



# EUROPE'S RAIL INFO DAY

ONLINE

9  
February  
2024



@EURail\_JU



Europe's Rail Joint Undertaking

# AGENDA

## Europe's Rail JU Info Day 2024

<b>10.00 - 10.15</b>	<b>Opening remarks</b>  <i>Rosalinde van der Vlies</i> <i>Director for Clean Planet, DG RTD, European Commission</i>  <i>Kristian Schmidt</i> <i>Director for Land Transport, DG MOVE, European Commission</i>  <i>Erzsébet Fitori</i> <i>Executive Director, Smart Networks and Services Joint Undertaking</i>
<b>10.15 - 10.30</b>	<b>Presentation of the Call for Proposals 2024</b>  <i>Giorgio Travaini</i> <i>Executive Director a.i., Europe's Rail Joint Undertaking</i>

# AGENDA

## Europe's Rail JU Info Day 2024

<b>10.30 – 11.00</b>	<b>Europe's Rail Programme open call Topics</b>
<b>10.30 – 10.50</b>	<p><b><i>DESTINATION 2 – Digital &amp; Automated up to Autonomous Train Operations</i></b></p> <ul style="list-style-type: none"> <li><i>Léa Paties, Senior Programme Manager, Europe's Rail Joint Undertaking</i></li> </ul> <p><b><i>DESTINATION 5 – Sustainable Competitive Digital Green Rail Freight Services</i></b></p> <ul style="list-style-type: none"> <li><i>Javier Ibáñez de Yrigoyen, Senior Programme Manager, Europe's Rail Joint Undertaking</i></li> </ul> <p><b><i>DESTINATION 7 – Innovation on new approaches for guided transport modes</i></b></p> <ul style="list-style-type: none"> <li><i>Judit Sandor, Programme Manager, Europe's Rail Joint Undertaking</i></li> </ul>
<b>10.50 - 11.00</b>	<b>Q&amp;A on call Topics</b>
<b>11.00 – 11.15</b>	<b>Coffee break</b>
<b>11.15 – 12.00</b>	<b>Horizon Europe legal and financial guidelines</b>
<b>11.15 – 11.45</b>	<ul style="list-style-type: none"> <li><i>Anna Torres, Grant &amp; Legal Officer, Europe's Rail Joint Undertaking</i></li> <li><i>Sandro Benidio, Financial Officer, Europe's Rail Joint Undertaking</i></li> </ul>
<b>11.45 – 12.00</b>	<b>Q&amp;A on legal and financial guidelines</b>

12.00 – 13.00	<b>Match-making session</b>
12.00 – 13.00	<b><i>Match-making session</i></b> <ul style="list-style-type: none"><li><i>HORIZON-ER-JU-2024-FA2-SNS: EU-RAIL – SNS SYNERGY: DIGITAL &amp; AUTOMATED TESTING AND OPERATIONAL VALIDATION OF THE NEXT EU RAIL COMMUNICATION SYSTEM</i></li><li><i>HORIZON-ER-JU-2024-FA5: DIGITAL AUTOMATIC COUPLER – TESTING TO SUPPORT DAC AUTHORISATION, MIX AND MATCH FOR DAC COUPLER HEAD AND DRAFT GEAR INTERCHANGEABILITY AND DAC HYBRID COUPLER FITTING SOLUTIONS</i></li><li><i>HORIZON-ER-JU-2024-FA7 : HYPERLOOP – ROADMAP TOWARDS INDUSTRIALISATION AND HARMONIZED IMPLEMENTABLE CONCEPT</i></li></ul>
13.00	<b>End of Info Day 2024</b>

# EUROPE'S RAIL INFO DAY CALL 2024

## OPENING REMARKS

# EUROPE'S RAIL INFO DAY CALL 2024

## OPENING REMARKS

**Rosalinde van der Vlies**

Director for Clean Planet, Directorate-General for Research and  
Innovation, European Commission

# EUROPE'S RAIL INFO DAY CALL 2024

## OPENING REMARKS

**Kristian Schmidt**

Director for Land Transport, Directorate-General for Mobility and  
Transport, European Commission

# EUROPE'S RAIL INFO DAY CALL 2024

## OPENING REMARKS

**Erzsébet Fitori**

Executive Director, Smart Networks and Services Joint Undertaking





### Public Private Partnership

**Unlocking Value from Research & Innovation**  
(Technological Sovereignty)



Implementing the telecom research and innovation (R&I) **SNS programme** leading to **B5G and 6G conception and standardisation**

**Deploying Critical 5G/6G Infrastructures**  
(Scale/Timing/Security)



Strategic guidance for relevant programmes under Connecting Europe Facility, in particular **5G Corridors**

### Synergies

Dialogue and cooperation between Telecom and Rail sectors is essential

1



- **Technology Transition**
- Deployment scenarios
- Telco-Rail collaboration

2



- **Standardisation**
- QoS
- Spectrum

3



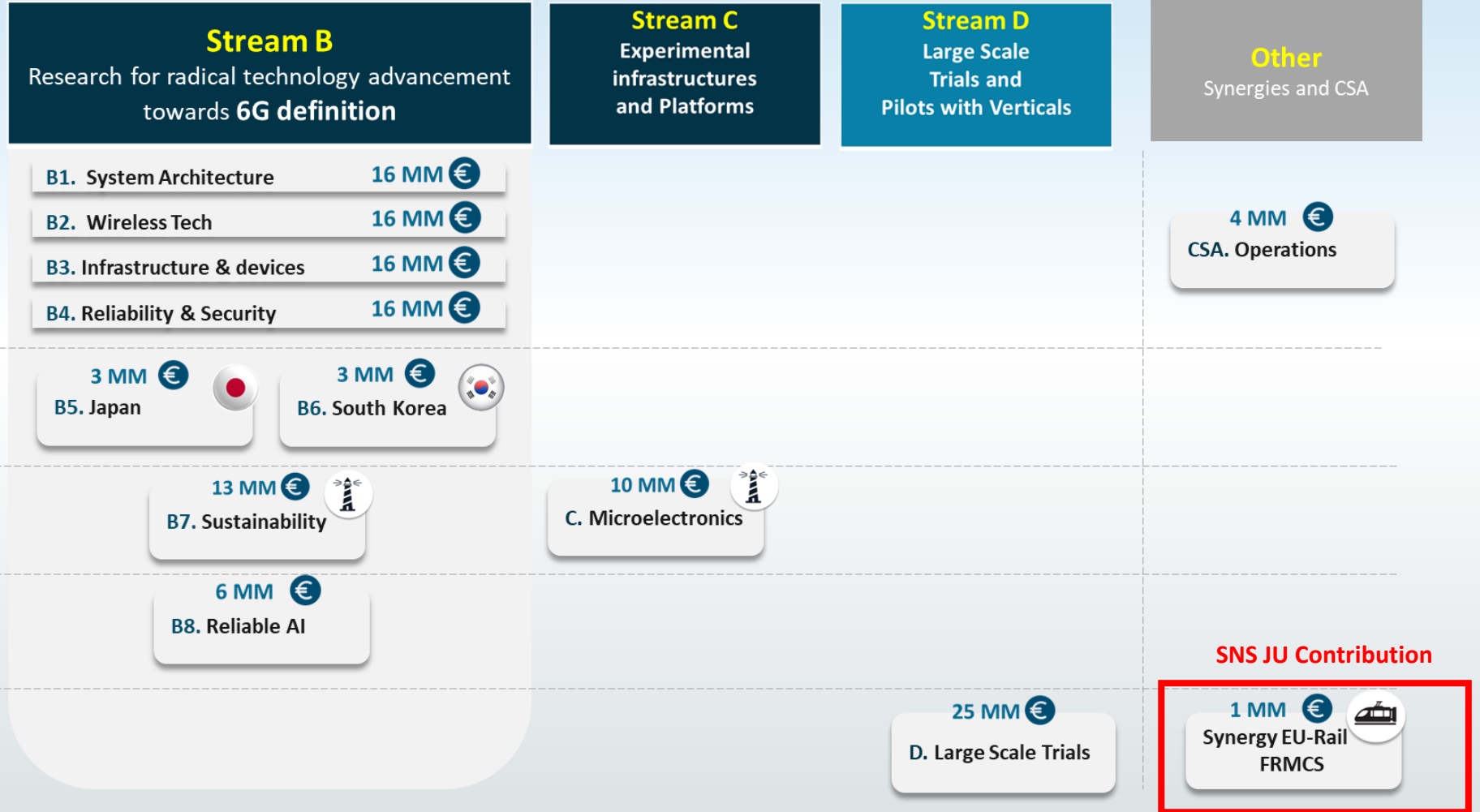
- **Digital Use Cases**
- Gigabit Train
- Transport and Logistics

### 2024 SNS JU Work Program Highlights

**SNS JU  
Call 3**

**129 MM €  
for  
17 Projects**

**OPEN**



Joint topic call for the **Testing and Operational Validation** of the **Next EU Rail Communication System**

<b>HORIZON-ER-JU-2024-FA2-SNS: EU-RAIL – SNS SYNERGY: DIGITAL &amp; AUTOMATED TESTING AND OPERATIONAL VALIDATION OF THE NEXT EU RAIL COMMUNICATION SYSTEM</b>	
<b>Specific conditions</b>	
<b>Expected EU contribution</b>	EUR 13.4 million
<b>Indicative projet duration</b>	30 months
<b>TRL</b>	TRL 6/7. The output should be included as part of the EU-Rail Standardisation and TSI Input plan, and follow the associated processes linked to the ERA Change Control Management process.
<b>Type of action</b>	Innovation Action – Lump Sum
<b>Linked actions and expected interactions</b>	<p>The action that is expected to be funded under this topic will be complementary to the following actions:</p> <ul style="list-style-type: none"> <li>• FP2-R2DATO (GA 101102001)</li> <li>• FP6 – FutuRe (GA 101101962)</li> </ul> <p>Please note that the list is non-exhaustive as additional Linked Projects may follow at a later stage of the programme implementation to complement the activity</p>
<b>Call details</b>	<p><b>Opening:</b> 25 January 2024</p> <p><b>Closing:</b> 07 May 2024</p>



# EUROPE'S RAIL INFO DAY CALL 2024

## CALL FOR PROPOSALS 2024

**Giorgio Travaini**

Executive Director a.i., Europe's Rail Joint Undertaking

# Mission & Vision

To deliver a **fully integrated European railway network for citizens and businesses.**

**Rail Research and Innovation to make Rail the everyday mobility.**

<b>High capacity</b> 	<b>Flexible</b> 
<b>Interoperable</b> 	<b>Multimodal</b> 
<b>Sustainable</b> 	<b>Reliable</b> 
<b>Competitive</b> 	<b>Inclusive</b> 

# Results

Meeting customer requirements



Improved performance and capacity



Improved efficiency and reduced lifecycle costs



Sustainable and resilient transport: enabling an increased use



Interoperable rail system and greater adaptability to new technologies



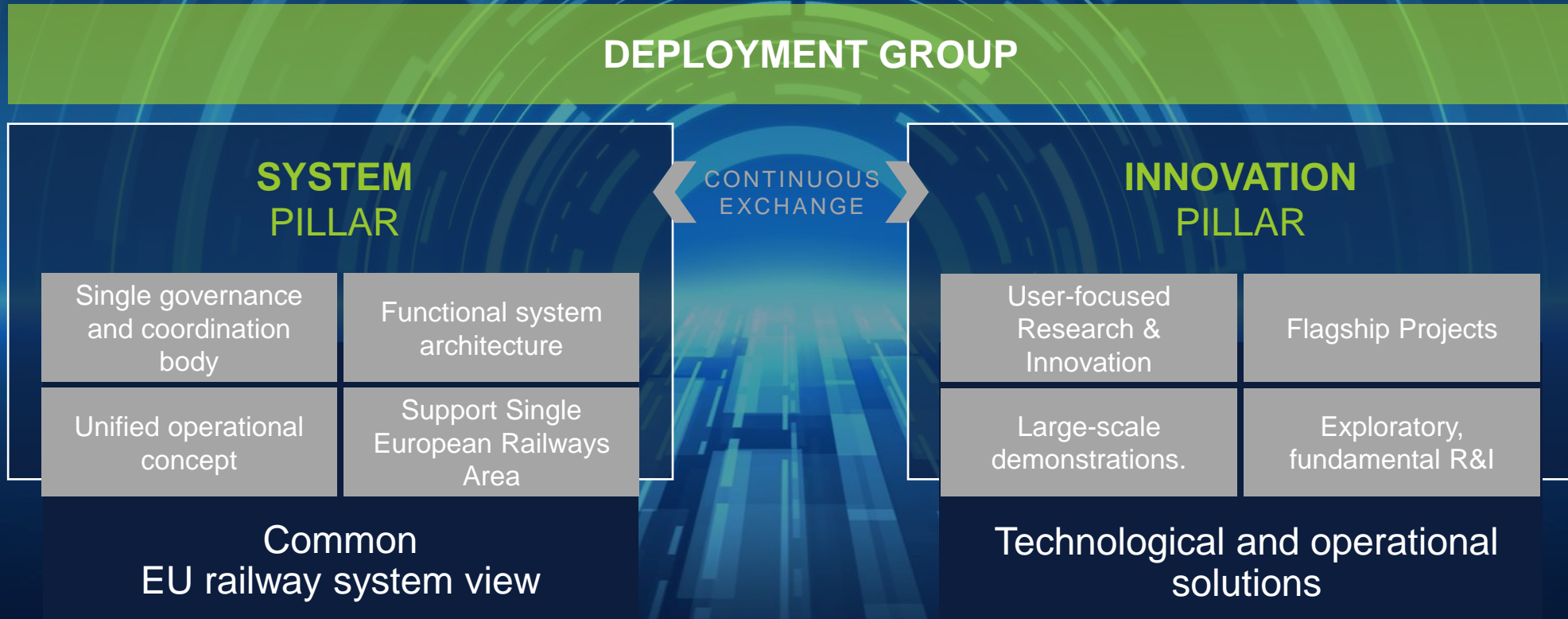
Better services: Smart and cost-efficient rail connectivity



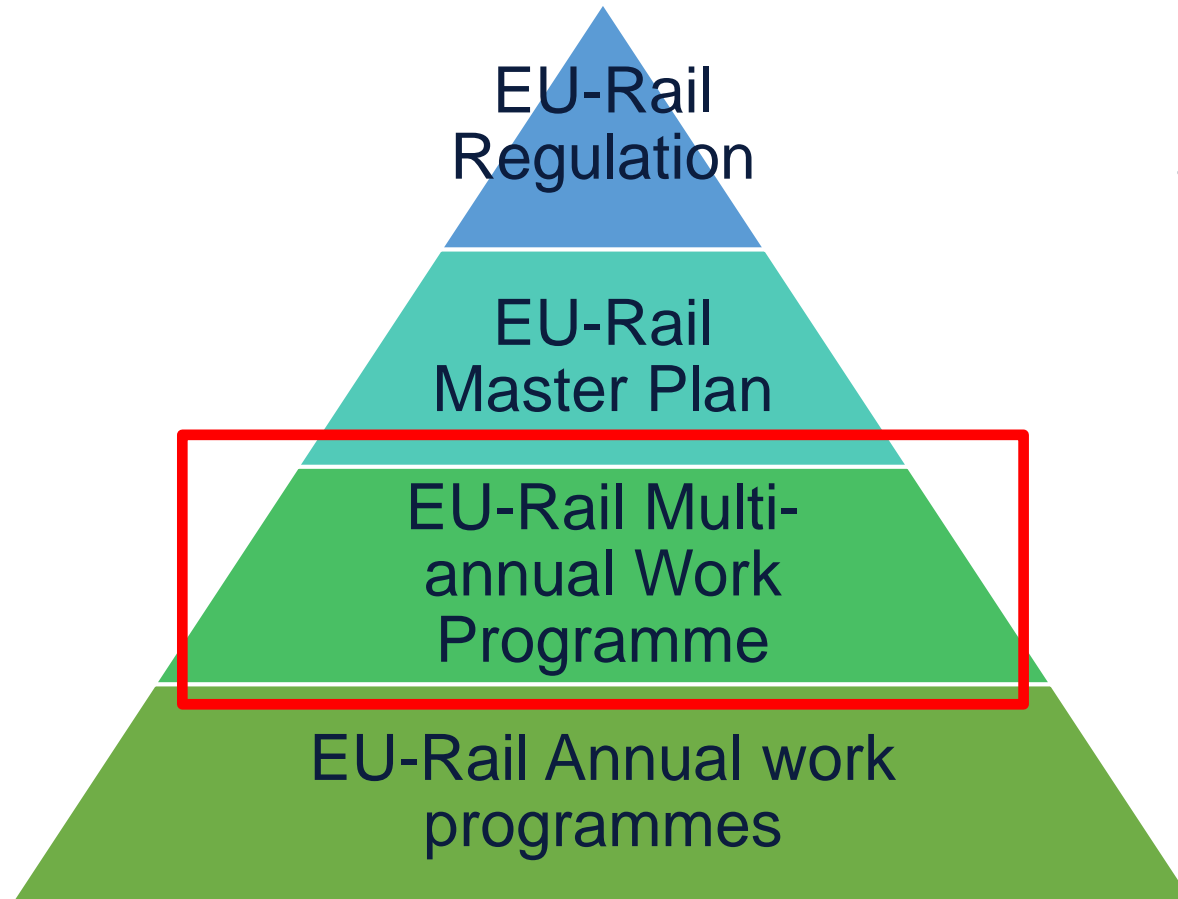
Improved EU rail supply industry competitiveness



# One integrated R&I Programme based on a **system view**



# Navigating the EU-Rail key documents of a Programme approach



Focus on the

- **MAWP:** It defines how the EU-Rail JU has designed its R&I activities to achieve the general and specific objectives set out in the SBA through an Integrated Programme:
  - *System Pillar (tasks)*
  - *Innovation Pillar*
    - *7 Flagship Areas + TT*
    - *Exploratory and other activities*
  - *Deployment group*



**THE EU-RAIL CALL 2024 IS OPEN TO ALL  
ELIGIBLE ENTITIES IN ACCORDANCE WITH  
HORIZON EUROPE**

**NO ADDITIONAL CONDITIONS**



# EU-Rail Call 2024: Opening: 25 January 2024; Deadline: 7 May 2024 17h

Total EU funding: 21,7M€

Call structure (see also annex VIII of the EU-Rail [Work Programme 2024](#))

- ❖ **Expected outcome:** describes the expected developments within the destination topic and the links with other Destinations.
- ❖ **Scope:** identifies the expected capabilities/enablers that should be developed through R&I activities

DESTINATION 2 – Digital & Automated up to Autonomous Train Operations :

Topic	Type of Action	Expected TRL	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
HORIZON-ER-JU-2024-FA2-SNS: EU-RAIL – SNS SYNERGY	IA – lower funding rate at 60%	6 to 7	13.5 (+ expected leverage effect up to 5x out of a total maximum EU contribution)	1



# EU-Rail Call 2024: Opening: 25 January 2024; Deadline: 7 May 2024 17h

## DESTINATION 5 - Sustainable Competitive Digital Green Rail Freight Services:

Topic	Type of Action	Expected TRL	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
HORIZON-ER-JU-2024-FA5: DIGITAL AUTOMATIC COUPLER	IA – lower funding rate at 60%	6 to 7	5.9	1

## DESTINATION 7 Innovation on new approaches for guided transport modes:

Topic	Type of Action	Expected TRL	Expected EU contribution per project (EUR million)	Number of projects expected to be funded
HORIZON-ER-JU-2024-FA7: Hyperloop	RIA	4	2.3	1

## Research Enquiry Service

For questions about research and Horizon Europe, you can contact the Research Enquiry Service via the webform:

[Research Enquiry Service \(europa.eu\)](https://europa.eu)

**[Research Enquiry Service \(link\)](#)**

# EUROPE'S RAIL INFO DAY CALL 2024

**EUROPE'S RAIL PROGRAMME  
OPEN CALL TOPICS**

# EUROPE'S RAIL INFO DAY CALL 2024

## DESTINATION 2

**HORIZON-ER-JU-2024-FA2-SNS: EU-RAIL – SNS SYNERGY: DIGITAL &  
AUTOMATED TESTING AND OPERATIONAL VALIDATION OF THE NEXT EU  
RAIL COMMUNICATION SYSTEM**

**Léa Paties**

Senior Programme Manager, Europe's Rail Joint Undertaking

# Specific conditions (highlights)

**Expected EU contribution**

EUR 13.5 million

**Indicative project duration**

30 months

**TRL**

TRL6/7. The output should be included as part of the EU-Rail Standardisation and TSI Input plan, and follow the associated processes linked to the ERA Change Control Management process.

**Type of action**

Innovation Action

**Linked actions and expected interactions**

The action that is expected to be funded under this topic will be complementary to the following actions:

- FP2-R2DATO (GA 101102001)
- FP6 – FutuRe (GA 101101962)

Please note that the list is non-exhaustive as additional Linked Projects may follow at a later stage of the programme implementation to complement the activity.

# Expected outcome & scope

- **Workstream 1:** Development of a future proof telecom architecture including all necessary network elements, based on 5G SA, IMS/SIP Core, MCX and more generally on 3GPP standards, and conform to all FRMCS Specifications from UIC, 3GPP and ETSI. **This must include pre-commercial versions of onboard equipment (TOBA, Telecom On-Board Architecture) and of the corresponding Trackside Gateway** ensuring the relevant management of telecom streams, independently of carried services, and then facilitating the bearer flexibility of the solution.
- **Workstream 2: Testing of key functions necessary for daily operations of trains,** including safety related functions, with the adequate quality of service and all necessary telecom interfaces and protocols: voice operational functions (necessary for the daily operations of trains, in the continuity of GSM-R operational functions, including safety related functions such as the voice emergency call), ETCS level 2 support, ATO over ETCS (GoA1/2), additional FRMCS features such as Messaging, Train Control & Management System (TCMS), CCTV and Passenger Information System (PIS) using video over Mission Critical (MC) Data if video is needed.



# Expected outcome & scope

- **Workstream 3: Validation and return on experience:**
- **Validate the capacity of the systems** to meet KPIs and Fault Configuration Accounting Performance Security (FCAPS) in order to estimate and predict service behaviour.
  - **Deliver technical inputs for Migration strategy** to move from GSM-R to FRMCS;
  - **Include the necessary return of experience** (from the results of the action to be funded under this topic, and also possible national FRMCS testing campaigns) to provide feedback to specifications (refinement of possible gaps and input to future specifications) and ultimately, start pilots (or initial deployments in safe operational and economic conditions).

# EUROPE'S RAIL INFO DAY CALL 2024

## DESTINATION 5

**HORIZON-ER-JU-2024-FA5: DIGITAL AUTOMATIC COUPLER – TESTING  
TO SUPPORT DAC AUTHORISATION, MIX AND MATCH FOR DAC  
COUPLER HEAD AND DRAFT GEAR INTERCHANGEABILITY AND DAC  
HYBRID COUPLER FITTING SOLUTIONS**

**Javier Ibáñez de Yrigoyen**

Senior Programme Manager, Europe's Rail Joint Undertaking



# Specific conditions

## DESTINATION 5 – Sustainable Competitive Digital Green Rail Freight Services

### **HORIZON-ER-JU-2024-FA5: DIGITAL AUTOMATIC COUPLER – TESTING TO SUPPORT DAC AUTHORISATION, DAC COUPLER MIX AND MATCH AND DAC HYBRID COUPLER FITTING SOLUTIONS**

<b>Expected EU contribution</b>	EUR 5.9 million
<b>Indicative project duration</b>	24 months
<b>TRL</b>	6 / 7
<b>Type of action</b>	Innovation Action
<b>Linked actions and expected interactions</b>	<p>The action that is expected to be funded under this topic will be complementary to the following actions:</p> <ul style="list-style-type: none"><li>• FP5-TRANS4M-R (GA 101102009)</li><li>• DACcord (GA 101121855)</li><li>• Interact with EU-Rail System Pillar for the aspects related to the TSI compliance aspects and planning and with the European DAC Delivery Programme groups</li></ul>



# Expected outcome

The Project stemming from this topic is expected to contribute to Europe's Rail Programme addressing the activities on Full Digital Freight Train Operations (FDFTO) considered within FP5-TRANS4M-R.

- Ensure that the pre-deployment trains are using the basic package considering the activities to support DAC authorisation.
- Initiate mix and match tests as a first step towards the interchangeability of DAC interface A couplers.
- Enlarge the number of Wagon Onboard Units (WoBu) compliant with the FDFTO system architecture developed by FP5-TRANS4M-R.
- Increase the number of the most common loco types with integrated hybrid couplers.

## **Workstream 1: DAC Interface A derailment and propelling safety tests, crash tests, climate chamber tests and initial tests to prove interchangeability of DAC coupler head/shank and draft gear across DAC solutions**

- The execution of derailment tests, crash tests and climate chamber tests with DAC interface A.
- Test results for the DAC authorisation and standardisation activities within TSI and Regulations concerning the International Carriage of Dangerous Goods by Rail (RID).

## **Workstream 2: Mix and match tests - initial tests to prove interchangeability of DAC interface A coupler head/shank and draft gear across DAC suppliers**

- The R&I work should provide the first results for interchangeable DAC interface A couplers for the handling, the transmission of forces and the behaviour for defined operational test cases.
- Based on the test results, a comprehensive test specification should be defined for a fully developed mix and match test aiming for the interchangeability of interface A in DAC couplers.

## **Workstream 3: Hybrid coupler for mainline and shunting locomotives, technical analysis and development of fitting solutions**

- By first identifying the most suitable locomotive types (mainline and shunter locomotives) for the technical integration of power supply and communication systems, the Project is expected to deliver:
  - The evaluation and assessment of existing technical documentation of the locomotive types considered, the analysis of technical boundaries, the evaluation and assessment of potential technical solution for the integration of power supply and communication systems within the locomotive types considered, and a roadmap for technical integration within the planned timeframe to allow the preparation of test runs (TRL 7).

## **Workstream 4: Wagon Onboard unit (WoBu)**

- Different suppliers involved to deliver the needed number of WoBu. These units should be conceived according to the applicable FDFT requirements of FP5-TRANS4M-R. The project should perform demonstrations in operational environments (TRL 7).

# EUROPE'S RAIL INFO DAY CALL 2024

## DESTINATION 7

**HORIZON-ER-JU-2024-FA7: HYPERLOOP – ROADMAP TOWARDS  
INDUSTRIALISATION AND HARMONIZED IMPLEMENTABLE CONCEPT**

**Judit Sandor**

Programme Manager, Europe's Rail Joint Undertaking



# Specific conditions

## DESTINATION 7 – Innovation on new approaches for guided transport modes

### HORIZON-ER-JU-2024-FA7: HYPERLOOP – ROADMAP TOWARDS INDUSTRIALISATION AND HARMONIZED IMPLEMENTABLE CONCEPT

<b>Expected EU contribution</b>	EUR 2.3 million
<b>Indicative project duration</b>	24 months
<b>TRL</b>	4
<b>Type of action</b>	Research and Innovation Action (RIA)
<b>Linked actions and expected interactions</b>	NA



# Expected outcome

## **Workstream 1: Technical harmonisation, roadmaps on industrialisation and applicability**

- Enable towards harmonisation/interoperability of the hyperloop technologies using commonly identified definitions for operational, safety and reliability requirements. Hazard analysis should be performed while aiming to define a commonly agreed architecture design.
- The basis for a future market uptake of the hyperloop technologies, thanks to the development of an industrial roadmap, reflecting relevant parties covering all steps and milestones needed for the technology's industrialisation and deployment.
- The areas of possible application considering operational scenario, business case will be defined together with specific feasible routes in the European mobility network.

## **Workstream 2: Design concept and validation of key sub-systems**

- A blueprint concept for 1:1 scale demonstrators based on commonly defined and agreed architecture and requirements.
- Validate a proof of concept to carry out compatibility tests of the different subsystems for vehicle and or infrastructure from different solution providers.

## **Workstream 1: Technical harmonisation, roadmaps on industrialisation and applicability**

- Identification of use cases by assessing possible business cases and defining possible operating models taking into account the following: network effects, interoperability (cross-border in the EU) and integration with the EU multimodal mobility network.
- Initial common system architecture and to identify functional, operational, and safety related requirements for the infrastructure and the vehicle and the interfaces between different subsystems.
- Preliminary Hazard Analysis based on identified operational requirements, considering operational processes and applicable safety standards from other modes while striving towards interoperability.
- An industrial roadmap for the technical elements including system/subsystems qualifications and validations steps, to reach the commercial implementation. This could be expanded looking at the economic feasibility of possible lines being operated with hyperloop technology in Europe.

## **Workstream 2: Design concept and validation of key sub-systems**

- Development of a design concept (TRL2) of a demonstrator for the complete hyperloop system (at 1:1 scale in relevant environment) to assess the feasibility of the requirements set in WS1 and to set a standard for the future in the perspective of harmonisation and interoperability.
- Validation of existing technologies for key sub-systems considering the developed design concept, at least TRL4 considering compatibility checks between different existing or adapted solutions for infrastructure and/or vehicle.

# EUROPE'S RAIL INFO DAY CALL 2024

**Q&A**

# EUROPE'S RAIL INFO DAY CALL 2024

**Coffee Break**



# EUROPE'S RAIL INFO DAY CALL 2024

## LEGAL AND FINANCIAL GUIDELINES

**Starting at 11:15**

# EUROPE'S RAIL INFO DAY CALL 2024

**Anna Maria Torres**

Grant & Legal Officer, Europe's Rail Joint Undertaking

# Where to find EU-Rail's 2024 Call for proposals?

- **Funding and Tenders Portal**
- **EU-Rail website > 'Participant' tab**

# Before submitting your proposal

- **Participant Register**
- **Checks:**
  - ✓ **1. Exclusion**
  - ✓ **2. Admissibility**
  - ✓ **3. Eligibility**
- **Follow rules described in Call for proposals**



# Exclusion

- **EDES-DB check: before evaluation, before award and before GA signature**
- **Applicants who are subject to EU administrative sanctions or in certain exclusion situations cannot participate, e.g.:**
  - ✓ bankruptcy
  - ✓ in breach of social security or tax obligations
  - ✓ grave professional misconduct
  - ✓ fraud/corruption
  - ✓ significant deficiencies in complying with main obligations under another EU GA/contract
- **Applicants will also be refused if :**
  - ✓ they misrepresented information required for participating or failed to supply that info
  - ✓ were previously involved in the call preparation > conflict of interest (CoI)

# Admissibility

- Applicants must submit their proposals **before the deadline** and electronically via the Funding & Tenders Portal
- Applications must be **complete** and contain a **dissemination and exploitation plan**
- Applications must correspond to the **page limit**

# Eligibility – *to participate & to receive funding*



## EU COUNTRIES

- Member States (**MS**)
- Overseas Countries and Territories (**OCT**) linked to MS



## NON-EU COUNTRIES

- Countries **associated** to Horizon Europe (**AC**)
- **Low & middle-income** countries
- Other countries when announced **in the call** or **exceptionally** if their participation is **essential**



## SPECIFIC CASES

- E.g.,*
- EU bodies
  - (IO):
    - International European research organisations are eligible for funding
    - Other IO can be eligible for funding only exceptionally

# Associated Countries



- **18 Associated Countries (AC):** *Albania, Armenia, Bosnia and Herzegovina, Faroe Islands, Georgia, Iceland, Israel, Kosovo, Moldova, Montenegro, New Zealand, North Macedonia, Norway, Serbia, Tunisia, Turkey, Ukraine and United Kingdom.*
- **Transitional arrangements:** An applicant/legal entity based in a third country **officially candidate for association** to Horizon Europe **is eligible** (*Morocco, Canada*).
  - Those applicants will be treated as entities established in an Associated Country, if the **Association Agreement** with the third country concerned **applies at the time of signature of the Grant Agreement.**

# Eligibility – *to participate*

## *Non-Associated Third Countries*

- **Any legal entity, regardless of its place of establishment** - including legal entities or international organisations from non-associated third countries - is **eligible to participate** (*whether it is eligible for funding or not*).
- Non-associated third country applicants must submit their proposals as **Associated Partners**.
- **EXCEPTION:** entities from **countries subject to EU restrictive measures**.

# Gender Equality Plan

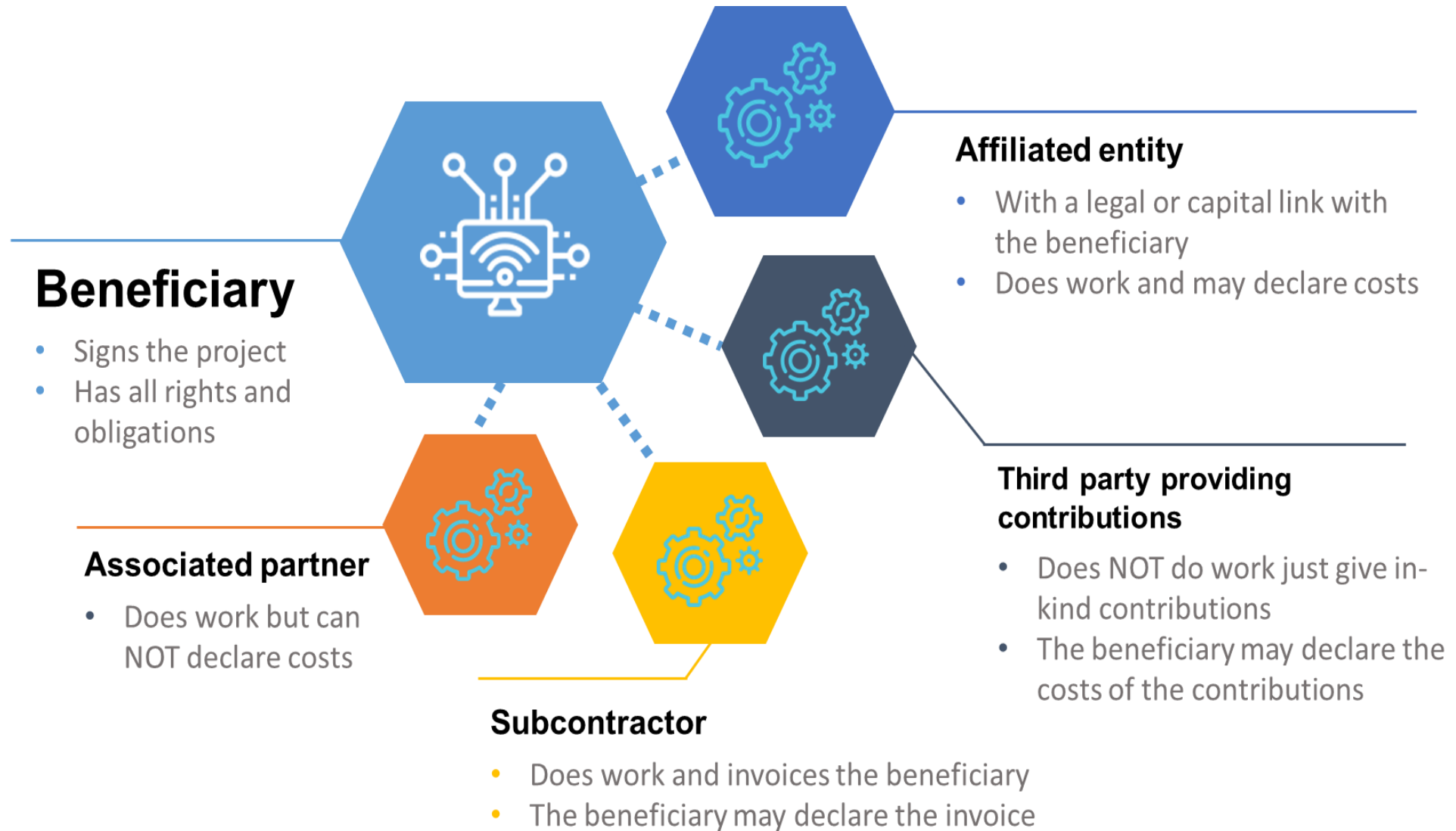
- Having a gender equality plan is an **eligibility criterion** for **Public bodies, Higher Education establishments and Research organisations from Member States and Associated Countries.**
- **It must cover:**
  - ✓ publication: formal document published on the institution's website and signed by the top management
  - ✓ dedicated resources: commitment of resources and expertise in gender equality to implement the plan
  - ✓ data collection and monitoring
  - ✓ sex/gender disaggregated data on personnel and annual reporting based on indicators
  - ✓ training: awareness raising/training on gender equality and unconscious gender biases for staff
- A **self-declaration** will be requested at **proposal stage.**
- **If the proposal is selected, having a GEP will be necessary before GA signature.**

# Consortium

Forming a consortium of applicants is an eligibility criterion:

- ✓ At least **one independent legal entity** established in an EU Member State
- +
- ✓ At least **two other independent legal entities** established either in a different EU Member State or in an Associated Country

# How can you participate in a Consortium?





# Structure of proposals in HE



## NEW IN PART A

- Researchers table – needed to follow up researchers careers (HE indicator)
- Role of participating organisations
- Self-declaration on gender equality plan



## FIELDS MOVED FROM PART B TO PART A

- Ethics self-assessment
- Security questionnaire



## NEW IN PART B

- Glossary of terms
- Consistency on the use of terminology is ensured in all project phases
- Explanations on what exactly should be included in each section

# Ethics review

- EU funded activities must comply with fundamental ethical principles and legislation, including adherence to the highest standards of **research integrity** as described in the **European Code of Conduct for Research Integrity**.
- An ethics review process is carried out systematically in ALL HE proposals, based on a **self-assessment** included in the proposal.

*For more information > [How to complete your ethics self-assessment](#).*

- Projects involving ethics issues will have to undergo an ethics review to authorise funding and may be made subject to specific ethics requirements, which become part of the grant agreement as **ethics deliverables** (e.g., ethics committee opinions or authorisations required under national or EU law).

# Security scrutiny

- Security issues will be checked **systematically** in ALL HE proposals.
- The checks are based on a **self-assessment** included in the proposal.
- **The focus is on:**
  - Whether the proposal uses or generates EU classified information
  - Potential of misuse of results (that could be channeled into crime or terrorism)
  - Whether activities involve information or materials subject to national security restrictions

**Checks based on self-assessment may trigger an in-depth security.**

# Evaluation of proposals

**3 award criteria: 'Excellence', 'Impact' and 'Quality and efficiency of implementation'**

**> But specific EU-Rail sub-criteria - Annex VIII of the EU-RAIL AWP**

Part D of '*Horizon Europe Work Programme 2023-2024 General Annexes*' applies regarding the award criteria, scores and weighting, **with the following additions:**

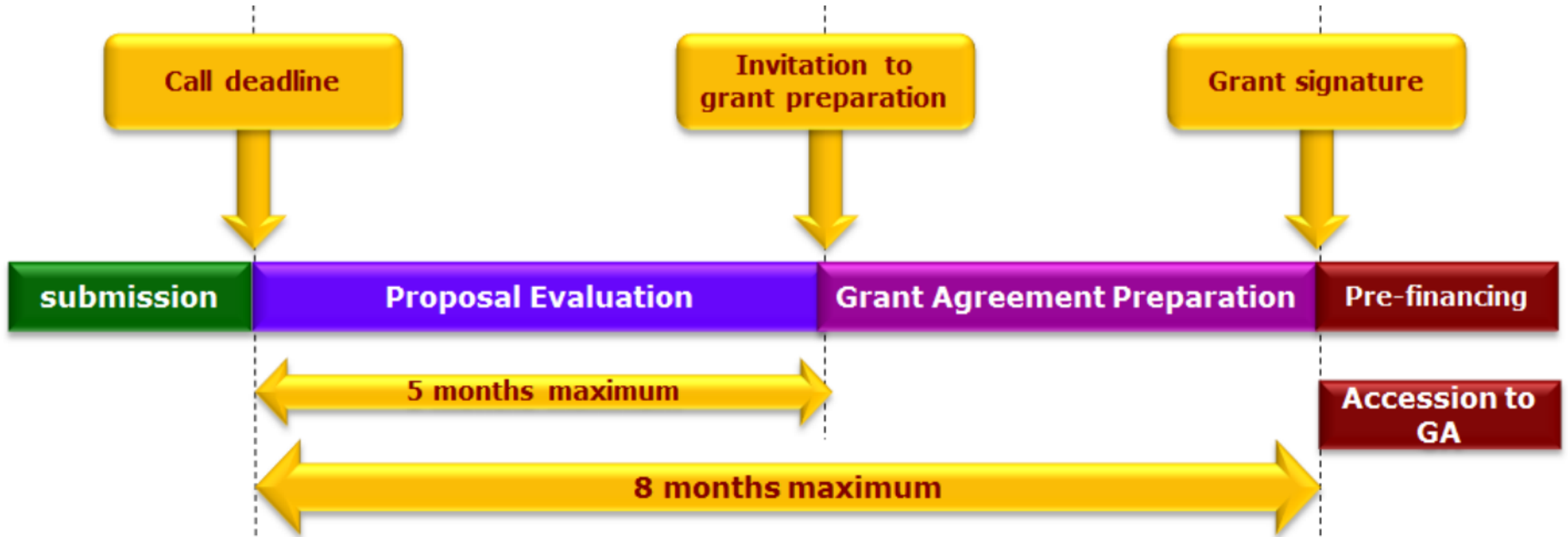
- Excellence: '*quality of the proposed joint activities to achieve the deliverables*'
- Impact: '*quality and credibility of the action to contribute achieving the EU-Rail Master Plan objectives and the expected impact of the EU-Rail Multi-Annual Work Programme*'
- Quality and efficiency of the implementation: '*appropriateness of the project management structure and quality of the proposed coordination*'

# Scores and weighting

- Evaluation **scores** will be awarded for the criteria
- For full applications, **each criterion** will be scored **out of 5**
- The **threshold** for individual criteria will be **3**
- The **overall threshold**, applying to the sum of the three individual scores, will be **10**
- To determine the **ranking** for IAs, the score for '**Impact**' will be given a **weight of 1.5**
- Weighting is only used for the ranking (not to determine if the proposal passed the thresholds)
- Proposals that pass the individual threshold *AND* the overall threshold will be **considered for funding**, within the limits of the available call budget

# Time to Grant

- Information on the outcome of the evaluation: around 5 months from the deadline for submission
- Indicative date for the signing of grant agreements: around 8 months from the deadline for submission



# What does the HE Grant Agreement looks like?



## e-GRANT

The HE grant agreement and its management are **fully electronic**: from the signature of the grant until its end. All actions and communications will flow via the F&T Portal.



## CORPORATE STRUCTURE

The HE grant agreement is based on a **Commission-wide model** (so-called '**Corporate Model Grant Agreement**').



## SPECIFIC ANNEX 5

Some important rights and obligations are part of Annex 5:

- **Security**
- **Ethics**
- **Values**  
(i.e. *gender mainstreaming*)
- **IPR**
- **Communication, Dissemination, Open Science and Visibility**
- **Specific rules for carrying out the action**



# Any questions?

[Info-call@rail-research.europa.eu](mailto:Info-call@rail-research.europa.eu)

- **2024 Call Q&As** published on EU-Rail's [website](#) and on [F&T Portal](#)
- **Useful documents:** [HE WP 2024 General Annexes](#), [HE Programme Guide](#), [F&T Portal Online Manual](#), [Anotated Model Grant Agreement](#), [List of participating countries to HE](#)



# EUROPE'S RAIL INFO DAY CALL 2024

## FINANCIAL GUIDELINES

**Sandro Benidio**

Financial Officer, Europe's Rail Joint Undertaking

# FINANCIAL GUIDELINES

## Horizon Europe - The next EU Research and Innovation investment Programme (2021-2027) and EU-Rail JU

1. **Model Grant Agreement (MGA) and eligibility criteria**
2. **Lump sum detailed Financial Excel table**
3. **Estimated Members' contributions**

# Lump sum – main differences with standard MGA

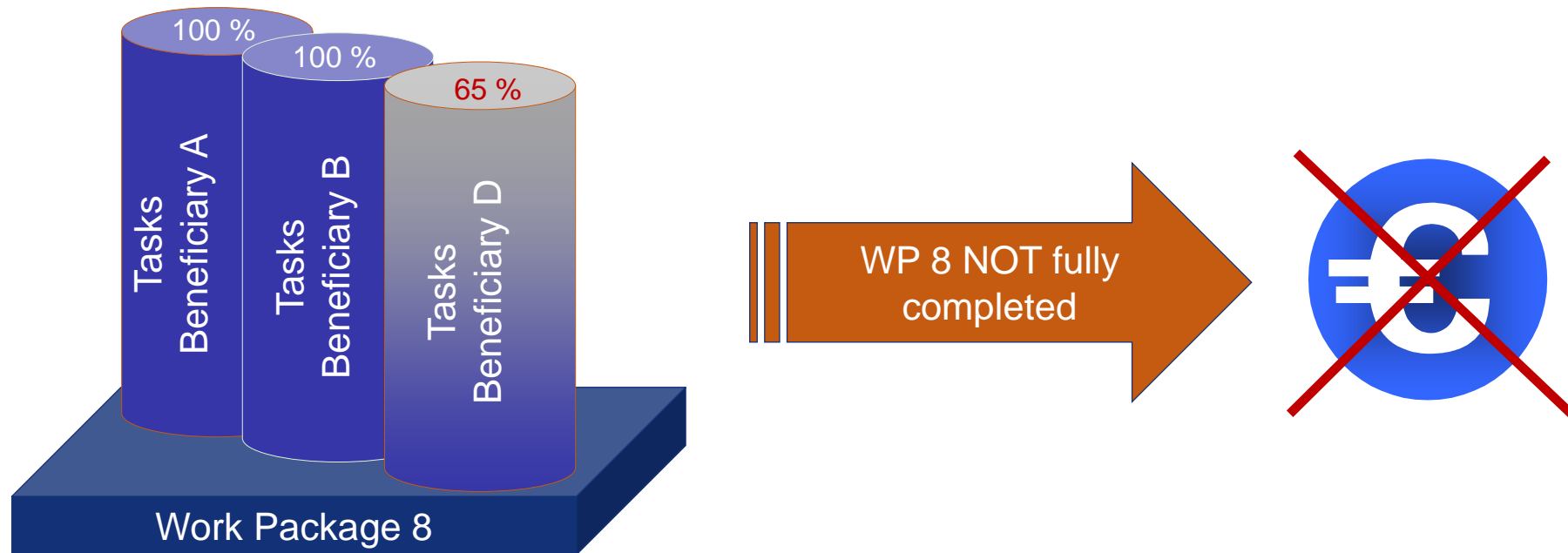
The grant agreement will set out the lump sum (Max contribution: co-funding) corresponding to the **full accomplishment of the work committed in Annex 1**.

The lump sum for the grant is set out at its signature.



# Lump sum – main differences with standard MGA

Work Package and its work (deliverable, milestones, etc.) importance



# Submission – Lump Sum Grants

- For lump sum grants, when the amount of the lump sum is not fixed in advance, the estimated budget must be described in a **detailed budget table**.
- This will be used as a **basis for fixing the lump sum amount**.
- **EC decision** authorizing the use of lump sum contributions under the HE/EU-Rail Programme:

“The detailed cost estimation per work package and per beneficiary and affiliated entity (if any) shall include only costs that would be considered eligible in an actual costs grant. [...] Where relevant, applicants shall declare that they have followed their **own accounting practices for the preparation of the estimated budget**”.

# Submission – Lump Sum Grants

- As the lump sum is an approximation of the costs actually incurred, the costs included in this detailed budget table must **comply with the basic eligibility conditions** for EU actual cost grants (see AGA — Annotated Grant Agreement, article 6).
- This is particularly important for purchases and subcontracting, which must ensure **best value for money** (or, if appropriate, the lowest price) and be free from any conflicts of interest.
- If the **budget table contains ineligible costs, the grants may be reduced** (even later on during implementation of the project, or after they end).

# Lump Sum - Subcontracting

- The principles of subcontracting (**ensuring best value for money, no Col, subcontracting of only a limited part of the action, etc.**) are still compulsory
- BUT are not considered to be additional cost eligibility condition.
- Consequence: **in case of breach, JU may reduce the grant** in proportion to the seriousness of the breach instead of rejecting costs.
- The estimated costs for each subcontract **DO NOT** have to be included in Annex 1 and the total estimated costs of subcontracting per beneficiary are not displayed in Annex 2.
- Nevertheless, **costs of subcontracting MUST BE** indicated in the “**Financial Excel table**” and are part of the lump sum.

# Lump Sum Grants: why?

- Lump sum project funding removes all obligations on actual cost reporting and financial audits (Certificate of Financial Statement and ex-post audits) at project implementation phase – i.e. a **major reduction of administrative burden**.
- **Focus on performance:** shift from focus on financial management and checking costs to focus on scientific-technical content of the projects.
- One lump sum share is fixed in the grant agreement for each work package: this **amount is paid when the activities in the work package are completed** (the payment does not depend on a successful outcome, but on the completion of activities, as confirmed by the JU).



# Lump Sum Grants: keeping records

## We need



- Technical documents
- Publications, prototypes, deliverables
- Who did what?
- ...any document proving that the work was done as detailed in Annex 1

## We don't need



- Time-sheets
- Pay-slips or contracts
- Depreciation policy
- Travel invoices
- ....actual costs

Art 20 lump sum MGA

**HE specific provisions  
*to be considered in submitting the Lump Sum Proposals***

**Personnel costs**



# Personnel costs: main differences with H2020

- Discontinuation of the different formulas (annual and monthly) and options for productive hours (entailing difficult and error-prone calculations).
- No more 'last closed financial year' rule.
- Instead, use of a **single corporate daily rate and calendar year approach.**

## When?

- **per calendar year** (from January to December)
- except for the months running from the end of the last calendar year until the end of the reporting period. For those months, you must calculate **a separate partial daily rate as follows:**
  - {actual **personnel costs** of the person incurred over those months divided by*
  - {215 / 12 (months) x number of months from the January until the end of the reporting period}}*

**HE specific provisions**

**Indirect costs**

# Indirect costs



## What?

**Costs that are only indirectly linked to the action implementation**  
(Art. 6(1) General eligibility conditions of the Horizon Europe MGA)

## continuity

**Flat-rate of 25% of the eligible direct costs**, except subcontracting costs, financial support to third parties and exempted specific cost categories, if any.  
(Art. 6(2)(E) Indirect costs of the Horizon Europe MGA)

## NEW

**Possibility to accept actual indirect costs** allocated via beneficiary's usual key drivers in the unit cost calculation for **internally invoiced goods and services**

# Equipment costs

## *Continuity*

Depreciation costs are **by default** eligible.

**By exception**, full costs may be eligible.

## *Further clarity*

**Optional provisions** addressing the specific case of **assets under construction (e.g. prototype)** and their related **capitalised costs**:

- The **full construction costs** (typically the costs of the personnel involved in the construction of the prototype)
- The **full purchase costs** (typically any component, pieces of equipment bought for the prototype)

# Lump Sum Grant Agreements

## Evaluation



# Lump Sum – evaluation (implementation criteria)

- In complement to the explanation provided in the legal part about the evaluation criteria (previous chapter “excellence / impact / quality and efficiency of the implementation”, for each WP), experts shall in addition :
  - ✓ Check the **budget estimate on the basis of relevant statistical data** or historical data on previously funded and comparable actions (or based on relevant benchmarks on costs and resources such as market prices)
  - ✓ Assess whether the **resources proposed** and the **split of lump sum shares allows achieving the activities** and expected outputs
  - ✓ Verify that proposals include the **declaration** by beneficiaries of having used their **own accounting practices**.

# **Lump Sum Grant Agreements**

## **Ex-post controls**

# Lump Sum – ex-post controls

## Checks, reviews and audits for:



Proper implementation of the action (e.g. technical review)



Compliance with the other obligations of the grant:



IPR obligations

Obligations related to third parties (e.g. financial support)

Other obligations (e.g. ethics, visibility of EU funding, etc.)

Art 25 lump  
sum MGA

No financial audits anymore

## **2. Lump Sum detailed Financial Excel table**

# Instructions:

In this tab, all the necessary instructions on how to fill in the table are shown



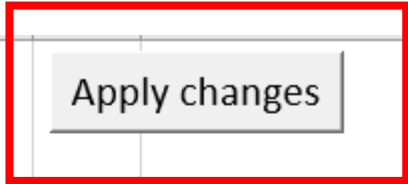
Europe's Rail Joint Undertaking		
Instructions		
	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid gray; padding: 5px; text-align: center;">Go to Beneficiaries and Affiliated Entities list</div> <div style="border: 1px solid gray; padding: 5px; text-align: center;">Go to Work packages list</div> </div>	
GENERAL INSTRUCTIONS	<p>This workbook enables you to present the detailed estimation of costs of your lump sum project and to calculate the lump sum breakdown per work package and per category. It must be uploaded as an additional document at "Fill in proposal" step of proposal submission. This is mandatory. Please note that if you do not upload the Excel workbook, the proposal submission will be blocked.</p> <p>According to the lump sum scheme, the lump sum share for a Work Package (WP) will be paid only when the entire Work Package has been completed. Please take it into consideration while structuring your proposal. Work Packages should be designed in a way that enables to clearly identify whether the action has been completed.</p> <p>We recommend using Excel 2010 or more recent.</p> <p>The only currency used in this workbook is EURO.</p> <p>Enter only <b>round numbers</b> in this workbook.</p> <p>You have to fill in <b>only</b> the following sheets: 'BE list' - 'WP list' - 'BEx' (one sheet for each Beneficiary) - 'Depreciation costs' (if any) and the column D 'requested grant amount' of the 'Budget for proposal sheet'. The appropriate number of individual Beneficiary sheets ('BEx') will be automatically generated with data from the 'BE list' and 'WP list' sheets.</p> <p>You will have to fill in the 'Budget for the proposal' table in the Part A form of the proposal submission tool, entering the requested EU contribution for each participant. We advise you to fill this Part A budget table column using the totals in the beneficiaries columns of the "Lump sum breakdown" table in this Excel workbook.</p> <p>The format of this Excel workbook is <b>.xlsm</b> because it uses macros to generate automatically some data. <b>Always save it as .xlsm</b>. However, this format cannot be uploaded to the submission system for security reasons. So please also <b>save a copy</b> as an <b>.xlsx</b> or <b>.xls</b> document (and not as .xlsm) and upload it to the proposal submission tool, at Step 5 of the submission process. <b>Always keep a copy of the original .xlsm file</b>.</p> <p>To save the workbook as .xlsx document, in Excel click on <b>"File"</b> and then <b>"Save as"</b>; in the "Save as" dialog box, choose <b>".xlsx"</b> or <b>".xls"</b> from the <b>"Save as type"</b> dropdown list.</p>	
	BE LIST	<p>In the <b>'BE list'</b>, you can add as many Beneficiaries and as many Affiliated Entities as you need. To add Beneficiaries, click on the "Add BE" button; to add an Affiliated Entities, click on the "Add AE" button next to the Beneficiary the Affiliated Entity is linked with.</p> <p>For each Beneficiary and each Affiliated Entity, you <b>must</b> choose the appropriate <b>country</b> in the drop-down menu and enter the correct fundin rate. The funding rate of the action is 60% of the eligible costs to achieve the leverage effect established in the SBA. Each consortium may decide internally different funding rates in line with the provisions of Article 34 of Horizon Europe, nevertheless complying with the overall funding rate of 60%.</p> <p>Once you have completed the 'BE list' sheet, you must click the "Apply changes" button to generate the related sheets in the Excel workbook.</p> <p>You can delete a Beneficiary or Affiliated Entity by simply removing the content of the line and leaving it blank. Once your changes are done, you have to click the "Apply changes" button. Be aware that you <b>cannot delete the first Beneficiary</b> of the list. If you delete a Beneficiary from the 'BE list', the BE sheet of this Beneficiary will be saved as a backup only. This sheet will be excluded from the calculation. Please do not forget to also delete the Affiliated Entities linked to this Beneficiary. If you delete an Affiliated Entity, the data of this Affiliated Entity will not be saved as a backup.</p>

# BE List:

In this tab, you should add all the beneficiaries and affiliated entities and **chose the respective funding rate (open field)**. Once completed click on the button “apply changes” and the table will now include a tab for each beneficiary.



List of beneficiaries and affiliated entities				
BE/AE nr	BE/AE name	Acronym	Country	Funding rate
BE1	Beneficiary 1	BE1	BE	60%
BE1-AE1	AE 1 (ben1)	AE1	BE	100%
BE2	Beneficiary 2	BE2	DE	100%
BE2-AE1	AE 1 (ben2)	AE1 (B2)	AT	70%
BE3	Beneficiary 2	BE3	PT	40%



Q&A published on EU-Rail website here: <https://rail-research.europa.eu/participate/call-for-proposals/ongoing-call-for-proposals/>

Q&A nr 9, 10 and 18 about the funding rate → in principle 70% or 100%

# WP List:

In this tab, you should add all the work packages defined for the project and their description. Once completed click on the button “apply changes” and the table will now be ready to complete with the financial information from the beneficiaries and their affiliated entities.



List of Work Packages			Add WP	Apply changes
<i>WP-number</i>	<i>WP-name</i>	<i>WP-description</i>		
WP1	Work Package 1	Description of Work Package 1		
WP2	Work Package 2	Description of Work Package 2		
WP3	Work Package 3	Description of Work Package 3		
WP4	Work Package 4	Description of Work Package 4		

# BE1, 2, 3 and so on – with or without AE:

- The financial information for each beneficiary and their AE (when applicable) should be added in each respective tab and for each respective work package.
- Only the yellow cells can be filled and all the calculations are based on pre-defined formulas
- At the end of the sheet, you can find a summary with the information concerning all work packages and the total costs foreseen for each beneficiary or affiliated entity

BENEFICIARY CALCULATION SHEET							
summary	BENEFICIARY 1: Beneficiary 1			Affiliated Entity: AE 1 (ben1)			
COST CATEGORY	UNITS	COST PER UNIT	BE TOTAL COSTS	UNITS	COST PER UNIT	AE TOTAL COSTS	BE+AE TOTAL COSTS
<b>COSTS WORK PACKAGE 1: WP1</b>							
<b>A. DIRECT PERSONNEL COSTS</b>							
<b>A.1 Employees (or equivalent)</b>							
SENIOR SCIENTISTS (or equivalent in the private sector)	10.00	8000.00	80,000.00			0.00	80,000.00
JUNIOR SCIENTISTS (or equivalent in the private sector)			0.00			0.00	0.00
TECHNICAL PERSONNEL (or equivalent in the private sector)			0.00			0.00	0.00
ADMINISTRATIVE PERSONNEL (or equivalent in the private sector)			0.00			0.00	0.00
OTHERS			0.00			0.00	0.00
A.2 Natural Persons under direct contract			0.00			0.00	0.00
A.3 Seconded Persons			0.00			0.00	0.00
A.4 SME owners and natural person beneficiaries		5,080.00	0.00		5,080.00	0.00	0.00
<b>B. DIRECT SUBCONTRACTING COSTS</b>							
			0.00			0.00	0.00
<b>C. DIRECT PURCHASE COSTS</b>							
<b>C.1 Travel and subsistence</b>							
			0.00			0.00	0.00
<b>C.2 Equipment (complete 'Depreciation costs' sheet)</b>							
Equipment			0.00			0.00	0.00
Infrastructure			0.00			0.00	0.00
Other assets			0.00			0.00	0.00
<b>C.3 Other goods, works and services</b>							
Consumables			0.00			0.00	0.00
Services for meetings, seminars			0.00			0.00	0.00
Services for dissemination activities (including website)			0.00			0.00	0.00
Publication fees			0.00			0.00	0.00
Other (shipment, insurance, translation, etc.)			0.00			0.00	0.00
<b>D. OTHER COST CATEGORIES</b>							
D.1 Financial support to third parties (if applicable in the topic specific conditions)			0.00			0.00	0.00
D.2 Internally invoiced goods and services			0.00			0.00	0.00
D.3 Transnational access to research infrastructure unit costs (if mentioned as eligible in the topic specific conditions)			0.00			0.00	0.00
D.4 Virtual access to research infrastructure unit costs (if mentioned as eligible in the topic specific conditions)			0.00			0.00	0.00
D.5 PCP/PPI procurement costs (if mentioned as eligible in the topic specific conditions)			0.00			0.00	0.00
<b>TOTAL DIRECT PERSONNEL COSTS AND PURCHASE COSTS (A+C)</b>							
			80,000.00			0.00	80,000.00
<b>TOTAL DIRECT COSTS (A+B+C+D)</b>							
			80,000.00			0.00	80,000.00
<b>E. INDIRECT COSTS (25% * (A+C))</b>							
			20,000.00			0.00	20,000.00
<b>F. TOTAL COSTS (A+B+C+D+E)</b>							
			100,000.00			0.00	100,000.00





# Summary per WP:



In this tab, after completing the individual beneficiary sheets, you will find a summary of the participation of all beneficiaries (including affiliated entities) for all the work packages

SUM OF ALL BENEFICIARIES (including AFFILIATED ENTITIES) FOR ALL THE WORK PACKAGES								
COST CATEGORY	ALL BENEFICIARIES (without affiliated entities)		ALL AFFILIATED ENTITIES		ALL BENEFICIARIES (with affiliated entities)		BE+AE TOTAL COSTS	
	UNITS	BE TOTAL COSTS	UNITS	AE TOTAL COSTS	UNITS (TOTAL)	AVERAGE COST PER UNIT		
<b>COSTS WORK PACKAGE: 1 WP1</b>								
<b>A. DIRECT PERSONNEL COSTS</b>								
<b>A.1 Employees (or equivalent)</b>								
SENIOR SCIENTISTS (or equivalent in the private sector)	30.00	240,000.00	0.00	0.00	30.00	8,000.00	240,000.00	
JUNIOR SCIENTISTS (or equivalent in the private sector)	0.00	0.00	0.00	0.00	0.00		0.00	
TECHNICAL PERSONNEL (or equivalent in the private sector)	0.00	0.00	0.00	0.00	0.00		0.00	
ADMINISTRATIVE PERSONNEL (or equivalent in the private sector)	0.00	0.00	0.00	0.00	0.00		0.00	
OTHERS	0.00	0.00	0.00	0.00	0.00		0.00	
<b>A.2 Natural Persons under direct contract</b>								
<b>A.3 Seconded Persons</b>								
<b>A.4 SME owners and natural person beneficiaries</b>								
<b>B. DIRECT SUBCONTRACTING COSTS</b>								
	0.00	0.00	0.00	0.00	0.00		0.00	
<b>C. DIRECT PURCHASE COSTS</b>								
<b>C.1 Travel and subsistence</b>								
<b>C.2 Equipment (complete 'Depreciation cost' sheet)</b>								
Equipment	0.00	0.00	0.00	0.00	0.00		0.00	
Infrastructure	0.00	0.00	0.00	0.00	0.00		0.00	
Other assets	0.00	0.00	0.00	0.00	0.00		0.00	
<b>C.3 Other goods, works and services</b>								
Consumables	0.00	0.00	0.00	0.00	0.00		0.00	
Services for meetings, seminars	0.00	0.00	0.00	0.00	0.00		0.00	
Services for dissemination activities (including website)	0.00	0.00	0.00	0.00	0.00		0.00	
Publication fees	0.00	0.00	0.00	0.00	0.00		0.00	
Other (shipment, insurance, translation, etc.)	0.00	0.00	0.00	0.00	0.00		0.00	
<b>D. OTHER COST CATEGORIES</b>								
<b>D.1 Financial support to third parties (if applicable in the topic specific conditions)</b>								
<b>D.2 Internally invoiced goods and services</b>								
<b>D.3 Transnational access to research infrastructure unit costs (if required in the topic specific conditions)</b>								
<b>D.4 Virtual access to research infrastructure unit costs (if required in the topic specific conditions)</b>								
<b>D.5 PCP/PPI procurement costs (if mentioned as eligible in the topic specific conditions)</b>								
<b>TOTAL DIRECT PERSONNEL COSTS AND PURCHASE COSTS (A+C)</b>								
		240,000.00		0.00	0.00		240,000.00	
<b>TOTAL DIRECT COSTS (A+B+C+D)</b>								
		240,000.00		0.00	0.00		240,000.00	
<b>E. INDIRECT COSTS (25% * (A+C))</b>								
		60,000.00		0.00	0.00		60,000.00	
<b>F. TOTAL COSTS (A+B+C+D+E)</b>								
		300,000.00		0.00	0.00		300,000.00	

# BE-WP person months:

In this tab, after completing the individual beneficiary sheets, you will find a summary of the effort allocated for all beneficiaries (including affiliated entities) for all the work packages



TOTAL PERSON/MONTHS FOR ALL BENEFICIARIES (INCLUDING AFFILIATED ENTITIES) PER WP					
WORK PACKAGES	Beneficiary 1	Beneficiary 2	Beneficiary 2	Total	Percentage
WP1	10.0	10.0	10.0	30.0	40.0%
WP2	10.0	10.0	0.0	20.0	26.7%
WP3	5.0	5.0	5.0	15.0	20.0%
WP4	5.0	5.0	0.0	10.0	13.3%
<b>Total</b>	<b>30.0</b>	<b>30.0</b>	<b>15.0</b>	<b>75.0</b>	<b>100.0%</b>
<b>Percentage</b>	<i>40.0%</i>	<i>40.0%</i>	<i>20.0%</i>	<i>100.0%</i>	

# Lump Sum Breakdown:

In this tab, after completing the individual beneficiary sheets, you will have the necessary information to fill in your annex 2 with a clear description of how much funding will be allocated per beneficiary and affiliated entities based on their declared funding rate



ESTIMATED BREAKDOWN OF THE LUMP SUM PER WORK PACKAGE AND PER BENEFICIARY						
BENEFICIARIES	WP1	WP2	WP3	WP4	Totals	Pct
Beneficiary 1	60,000.00	0.00	30,000.00	0.00	90,000.00	16.2%
AE 1 (ben1)	0.00	100,000.00	0.00	50,000.00	150,000.00	27.0%
Beneficiary 2	100,000.00	0.00	50,000.00	0.00	150,000.00	27.0%
AE 1 (ben2)	0.00	70,000.00	0.00	35,000.00	105,000.00	18.9%
Beneficiary 2	40,000.00	0.00	20,000.00	0.00	60,000.00	10.8%
<b>Totals:</b>	<b>200,000.00</b>	<b>170,000.00</b>	<b>100,000.00</b>	<b>85,000.00</b>	<b>555,000.00</b>	<b>100.0%</b>
<b>Pct:</b>	<b>36.0%</b>	<b>30.6%</b>	<b>18.0%</b>	<b>15.3%</b>	<b>100.0%</b>	

Lump sum share per beneficiary for the GA

# Lump Sum Breakdown into the Budget proposal table:

The lump sum breakdown is used in the budget proposal table for the calculation of the Requested grant amount

## Administrative forms

Proposal ID SEP-210899277

Acronym Test - Nadia DEBZA

## 3 - Budget

No	Name of Beneficiary	Country	Role	Requested grant amount	Income generated by the action	Financial contributions	Own resources	Total estimated income
1	Baird Consulting Scs	BE	Coordinator	100.00	250	50	0	400.00
Total				100.00	250	50	0	400.00

Lump sum share per beneficiary for the GA

?

- Financial contributions: **only for Private Members** (SBA Art.2(5)), the IKOP shall be introduced in the budget proposal table.
- **Own resources**: exclusively by applicants that are not members: non funded-part of their activities
- Total estimated income: **total eligible costs of the action**

### **3. EU-Rail Programme:**

**Specific provisions to be considered by the EU-Rail Private Members' intending to join a consortia for the submission of a proposal**

# GA – table for Annex I Part B “Estimated Members’ Contributions”

- In accordance with the call conditions:

*“The amount of total in-kind contributions (i.e. in-kind contributions for operational activities and in-kind contributions for additional activities) should be no less than **1.263 times the funding request**, in aggregate, of these applicant Private Members.”*

- Any discrepancy shall be well and duly justified.
- **For 1€ of JU contribution, the Private Member shall contribute in addition of 1.263€. Consequently, with a Total Project Costs for the action and additional activities of 2.263€**

# GA – table for Annex I Part B

## “Estimated Members’ Contributions”

ESTIMATED MEMBERS' CONTRIBUTIONS INDICATIVE VALUE PER MEMBER - PROJECT ACRONYM

<b>Members</b> The amount of total in-kind contributions (i.e. in-kind contributions for operational activities and in-kind contributions for additional activities) should be no less than 1.263 times the funding request, in aggregate, of these applicant Private Members. Any discrepancy shall be well and duly justified. (A)	<b>Maximum grant amount - JU contribution</b> (Total value of the lump sum shares for all WP) (B)	<b>Total Contributions of private members - Indicative value</b> (C)	<b>Pct</b> (D) = (B+C)/B	Justification if applicable (E)
Member 1 (aggregated, of the applicant Private Member)	100,00	126,30	2,2630	
Member 2 (aggregated, of the applicant Private Member)	1.000,00	1.263,00	2,2630	
Member 3 (aggregated, of the applicant Private Member)	10.000,00	12.630,00	2,2630	
Member 4 (aggregated, of the applicant Private Member)	125.000,00	157.875,00	2,2630	
Member 5 (aggregated, of the applicant Private Member)		-	-	
Member 6 (aggregated, of the applicant Private Member)		-	-	
Member 7 (aggregated, of the applicant Private Member)		-	-	
Member 8 (aggregated, of the applicant Private Member)		-	-	
Member 9 (aggregated, of the applicant Private Member)		-	-	
		-	-	

1. Fill in the project acronym

4. Any discrepancy shall be well and duly justified (in case % below 2.263)

2. Fill in the Members name

3. Enter the JU contribution (LS share)

The indicative value of contribution and % are automatically calculated



# GA – table for Annex I Part B

## “Estimated Members’ Contributions”

### EU-RAIL & SNS Joint Topic

ESTIMATED MEMBERS' CONTRIBUTIONS INDICATIVE VALUE PER MEMBER - Joint call EU-RAIL & SNS - PROJECT ACRONYM					
<p><b>EU-Rail Members</b> The amount of total in-kind contributions (i.e. in-kind contributions for operational activities and in-kind contributions for additional activities) should be no less than 1.263 times the funding request, in aggregate, of these applicant Private Members. Any discrepancy shall be well and duly justified.</p> <p><b>SNS 3 JU Member</b> Total in-kind Contributions of other members are indicative only (and corresponds at least to the unfunded part of the grant amount)</p> <p>(A)</p>	<p>Membership (EU-Rail or SNS JU)</p> <p>(Cells in Drop Down list)</p>	<p>Maximum grant amount - JU contribution</p> <p>(Total value of the lump sum shares for all WP)</p> <p>(B)</p>	<p>Total Contributions of other members - Indicative value (IKOP+IKAA)*</p> <p>(C)</p>	<p>Pct</p> <p>(D)</p> <p>= (B+C)/B</p>	<p>Justification if applicable</p> <p>(For EU-Rail Members, the justification is required if the amount of total in-kind contributions is less than 1,263</p> <p>(For SNS JU Members, the total contribution is at least the unfunded part of the grant amount)</p> <p>(E)</p>
Member 1 (aggregated, of the applicant Private Member)			-	-	
Member 2 (aggregated, of the applicant Private Member)			-	-	
Member 3 (aggregated, of the applicant Private Member)			-	-	
Member 4 (aggregated, of the applicant Private Member)			-	-	
Member 5 (aggregated, of the applicant Private Member)			-	-	
Member 6 (aggregated, of the applicant Private Member)			-	-	
Member 7 (aggregated, of the applicant Private Member)			-	-	
Member 8 (aggregated, of the applicant Private Member)			-	-	
Member 9 (aggregated, of the applicant Private Member)			-	-	
			-	-	
			-	-	
			-	-	

The total contribution should be added here

IKAA PLAN

IKAA Categories and Types

MembersContribution | SNS IKAA plan | SNS IKAA Categories and types | Sheet2

# GA – table for Annex I Part B

## “Estimated Non-Members’ Contributions”

### EU-RAIL & SNS Joint Topic

ESTIMATED NON-MEMBERS' CONTRIBUTIONS INDICATIVE - Total Project Costs & expected leverage effect - PROJECT ACRONYM

<p><b>For Non- Members</b></p> <p>The total indicative budget in term of Total Project Costs for the project stemming from this topic is indicatively up EUR 68.0 million, which is built from the expected leverage effect up to 5x out of a total maximum EU contribution estimated at EUR 13.5 million. The additional leverage effect, in the case of non-Members to EU-Rail or SNS JUs, is expected to be reached through either reduced co-funding rate, and/or including with actual external investments (e.g. national/private funding), and/or possible non-eligible costs</p> <p>(A)</p>	<p><b>Maximum grant amount - JU contribution</b> (Total value of the lump sum shares for all WPs)</p> <p>(B)</p>	<p><b>Unfunded eligible costs</b> (Total value of the action minus the lump sum shares for all WPs)</p> <p>(C)</p>	<p><b>Additional leverage effect - Indicative value</b></p> <p>(D)</p>	<p><b>Total</b> (E) = (B+C+D)</p>	<p>Complementary information indicating for example the external investment, or other if applicable</p> <p>(F)</p>
Beneficiary 1	20,00	9,00	71,00	100,0000	
Beneficiary 2	20,00	80,00		100,0000	
Beneficiary 3			-	-	
Beneficiary 4			-	-	
Beneficiary 5			-	-	
Beneficiary 6			-	-	
Beneficiary 7			-	-	
Beneficiary 8			-	-	
Beneficiary 9			-	-	
			-	-	
			-	-	
			-	-	
			-	-	
			-	-	
			-	-	

No need to use leverage because the unfunded part already covers the ratio

Leverage to be applied in order to reach the 5x ratio of funding

# EUROPE'S RAIL INFO DAY CALL 2024

## LEGAL AND FINANCIAL GUIDELINES

Q&A

# MATCH-MAKING SESSION

**12.00-13.00**



# EUROPE'S RAIL INFO DAY

ONLINE

9  
February  
2024



@EURail\_JU



Europe's Rail Joint Undertaking

# Founding Members

