

JOPRAD

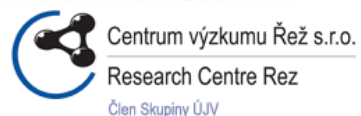
objectives, structure, outcomes

Regional Meeting 03/02/2016

Jacques Delay, JOPRAD Coordinator



This project has received funding from the Euratom research and training programme 2014-2018 under grant agreement n° 653951



SÚRAO | SPRÁVA ÚLOŽIŠT
RADIOAKTIVNÍCH
ODPADŮ



MUTADÍS



The idea of Joint Programming

- The Joint Programming will contribute to the EU objective of building the European Research Area through enhanced cooperation and coordination of national research programmes
 - The aim of the JOPRAD Project is to study the feasibility of a proposal for the setting up of a “Joint Programming on Radioactive Waste Disposal”
- The Joint Programming would bring together at the European level, those aspects of R&D activities implemented within R&D programme associated to the national programme where synergy from Joint Programming is identified
 - The Member States are responsible for the implementation of national programme
 - Member States are the “programme owners”
- The Joint Programming should be strongly and formally supported by the Member States
 - The programmes are financed by « programme owners » and « programme managers »
 - The programmes are operated by « programme managers »



The issue of “Programme managers” and “Programme owners”

- The “programme owners” and “programme managers” are nationally mandated actors of research (“mandated actors”)
 - They are financing and operating R&D on geological disposal in their respective countries
- In this project:
 - The “programme owners” are the ministries in charge of the setting up of the national programmes
 - The “programme managers” are organisations carrying out research
- The “programme managers” are falling in three categories:
 - Waste Management organisations (“WMOs”)
 - Technical support organisations (“TSOs”), and
 - Nationally funded Research Entities under the responsibility of Member States (“Research Entities”)



The actors involved in the JOPRAD Project

- WMOs are represented in the JOPRAD project mainly 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 mainly through the SITEX project
 - The term « Technical Support Organisation » has to be interpreted as a generic term referring to organisations fulfilling an « expertise function », 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...
- JRC-ITU



This project has received funding from the Euratom research and training programme 2014-2018 under grant agreement n° 653951

3 February 2016



Objectives of the JOPRAD Project

- The aim of the JOPRAD Project is to study the feasibility of a proposal for the setting up of a “Joint Programming on Radioactive Waste Disposal “
 - ✓ Such Joint Programming would bring together at the European level, those aspects of R&D activities implemented within national research programmes where synergy from Joint Programming is identified
 - ✓ The aspects of R&D activities brought together concern geological disposal of spent fuel and other high activity long lived radioactive waste, including waste management aspects linked with their disposal and accompanying key activities (Education and Training, as well as Knowledge Management)
- It is understood that a Joint Programming could embrace all research-relevant issues and will not be restricted to any particular sub-area.



This project has received funding from the Euratom research and training programme 2014-2018 under grant agreement n° 653951

3 February 2016



Key features of the JOPRAD Project

Name

- “JOPRAD” standing for “ Towards a European Joint Programming on Radioactive Waste Disposal”

Duration of the project

- The project will last 30 months

Key milestones of the project

- Mid-term workshop to decide if there is sufficient interest in the Joint Programming (month 15 of the project)
- Programme workshop for the definition of the programme and activities (month 24 of the project)
- Final Workshop to decide to move towards a Joint programming (month 30 of the project)



This project has received funding from the Euratom research and training programme 2014-2018 under grant agreement n° 653951

3 February 2016



Key features of the JOPRAD Project (cont.)

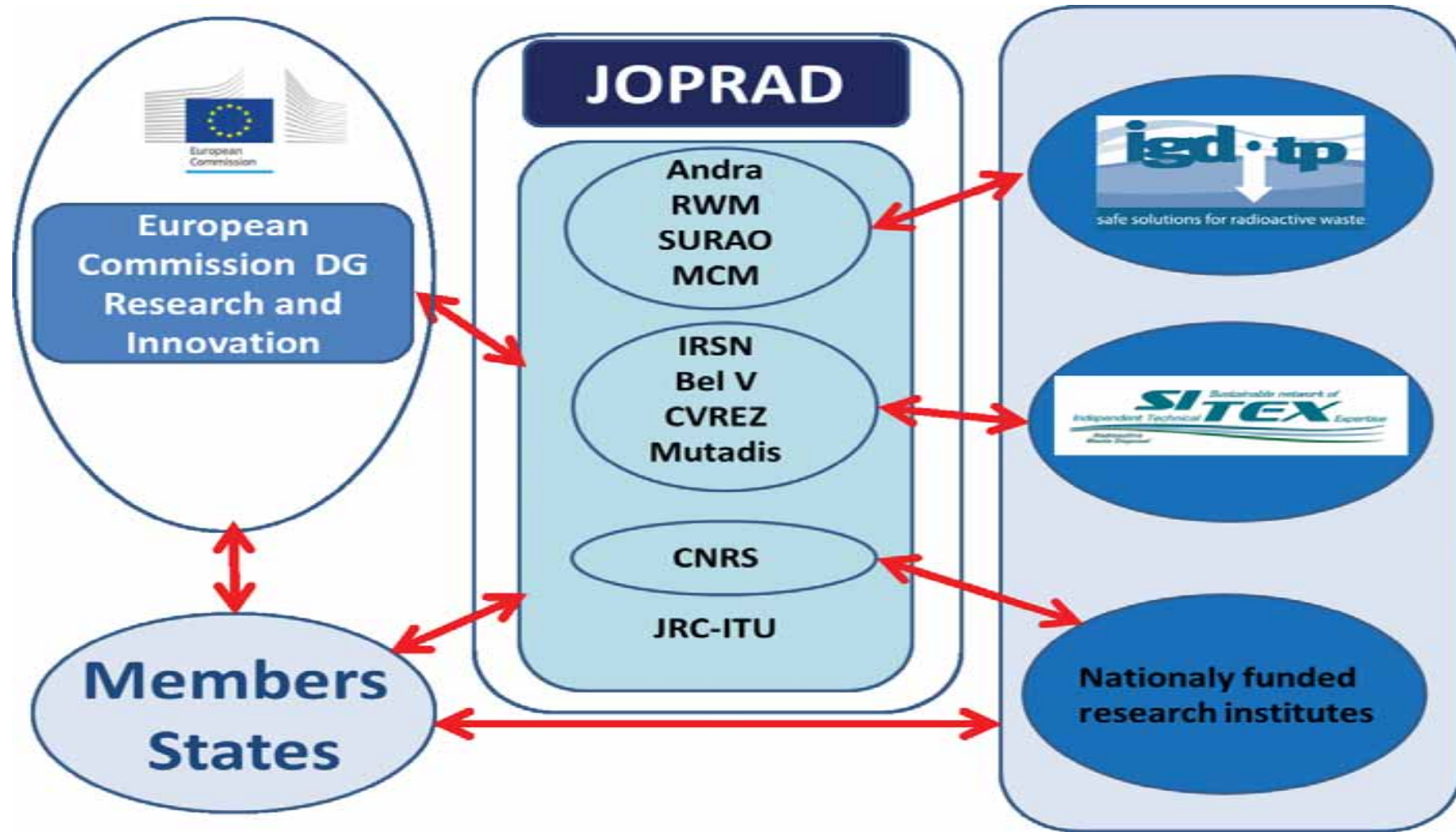
- The consortium comprises:
 - Implementers and consultants involved in the IGD-TP (Andra, RWM, SURAO, MCM)
 - TSOs & representatives of the SITEX Project (IRSN, Bel V, CVREZ, Mutadis)
 - The CNRS and
 - JRC-ITU
- In order to guarantee its efficiency, the size of this group has been minimised
 - Each 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



This project has received funding from the Euratom research and training programme 2014-2018 under grant agreement n° 653951

3 February 2016

Organisation of the project



The three steps to build the Joint Programming

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



Outcomes of the JOPRAD project

The outcomes of the project will be:

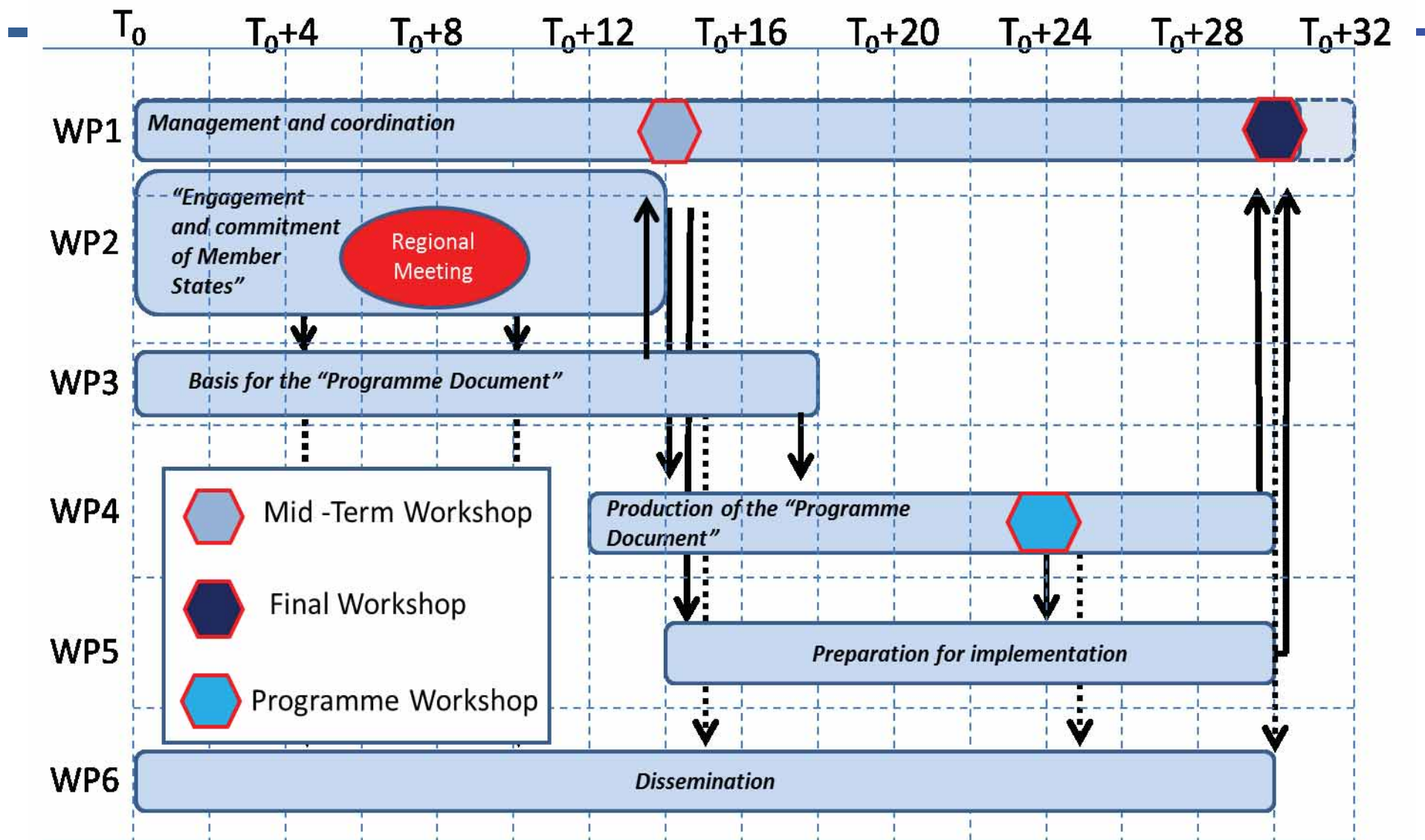
- A preliminary evaluation of a potential in-kind and financial commitment of Member States in activities of the Joint Programming through their identified “mandated actors”
- A “Programme Document” focused on key priorities of WMOs, TSOs side and Research Entities. The “Programme Document” should contain a long term perspective vision as well as activities to be implemented in the first Joint programming
- A “Report - overall scheme of a JP” comprising a proposal for the implementation of this Joint Programming including the legal framework

At the end of the JOPRAD project, the ministries, the potential Joint Programming participants and EC will decide if they want to move forward for a Joint Programming





Work package breakdown



This project has received funding from the Euratom research and training programme 2014-2018 under grant agreement n° 653951

3 February 2016



Work Package 2: Engagement and commitment of Member States (1)

Objectives

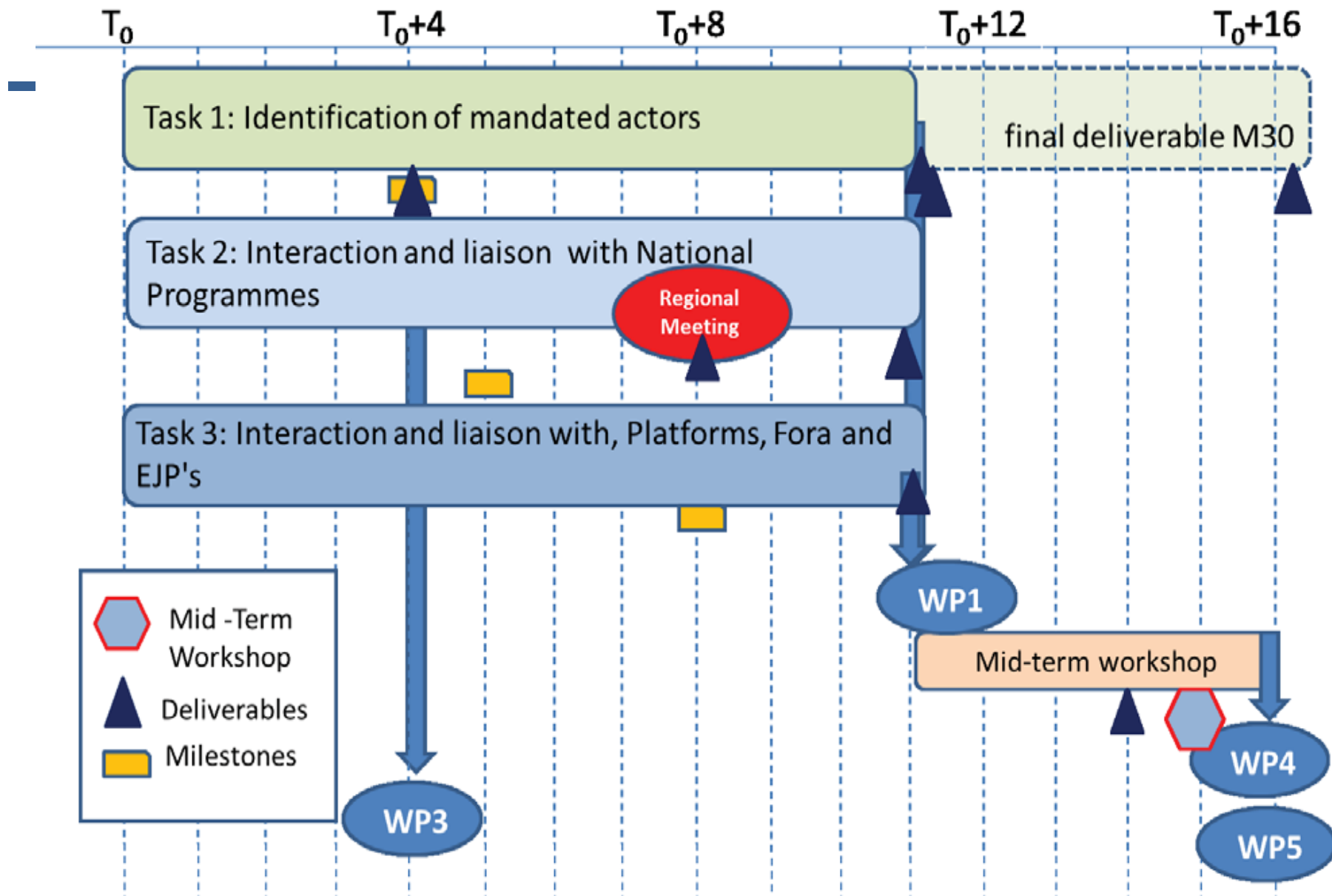
- Engage and commit Member States in the process of moving towards JP, including identifying potential mandated “programme managers”
- Three tasks
 - Identification of mandated actors through the EURATOM fission committee delegates - Mail N°1 to EURATOM delegates
 - Interaction with National Programmes – Mail N°2 to EURATOM delegates
 - Interaction with other fora and platform (e.g. radioprotection/ CONCERT)



This project has received funding from the Euratom research and training programme 2014-2018 under grant agreement n° 653951

3 February 2016

WP2: "Engagement and commitment of Member States"



Work Packages 2 Engagement and commitment of Member States (2)

Main deliverables:

- List of “potential mandated actors” that will serve as a basis to establish the participants to the Joint Programming
- Documentation on the specific missions of WMOs and TSOs in Europe
- Lessons learned from other Joint Programming Initiatives (EUROFUSION, CONCERT...)
- Preparatory document for the Mid-Term workshop
 - “Vision for Joint Programming Initiative”

Conclusions: Criteria for success

- Keep Member State support
 - ✓ Mandate organization and set up a national coordination
- Keep strictly in line with the Waste Directive:
 - ✓ Establish national programmes and perform RD&D activities to implement technical solutions for the management of all types of radioactive waste from generation to disposal (Including geological disposal)
 - ✓ independence of actors and transparency
- Maintain IGD-TP's vision and SITEX goals
- Keep the structure as simple as possible



Conclusions: way forward

If there is setting up of an Joint Programming (Future H2020 WP)

- Specific legal structure managing it, with a scheme to be defined (EJP, ERANET...)
- Budget resources and funding scheme to be clearly oriented toward identified activities



Thank You !

The Joint Programming



TSOs

WMOs

JRC

Research Entities

European Commission



This project has received funding from the Euratom research and training programme 2014-2018 under grant agreement n° 653951

3 February 2016