

Governance and implementation strategy of the EJP

JOPRAD D5.4

Marie Garcia, Andra, FR

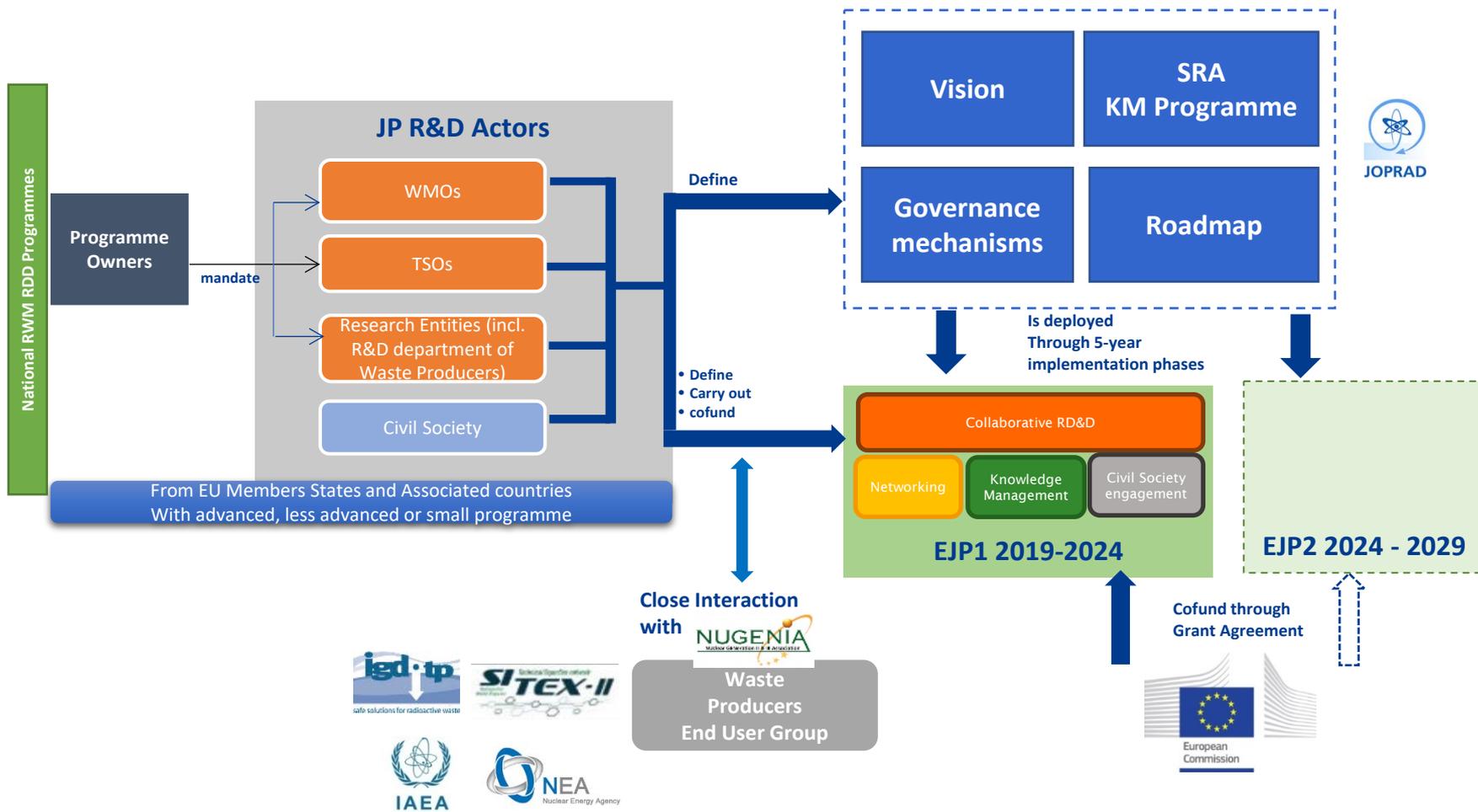


This project has received funding from the Euratom research and training programme 2014-2018 under grant agreement n° 653951





Joint research Programme in RWMD



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

Prague, November 16 2017

Governance and implementation strategy of the EJP

Content of the talk

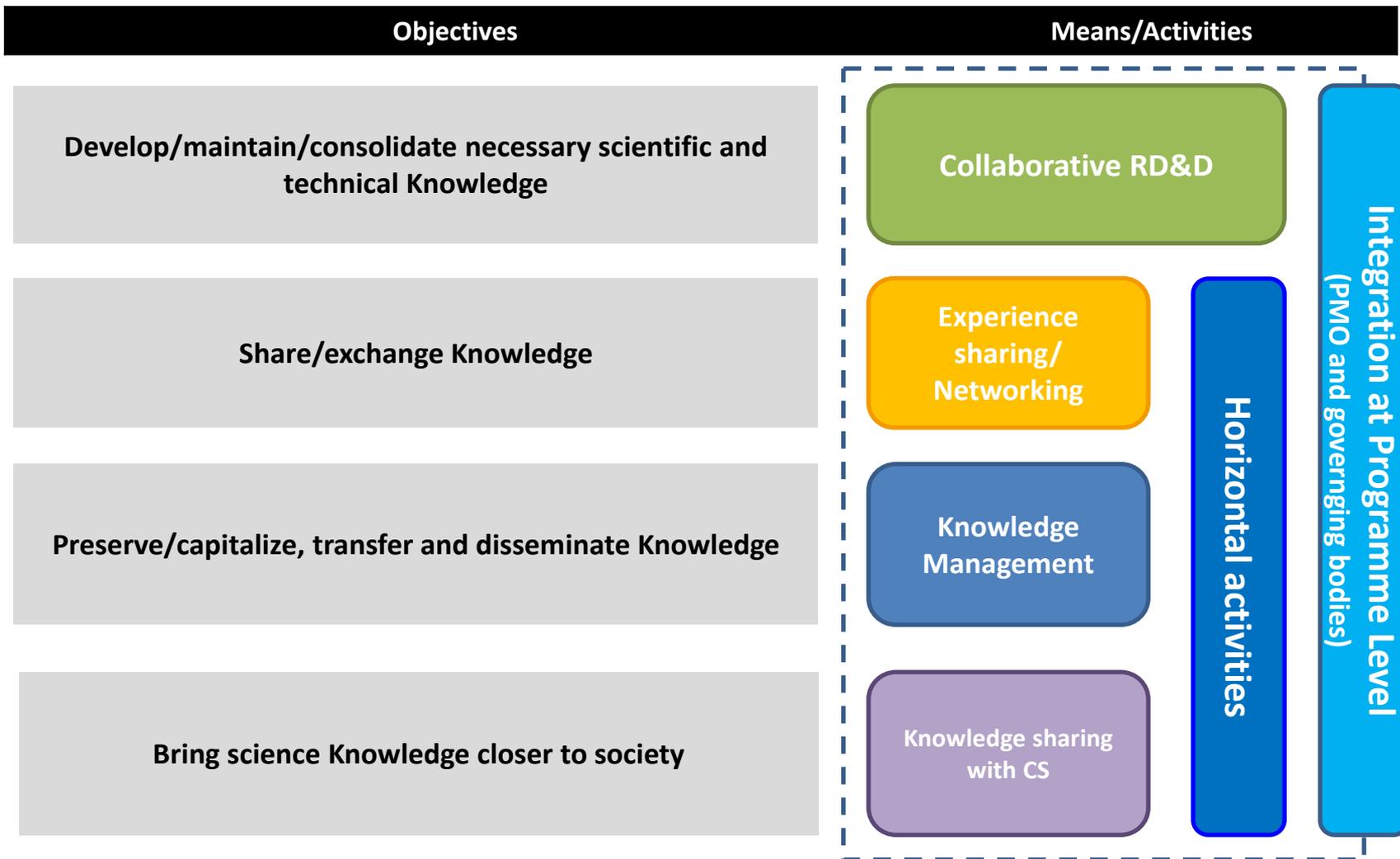
- Implementation
 - ✓ EJP activities
 - ✓ EJP Participation rules
 - ✓ EJP budget and funding mechanisms
- EJP governance bodies and decision-making methods



EJP Activities



Joint Programme – main objectives and activities



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

Prague, November 16 2017

EJP on RD&D for Radioactive Waste Management and Disposal

Activities – Collaborative RD&D

Rationale

RD&D effort is necessary throughout the entire lifecycle of RWMD programmes in order to ensure optimisation of management routes and of disposal solutions and to address evolving societal and regulatory concerns as required in the Waste Directive 2011/70/Euratom.

- Considerable scientific and technical base acquired from more than 40 years
 - Allowing the Member-States at an advanced stage of their GD to progress towards licensing and construction of geological disposal facilities (FI, SE, FR)
- Collaborative efforts at European level continue to be of high importance:
 - To continuously improve and optimise **management routes** and **disposal facilities**
 - To **maintain, enhance and increase knowledge** throughout the incremental development operation and closure of geological disposal facilities spread over many decades;
 - To help bridge the risk of shortage at medium timescales in the multidisciplinary human resources needed to develop, assess, license and operate GD facilities

Collaborative RD&D

Experience sharing/
Networking

Knowledge
Management

Knowledge sharing
with CS

Horizontal activities

Integration at Programme Level
(PMO and governing bodies)

EJP on RD&D for Radioactive Waste Management and Disposal Activities – Collaborative RD&D

Objectives

Main objective is to deploy the JP SRA

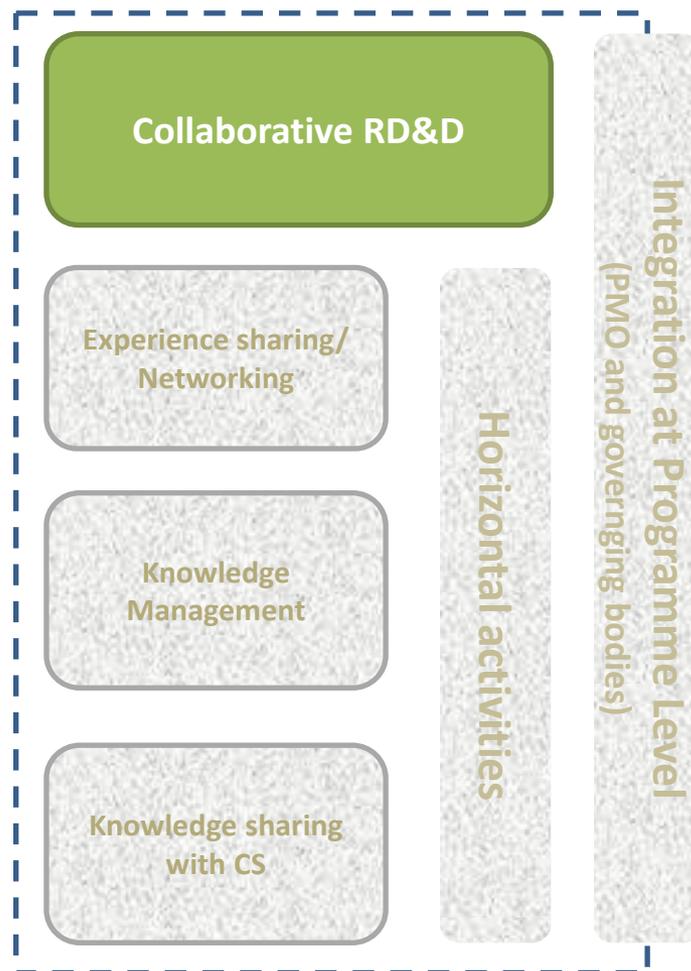
Scope : cutting-edge scientific and technical activities on radioactive waste management from cradle to grave:

- Radioactive waste characterization & processing (incl. treatment, conditioning/packaging);
- Interim storage of radioactive waste;
- Disposal solutions – Mainly geological disposal of spent fuel, high level waste (HLW) and intermediate level waste (ILW)

Surface disposal/low level waste are not excluded, it is however assumed that it does not require specific RD&D but RD&D studies may address both surface and deep geological disposal. It can also be addressed within a Networking/KM activity.

- **Operational RD&D (in direct link with predisposal issues and implementation of disposal solutions)**
- **Prospective RD&D (long-term experiment and/or modelling to demonstrate the robustness of the concepts or to contribute to maintain scientific excellence and competences)**

Means/Activities



EJP on RD&D for Radioactive Waste Management and Disposal

Activities – Experience sharing/Networking



Objectives

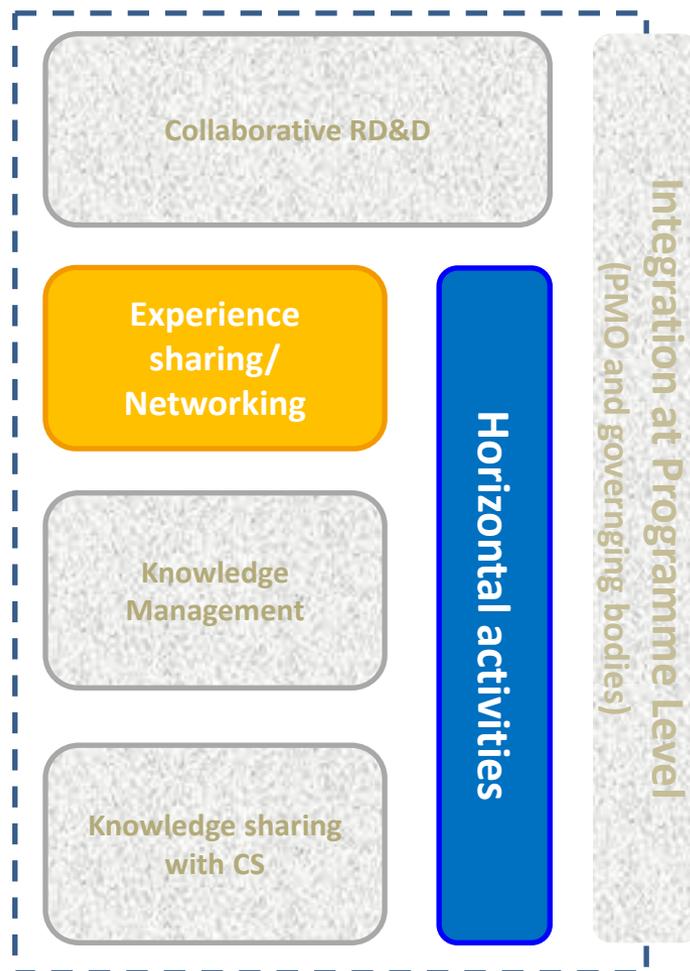
Enable Joint Programme actors to :

- **Share knowledge/know-how, discuss common methodological / strategical challenging issues**
- **Identify the contribution of past and on-going RD&D projects to the resolution of these issues**
- **identify any emerging common needs** that could be addressed together within the Joint Programme (RD&D, Networking, KM) in support of the national programmes.

Scope :

Any Topics in direct link with RD&D for which exchange/sharing of information and experiences has been identified as valuable/beneficial by the Joint Programme actors themselves.

Means/Activities



EJP on RD&D for Radioactive Waste Management and Disposal

Activities – Knowledge Management



Objectives

- Make sure that public knowledge generated over past, ongoing and future RD&D is preserved and made accessible.

Preservation / capitalisation of generated knowledge

- Make sure that Member-States with national programmes at early-stage of implementation can take advantage of existing knowledge and know-how from Member-States with most advanced national programmes

Transfer of knowledge towards Member-States with early-stage RWM programme

- Ensure that the necessary expertise and skills are maintained through generations of experts by providing training and mobility for researchers.

Transfer of knowledge between generations

- Disseminate and demonstrate progress, results and added-value of the European Joint Programme to a wide audience.

Dissemination of knowledge

Means/Activities

Collaborative RD&D

Experience sharing/
Networking

Knowledge
Management

Knowledge sharing
with CS

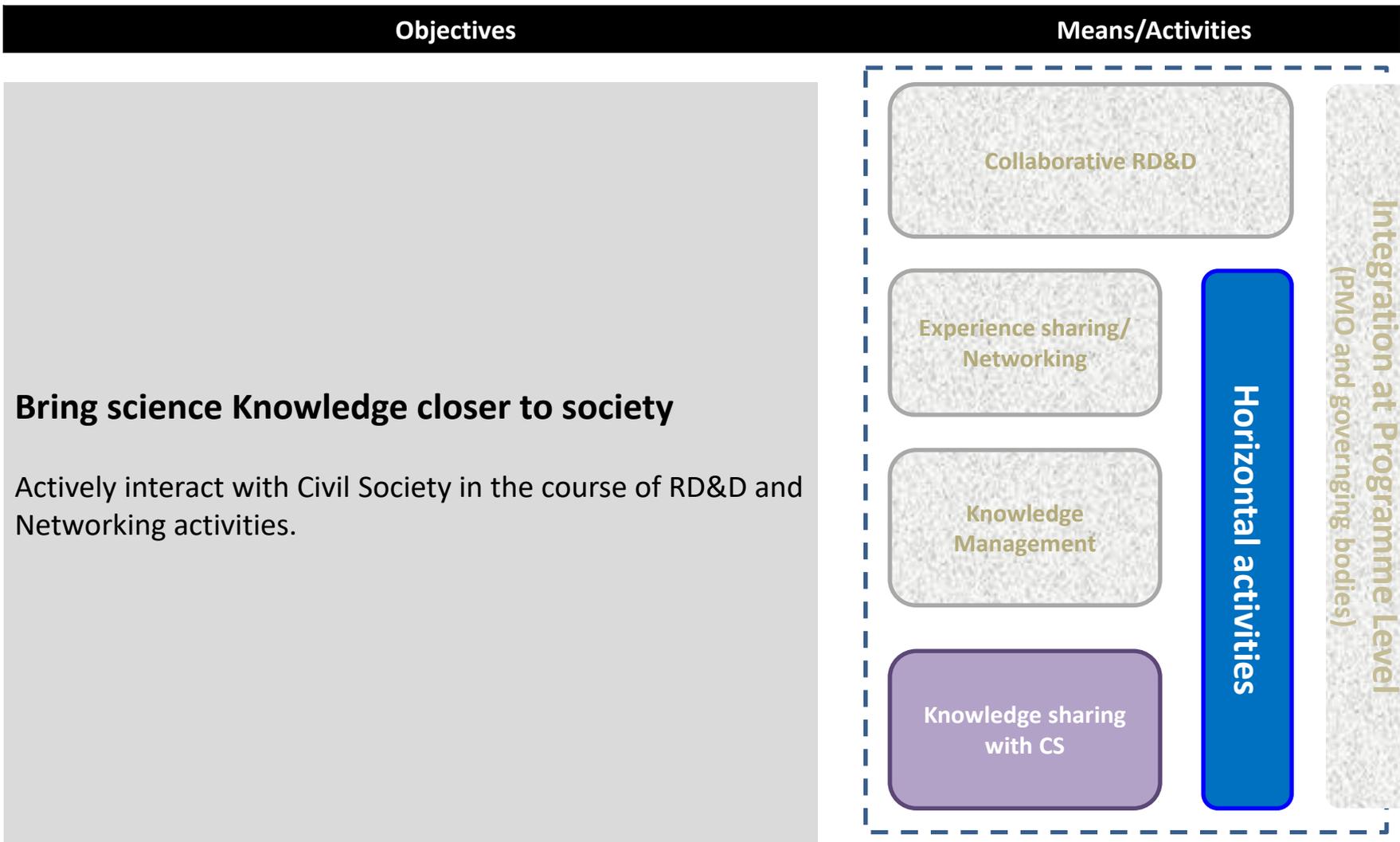
Horizontal activities

Integration at Programme Level
(PMO and governing bodies)



EJP on RD&D for Radioactive Waste Management and Disposal

Activities – Knowledge sharing with CS



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

Prague, November 16 2017

JP governing principles

The JP shall respect the following principles:

- *Inclusiveness* – i.e. to ensure that the different categories of Actors are involved in the definition and implementation of the Joint Programme;
- *Transparency* – i.e. to ensure that decisions are taken in a transparent way, especially regarding how, why and by whom projects and activities are evaluated, selected and implemented;
- *Excellence* – i.e. to assure that highest scientific standards are applied in all research works;
- *Balance and equity* – i.e. to strive for the highest level of balance and equity by covering interests in RD&D/horizontal activities of the different categories of Actors/Groups and by fair distribution of budget;
- *Preservation of independence* – i.e. to avoid conflicts of interests and preserve the independence between the “Expertise function” and the “Implementing function”;
- *Flexibility* – i.e. to ensure that new Actors can get involved and new activities can be launched in the course of an implementation phase;
- *Efficiency and effectiveness* – i.e. make the best possible use of available resources by avoiding duplication of previous/ongoing work.



Question and Answer session



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

Prague, November 16 2017



EJP Participation Rules

EJP COFUND – Participation rules

- Participation as **Beneficiary**
 - ✓ Minimum 5 legal entities from different Member States or associated countries.
 - ✓ Participation is limited to legal entities that can fully participate through their contribution of national/regional programmes, i.e. legal entities owning (**Programme Owner**, Ministry/regional authority) or managing (**Programme Manager mandated by a Programme Owner**) national research and innovation programmes.
 - ✓ In the Call, the Mandated Actors are defined as follows:
 - **WMOs** whose mission covers the management and disposal of radioactive waste
 - **TSOs** carrying out activities aimed at providing the technical and scientific basis for notably supporting the decisions made by a national regulatory body
 - **Nationally funded Research Entities (REs)** which are involved in the R&D of radioactive waste management, under the responsibility of Member States

EJP COFUND – Participation rules

- Beneficiaries can call for **Linked Third Parties** to carry out part of the work plan in the WPs
 - ✓ Organisations to which they have a pre-existing legal relationship (options are: Memorandum of Understanding, agreement, contract, affiliation, MoU, joint research unit...) which is not based on a contract for the purchase of goods works or services.
 - ✓ LTP are allowed to fully participate in the action, like Beneficiaries they are linked to. They will therefore be treated for many issues (including cost eligibility) like Beneficiaries.
- **Other legal entities** (such as association) may participate if justified by the nature of the action, in particular entities created to coordinate or integrate transnational research efforts

EJP COFUND – Participation rules

- For UK organisations: 2 scenarios shall be anticipated:
 - ✓ one in which UK would be able to participate as an *Associated Country* (as Switzerland and Ukraine) and therefore will be able to participate under the same conditions as legal entities from the EU Member States.
 - ✓ One in which UK would not be Associated Country and therefore may be part of the EJP as International Organisation, without getting EC funding.

EJP – Mandated Actors so far

- Now it is official that within EURATOM WP2018, EC calls for the establishment of the EJP and its first implementation phase, it is becoming urgent that Programme Owners (Ministries) mandate the organisations that will take part as Beneficiary in EJP.
 - ✓ This process is already well advanced, as 28 organisations have been mandated by Programme Owners (Ministries, State Agencies) from 10 Member-States and 2 associated countries
 - ✓ It is expected that Programme Owners should mandate the organisations acting as Beneficiary no later than **end of 2017**
 - ✓ For the organisations not mandated as Beneficiary, confirmation for being able to participate as Linked Third Parties (with explanation of the preexisting legal links) – **From first quarter 2018**

Belgium	Bel V
Denmark	Danish Decommissioning
Finland	Posiva
	VTT
France	Andra
	IRSN
	CNRS
	CEA
Germany	BGE
	GRS
	HGF
	PTKA-WTE
Greece	EEAE
	NCSR Demokritos
Lithuania	RATA
	CPST
	LEI
Netherlands	COVRA
	NRG
	TNO
Spain	ENRESA
	CIEMAT
Sweden	SKB
	Uppsala
Switzerland	NAGRA
	PSI
Ukraine	Chornobyl R&D Institute
	SSTC NRS



EJP COFUND – Grant Agreement model



H2020 Programme

Multi-Beneficiary Model Grant Agreement

European Joint Programme (EJP) Cofund

(H2020 EJP Cofund – Multi)

Version 5.0
18 October 2017

- http://ec.europa.eu/research/participants/data/ref/h2020/mga/pcp_ppi/h2020-mga-ejp-cofund-multi_en.pdf
- http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf

20.12.2013 EN Official Journal of the European Union L 347/81

REGULATION (EU) No 1290/2013 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 11 December 2013

laying down the rules for participation and dissemination in "Horizon 2020 - the Framework Programme for Research and Innovation (2014-2020)" and repealing Regulation (EC) No 1906/2006

(Text with EEA relevance)

- | | |
|--|--|
| <p>THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,</p> <p>Having regard to the Treaty on the Functioning of the European Union, and in particular Articles 173, 183, and the second paragraph of Article 188 thereof,</p> <p>Having regard to the proposal from the European Commission,</p> <p>After transmission of the draft legislative act to the national parliaments,</p> <p>Having regard to the opinion of the Court of Auditors ⁽¹⁾,</p> <p>Having regard to the opinion of the European Economic and Social Committee ⁽²⁾,</p> | <p>(3) Horizon 2020 should support the achievement and functioning of the European Research Area in which researchers, scientific knowledge and technology circulate freely, by strengthening cooperation both between the Union and the Member States, and among the Member States, in particular through the application of a coherent set of rules.</p> <p>(4) The rules for participation, exploitation and dissemination in Horizon 2020 laid down in this Regulation ("the Rules") should adequately reflect the recommendations of the European Parliament in its resolution of 11 November 2010 on simplifying the implementation of the Research Framework Programmes ⁽³⁾, and of the Council with regard to the simplification of the administrative and financial requirements of the research framework programmes. The Rules should provide continuity to the simplification measures already implemented under Decision No 1982/2006/EC of the European Parliament and of the Council ⁽⁴⁾. They should take up the recommendations made in the final</p> |
|--|--|

Horizon 2020 Rules for Participation

http://ec.europa.eu/research/participants/data/ref/h2020/legal_basis/rules_participation/h2020-rules-participation_en.pdf

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

Prague, November 16 2017



Question and Answer session



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

Prague, November 16 2017

EJP budget and funding mechanisms

EJP COFUND rules – form of grant

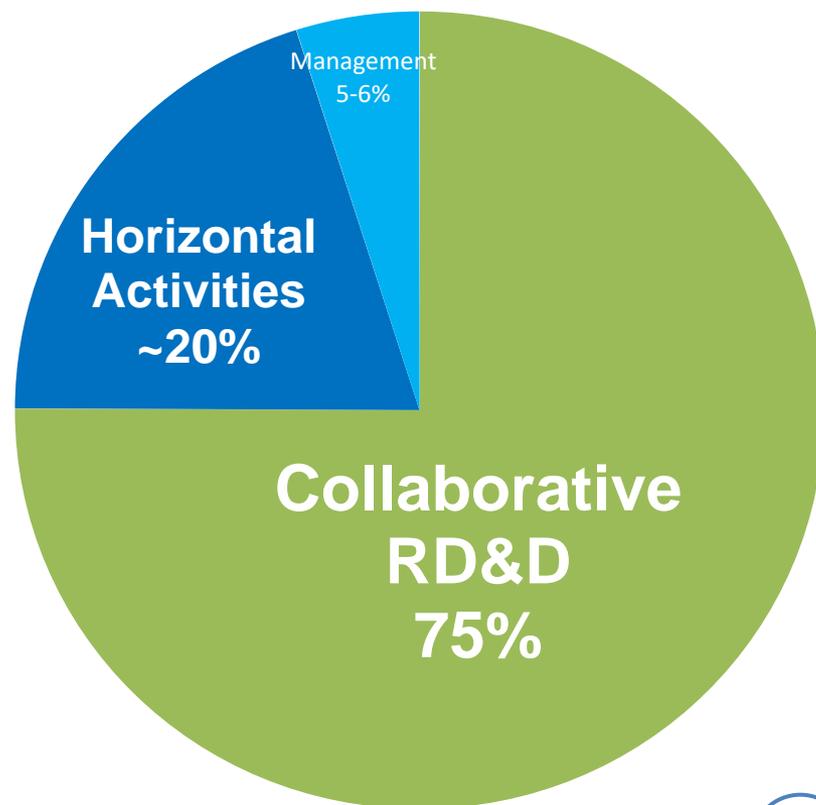
- Under an EJP co-fund tool, the Euratom contribution takes the form of a **grant** consisting of **reimbursement (55%) of the eligible costs related to the implementation of the actions (Work Packages)**.
- ⇒ **no cash collection** from the Programme Owners/Managers in a “common pot”
- **Participants shall be able to bear the costs that are not funded by EC**
 - ✓ Or to find other cofundings

EJP COFUND rules – Eligible costs

- Eligible costs are the expenses necessary to implement a joint programme of activities to attain objectives common to the EURATOM Programme, ranging from research to coordination and networking activities, including training activities, demonstration and dissemination activities, support to third parties etc.
- Type of eligible costs:
 - ✓ Direct Personnel costs (unit or actual costs)
 - ✓ Other Direct costs:
 - Travel
 - Equipment
 - Costs of large research infrastructure
 - Other goods and services
 - ✓ Indirect costs (flat rate: 25% of direct costs)
 - ✓ Costs for subcontracting
 - ✓ See Article 6 of the [Grant Agreement Model](#)

Internal rule - Distribution of EC funding

- Current suggestion for distribution of EJP EC co-funding is:
 - ✓ at least 75% of the EC contribution to RD&D activities
 - ✓ about 20% of the EC contribution to Horizontal activities
 - ✓ max 6% of the EC contribution to management



Internal rules - specific rates



- EJP co-fund : EC will reimburse eligible costs at a **single rate 1**
> **55% of total eligible costs**
- Consortium is free to redistribute EC co-funding as it will decide it, i.e. **internal funding rates** can be set for different types of activities.
- Suggestion is as follow:

Type of activity	Indicative internal rate
Collaborative RD&D	50 %
Horizontal activities	70-80 % (it will be adjusted so that RD&D funding rate does not go under 50%)
Programme Management Office	100 %

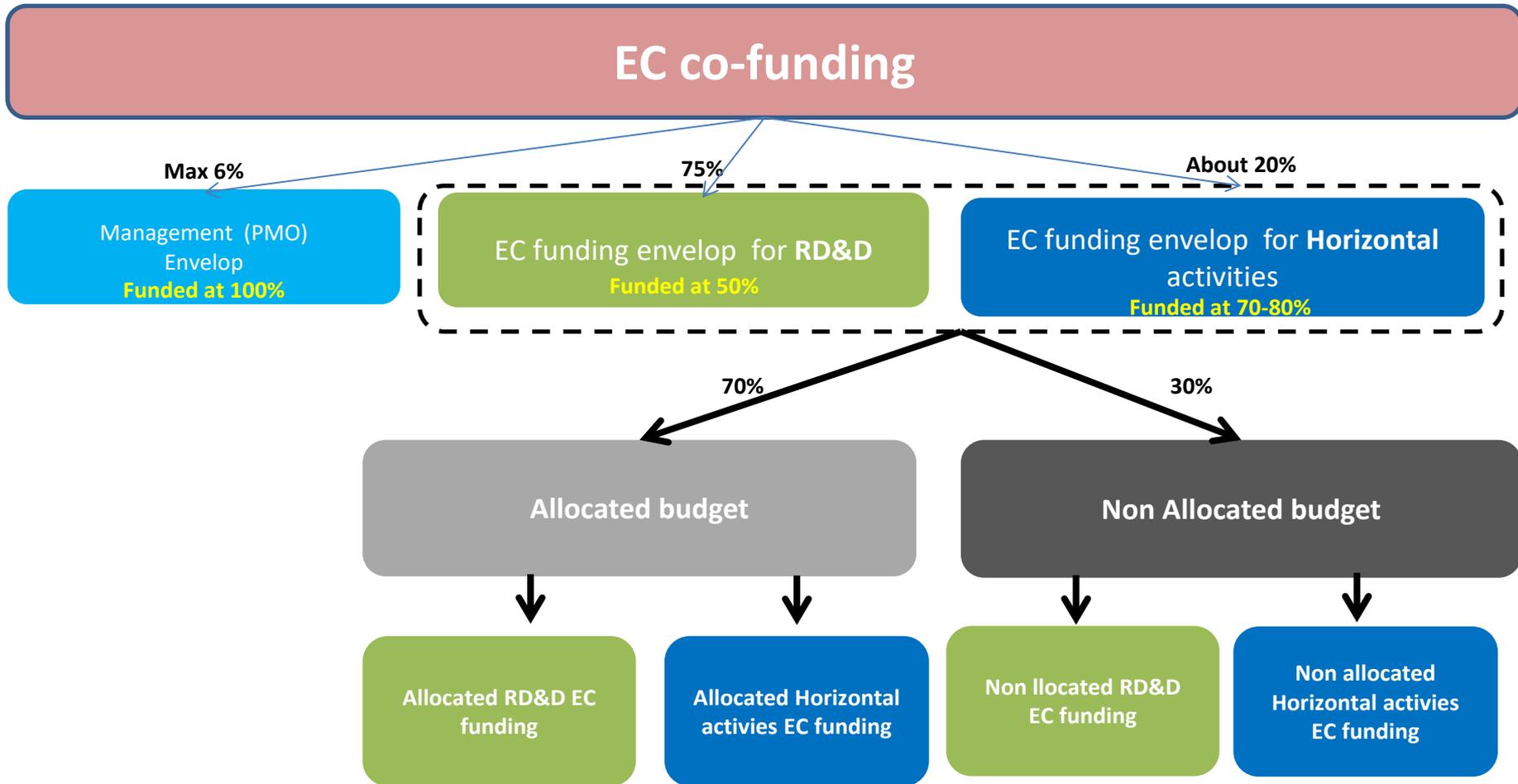
- The internal rates will be set out in the implementation mechanisms and included in the Consortium Agreement.



Internal rate -Allocated/Non-Allocated budget

- In order to meet the two following governing principles...
 - ✓ **FLEXIBILITY** – possibility to include **new activities** in the course of EJP1
 - ✓ **INCLUSIVENESS** – possibility to integrate **new mandated actors**
- **70% of the budget** will be **allocated** to WPs/tasks that will start at the launch of an EJP implementation phase
- The remaining 30% will be provisioned under Management WP and will be allocated to RDD/Networking/KM during the course of EJP according to the implementation mechanisms/governing rules .

Overview of funding streams of EJP





Question and Answer session



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

Prague, November 16 2017

EJP governance bodies

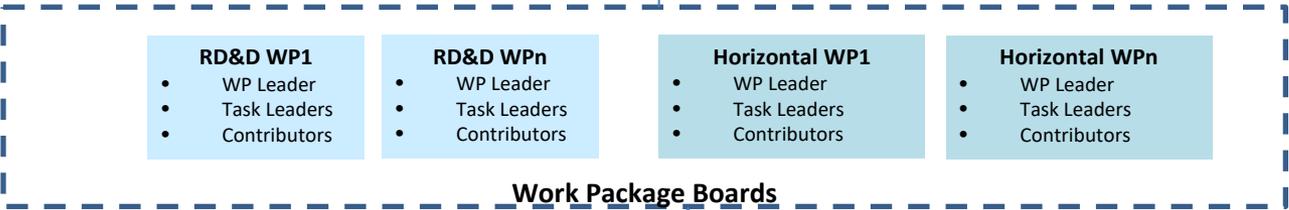
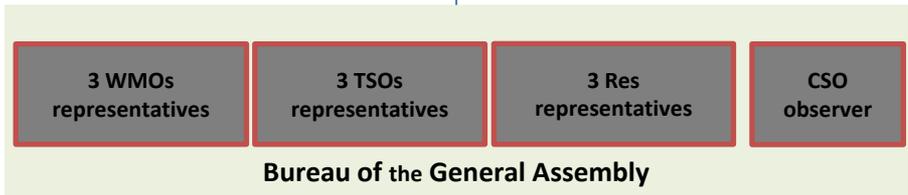
Governance bodies



Coordinator



External advisory committee
 Scientific experts (from international community) Civil Society, Waste Producers (NUGENIA) IAEA? NEA? EC?



General Assembly

- Ultimate decision-making body of the Consortium.
- **Composition:** one representative per Beneficiary (Mandated Actors)
- Example of foreseen **decisions**
 - ✓ Approval of the **Annual work plan** (incl. budget) (ie approval of new WPs within « 2nd wave »)
 - ✓ Approval of possible **updates of the strategic research agenda**
 - ✓ Approval of annual progress report to EC
 - ✓ Proposal for changes to Annex I (Work Plan) and II (Estimated budget) of the Grant Agreement to be agreed by the Commission
 - ✓ Modification of the attachments of the Consortium Agreement
 - ✓ Approval for management procedures
 - ✓ Approval of the internal communication plan
 - ✓ Approval of annual dissemination plan (incl. publication procedure)
 - ✓ Approval of the yearly budget for the PMO
 - ✓ Approval of Financial procedures (budgeting and payments)
 - ✓ Approval of procedures concerning the composition of the EAB
 - ✓ Approval of the consortium quality management system
- defines and regularly reviews the **overarching strategy as laid down by the SRA and Vision** necessary to implement the EJP1 Work Plan in consistency with the GA. The details of the strategy and Work Plans, and any supporting policies and procedures, are elaborated by the Bureau of the General Assembly and/or the PMO.

Bureau of the General Assembly

- Suggested **composition**:
 - ✓ 3 WMOs' representatives (elected by the WMOs Beneficiaries)
 - ✓ 3 TSOs' representatives (elected by the TSOs Beneficiaries)
 - ✓ 3 REs' representatives (elected by the REs Beneficiaries)
 - ✓ One CSO observer (elected by the CSOs Beneficiaries)
- The Bureau members shall represent the interest of their own community and not the interest of their respective organisation
- Composition will be reviewed at mid-term of the EJP1 (new election)
- **Role**: The Bureau is accountable to the General Assembly. It proposes documents and decisions to be taken by the General Assembly, it prepares the agenda of the General Assembly, acts on behalf of the General Assembly in the detailed interactions with the PMO during the elaboration of proposals, for subsequent decision by the General Assembly, defining the Consortium Strategy, Work plans, policies and procedures.
- **Meetings**: 4 per year
 - ✓ PMO + additional expert as needed should also participate

Programme Management Office (PMO)

- **Role:**
 - ✓ in charge of scientific and technical coordination of the programme, as well as the day-to-day management, and communication activities.
 - ✓ It is responsible to the General Assembly for the overall top-level planning, coordination, implementation of the EJP Work Plan in line with the strategy agreed by the General Assembly.
 - ✓ Interacts with EC and with key stakeholders: national programmes, international organisations/programmes, Citizen Science Organisations
- **Composition :**
 - ✓ Scientific Programme Manager of EJP1
 - ✓ Horizontal activities coordinator
 - ✓ EJP1 management officer
 - ✓ +1 or 2 administrative officers
- PMO should organise at least twice a year meeting gathering all WP Leaders to follow-up the WPs' implementation and to ensure interactions between the projects and ensuring joint programming of activities

Work Package Boards

- Composition
 - ✓ Work Package Leader
 - ✓ Task leaders
- Role:
 - ✓ Coordinate the WP
 - ✓ Ensure that the WP is progressing according to the agreed specifications, milestones and planning.
 - ✓ Report the work progress and eventual modifications of the WP work plan to the Programme Management Office.

External advisory board

- **Role:** advises the General Assembly on strategic and implementation issues related to the EJP Work Plan and its coherence with respect to the Strategic Research Agenda and Vision.
- **Composition:**
 - ✓ Scientific and technical experts at international level (from WMO, TSO, RE, Waste Producer...)
 - ✓ Civil Society representatives
- The EAB will be invited to annual meeting and shall provide external advice and recommendation for the implementation of the EJP.



Question and Answer session



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

Prague, November 16 2017

Thank you for your attention

Contact:

marie.garcia@andra.fr



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

Prague, November 16 2017