

Benefits/Added Value of Joint Programming

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Benefits/Added Value of RD&D in RWM

- Research, development and demonstration (RD&D) activities in Radioactive Waste Management (RWM) are needed to
 - ✓ achieve a sufficient level of system understanding to allow an adequate evaluation of safety through the life cycle of repositories
 - ✓ develop and optimise RWM technologies

- All Member States must prepare RD&D plans in agreement with Council Directive EURATOM/2011/70, Article 12 (1,F)

- The main aim of Joint Programming is to bring together at the European level those aspects of RD&D activities implemented within national research programmes where synergy is identified

Who is interested in Joint Programming?

- Participants to Joint programming
 - ✓ Programme managers
 - Waste Management Organisations
 - Technical support organisations supporting National Regulatory Authorities
 - Research Entities financing and operating research in the field of Radioactive waste disposal
 - ✓ Civil Society Organisations
- Other Interested parties
 - ✓ Programme owners - government /ministries
 - ✓ National Regulatory Authorities designated in the field of regulation of the safety of spent fuel or radioactive waste management
- European Commission

Benefits/Added Value for EC

- Excellent science
- Contribution to the European Research Area
- Increase the efficiency of use of resources
- Inclusiveness for all the actors in the domain
- Facilitate access and participation of Less Advanced Programmes

Benefits/Added Value for Programme Owners

- Contribute to compliance with Waste Directive requirements
- Increase in competence : increase the efficiency of the national research effort by sharing research efforts with other European research organisation
- Increase in resources : increase the efficiency of the national research effort by having access to complementary funding

Benefits/Added Value for Programme Managers (1)

- Build a shared vision on the programming and on research priorities recognizing as well specific national issues
- Providing an accessible knowledge base for all stakeholders
- Better use of available financial and human resources



Benefits/Added Value for Programme Managers (2)

- Develop overall system understanding
- Develop leading edge science shared by large scientific community
- Sharing expertise
- Improve education and training
- Get access to experimental facilities



Benefits/Added Value for National Regulatory Authorities

- Implement a transparent collaborative research framework that reinforces TSO's capacities whilst not compromising their independence
- Improved decision making process with a view to improving the quality of the safety case review
- Ensuring that regulatory expectations are clearly interpreted and understood
- Improved communication between all actors of research



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Benefits/Added Value for less advanced programmes

- Contribute to effective structuring of research by providing assistance to MLAPs in identifying topics that need further development
- Access to credible, verifiable, up-to-date scientific understanding shared by large scientific community
- Access to experimental facilities, not available in small Member States
- Optimize radioactive waste management programmes using knowledge acquired by advanced programmes
- Conduct expensive long term experiments with lower costs



Benefits/Added Value for Civil Society

- Improve the decision making process in compliance with Aarhus and Espoo convention
- Allow CSOs to involve themselves in and influence the decision making process
- Improve general public information

Improved financial gearing of EU supported research

- Future arrangement will be tangibly better than the current ones with respect to:
 - ✓ “Mandated Actors” needs
 - ✓ Administration cost will not exceed a clearly defined maximum
 - ✓ Lower cost of joint experiments
 - ✓ Lower costs for projects preparation
 - ✓ Lower EC administration costs

Conclusion

- Joint Programming can be a useful and effective tool for supporting National Waste Management Programmes and to respond to the needs of different Programmes with their different implementation levels as well implementation schedules
- Joint Programming will provide a unique opportunity to further develop and maintain skills and expertise efficiently and effectively

Thank You !



TSOs



WMOs



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