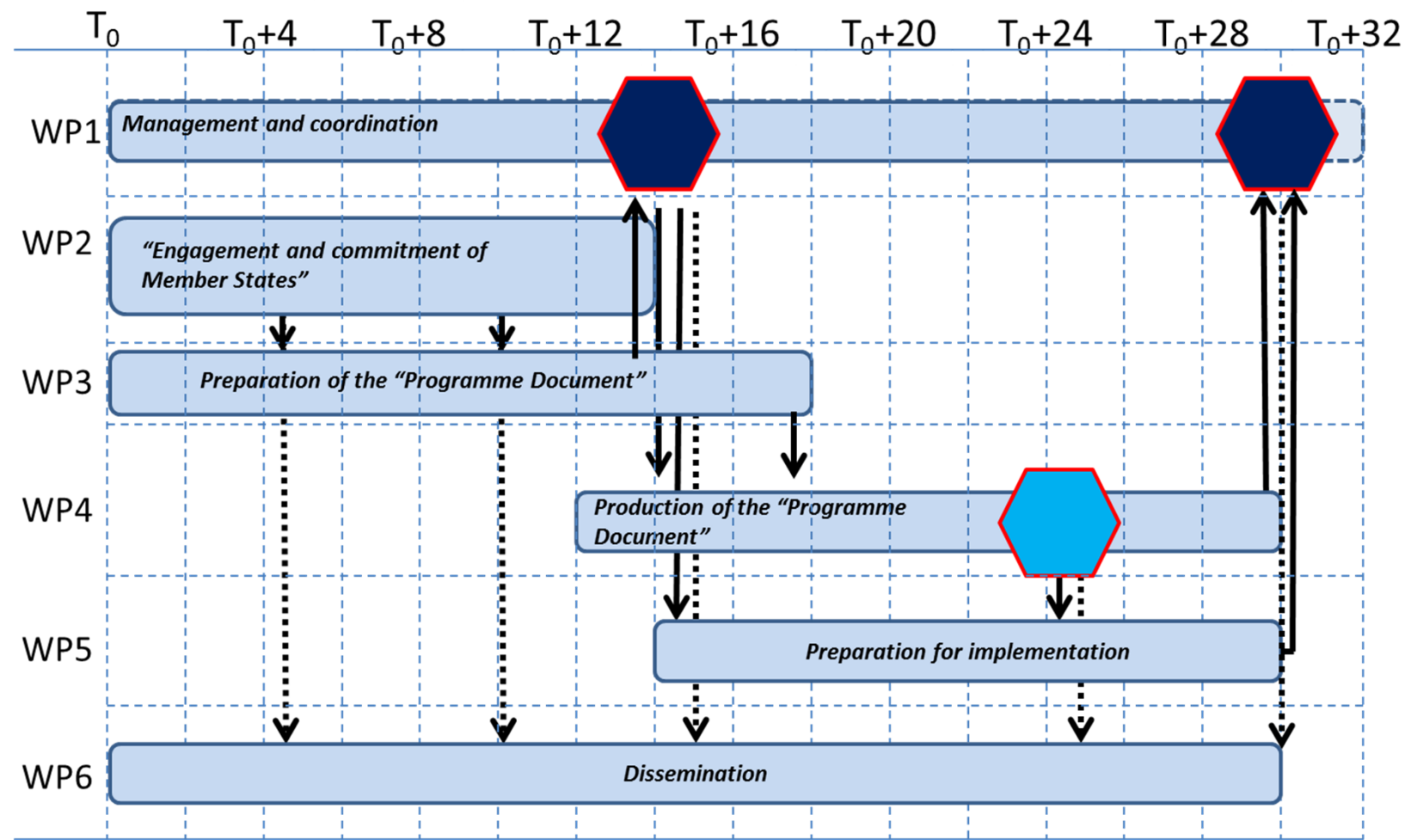
# Work packages

The Project consists of one management action (WP1) and 5 support actions (WP2 to WP6)

- work package 1 – Management and coordination
- work package 2 – Engagement and commitment of Member States
- work package 3 – Preparation of the “Programme Document”
- work package 4 – Production of the “Programme Document”
- work package 5 – Preparation for implementation of the JP
- work package 6 – Dissemination



# Work packages





# Work package 1 "Management and coordination"

