

Shift2Rail Joint Undertaking (S2R JU)

29th MEETING OF THE S2R JU GOVERNING BOARD

25th November 2021

9h30 – 11h30

Remote connection

PRESENT:

European Union, represented by the European Commission	SCHMIDT Kristian, DG MOVE	Chair
	FIMIN Ana-Maria, DG MOVE	Observer
	FITCH Keir, DG MOVE	Observer
	BIRD William, DG RTD	Observer
	CLEUREN John, DG RTD	Observer
ALSTOM	CASTRES SAINT MARTIN Nicolas	Member



ALSTOM	FRENCH Richard	Alternative Member
AZD Praha		
BOMBARDIER	Represented by Alstom	
CAF	DE CASTRO Jorge	Alternate Member
DEUTSCHE BAHN	MARXEN Ralf	Alternate Member
EUROC	JOAO HEITOR	Alternate Member
HACON	DEITERDING Lars	Alternate Member
HITACHI RAIL STS	TROMBETTA Antonella	Member
INDRA	LIZANO Javier Rivila	Member
KNORR - BREMSE	HILSE Hans-Christian	Member
	ERTL Martin	Alternate Member
NETWORK RAIL	AMPOMAH Robert	Member
SIEMENS	SCHLAHT Jürgen	Alternate Member
SMART DEMAIN CONSORTIUM	SAMSON Henk	Member
SMARTRACON CONSORTIUM	Michael MEYER ZU HÖRSTE	Alternate Member



SNCF	CHERON Christophe	Alternate Member
THALES (Industrial Spokesperson)	PERREAL Yves	Member
TRAFIKVERKET	OLSSON Bo	Alternate Member
VVAC+	KITANOSKI Filip	Member
European Railway Agency	GIGANTINO Anna	Observer
Chairperson of the States Representative Group	BITTNER-KRAUTSACK Sarah	Observer
Vice-Chairperson of the States Representative Group	HALTUF Miroslav	Observer
Chairperson of the Scientific Committee	DI FEBBRARO Angela	Observer
FAIVELEY Transport	TIONE Roberto	Observer
TALGO	GONZALEZ MORENO Alfredo	Observer
S2R	BORGHINI Carlo	Executive Director
	TRAVAINI Giorgio	Observer



	DECLERFAYT Vincent	Observer
	GONZALEZ GARCIA Isaac	Observer
	KANIA Magdalena	Observer



LIST OF DECISIONS:

The following decisions were taken by the Board:

- GB n° 07/2021 amending Decision of the Governing Board N°01/2021 on the Annual Work Plan and budget for 2021
- GB n° 08/2021 on the Annual Work Plan and budget for 2022
- GB n° 09/2021 on the non-award of the Inducement Prize S2R-Utrain-Prize-01-2020



OVERVIEW OF DISCUSSIONS:

INTRODUCTION

The 29th meeting of the Shift2Rail Governing Board was chaired by Mr Kristian Schmidt (DG MOVE). The Chair welcomed the participants to the Governing Board meeting. The meeting was held remotely via MS Teams.

The Chair indicated that all documents relating to the meeting, including the draft GB decisions with Annexes, were distributed in advance to the participants according to the Rules of Procedure. He briefly discussed the Agenda items.

1. WELCOME FROM THE CHAIR AND ADOPTION OF THE AGENDA

The Chair presented the Agenda to the Governing Board for adoption. The Executive Director proposed to change the order of the Agenda in the *items for decision* section. He proposed to start the section with point 7 (*DECISION APPROVING THE RANKED LIST OF INNOVATIVE SOLUTIONS TO BE AWARDED UNIQUE TRAIN PRIZE UNDER THE SHIFT2RAIL CALL FOR PROPOSALS (S2R-UTRAIN-PRIZE-01-2020)*), followed by the point 5 (*DECISION AMENDING DECISION OF THE GOVERNING BOARD 08/2020 ON THE ANNUAL WORK PLAN AND BUDGET FOR 2021*), and point 6 (*DECISION ON THE ANNUAL WORK PLAN AND BUDGET FOR 2022*).

The Agenda has been adopted and the new sequence of items has been accepted, as per below:

1. WELCOME FROM THE CHAIR AND ADOPTION OF THE AGENDA <i>Declarations of conflict of interest based on the Agenda items</i>	09.30
2. INFORMATION FROM THE COMMISSION	
3. REPORT OF THE EXECUTIVE DIRECTOR ON S2R JU ACTIVITIES	
4. ADOPTION OF THE MINUTES OF THE GB OF 22 June 2021	10.00
ITEMS FOR DECISION OF THE GOVERNING BOARD	
5. DECISION APPROVING THE RANKED LIST OF INNOVATIVE SOLUTIONS TO BE AWARDED UNIQUE TRAIN PRIZE UNDER THE SHIFT2RAIL CALL FOR PROPOSALS (S2R-UTRAIN-PRIZE-01-2020)	10.45
6. DECISION AMENDING DECISION OF THE GOVERNING BOARD 08/2020 ON THE ANNUAL WORK PLAN AND BUDGET FOR 2021	10.15
7. DECISION ON THE ANNUAL WORK PLAN AND BUDGET FOR 2022	10.30



ITEMS FOR DISCUSSION OF THE GOVERNING BOARD	
8. LETTER OF DG BUDGET ON THE TERMINATION OF THE ACCOUNTING OFFICER SERVICES	11.00
9. UPDATE ON EU-RAIL EUROPEAN PARTNERSHIP and INFORMATION FROM THE COMMISSION ON THE TRANSITION TO EUROPE'S RAIL	
ANY OTHER BUSINESS	
10. AOB	11.30
- PRESENTATION OF KPI MODEL RELEASE 4.0 AND MODE CHOICE MODEL	
- INDICATIVE LIST OF DOCUMENTS TO BE ADOPTED BY WRITTEN PROCEDURE OR AT THE NEXT BOARD MEETING	
- INDICATIVE DATES OF THE NEXT JU MEETING(S)	

No conflict of interest has been raised by any of the participants to the meeting in relation to the various agenda items.

2. INFORMATION FROM THE COMMISSION

The Chair informed the participants that the 29th meeting of the Governing Board is the last meeting of the Shift2Rail Governing Board. He underlined that the Shift2Rail Joint Undertaking will cease to exist on 30th November 2021 with entry into force of the Council Regulation establishing successors of the current joint undertakings. From 30th November until the first Governing Board of EU-Rail on 21st December, the Europe's Rail Joint Undertaking will be in a suspended period with no power to execute and manage the budget. For this reason, as informed, the decisions to be taken by the current Governing Board (points 5, 6, 7) aim at facilitating the transition from Shift2Rail JU to EU-Rail in financial terms.

On behalf of Rosalinde van der Vlies from DG RTD, the Chair informed the GB about the research activities performed by the Commission. As underlined, the Horizon Europe programme has been launched, and the first evaluation results had been already communicated to the applicants. The Council Regulation (Single Basic Act) will officially establish the European partnerships. Apart from the SBA, other partnerships have been successfully launched, including co-programmes related to mobility (e.g. CCAM, 2Zero, and batteries partnership). The Chair reminded participants that under the Horizon Europe programme, the partnerships and joint undertakings are expected to make use of synergies between them. Finally, he informed that the Commission has launched the missions under the Horizon Europe programme. He mentioned the Climate-Neutral and Smart Cities mission as relevant in terms of the objectives of the EU-Rail.



3. REPORT OF THE EXECUTIVE DIRECTOR ON S2R JU ACTIVITIES

For additional details, please refer to the presentation.

The Executive Director provided an overview of the Shift2Rail JU activities since the last Governing Board in June 2021. He reported that during the months of September and October a series of projects' reviews has been conducted.

In the technical part of the report, the Executive Director informed about the meetings of the ED Programme Board on 18th November and the EDDP DAC meetings. He pointed out that the recent ED Programme Board had discussed progress in terms of Shift2Rail JU inputs to the TSI revision process (e. g. ATO, on-board architecture). He also reported on the progress in DAC delivery programme. As informed, the EDDP DAC Programme and Supervisory Boards had selected a latch type (Scharfenberg) as the European DAC head type. He informed about the ongoing LLC studies on the selected coupler. He also informed about the proposed amendment to the Annual Work Programme 2021 (AWP21) that concerns launching a study on DAC Investment Plan Study (the item discussed in detail under point 5 of the Agenda).

In terms of communication activities, the Executive Director briefly presented the past events with a focus on Hack 2 Rail, a Hackathon event that took place in October 2021. The jury, co-chaired by Kristian Schmidt (DG MOVE) and Rosalinde van der Vlies (DR RTD) selected three winning teams. He informed that the winners of the Hackathon will be invited to the Shift2Rail Innovation Days to present the awarded results on 10th December 2021.

The Chair congratulated Shift2Rail JU on the successful Hackathon event. The representative of Siemens, Jürgen Schlaht, thanked and congratulated all the parties engaged in the organization of the meeting. He requested to add the links to the videos of awarded teams to share the results with broader audience. The links were added to the Minutes.

4. ADOPTION OF THE MINUTES OF THE GB OF 22 JUNE 2021

The Chair invited the participants to comment on the minutes of the 28th Governing Board meeting.

The Shift2Rail Governing Board adopted the minutes of the 28th meeting without changes.



ITEMS FOR DECISION OF THE GOVERNING BOARD

5. *DECISION ON THE NON-AWARD OF THE INDUCEMENT PRIZE S2R-UTRAIN-PRIZE-01-2020*

The Executive Director provided an overview of the inducement prize – Unique Train Prize. He informed that the Inducement Prize was launched based on the Annual Work Programme 2020 (AWP20) under the Horizon2020 rules of participation. He briefly introduced the objectives of the prize and the expected results. He also described the selection process with regard to the two-step procedure. He reminded that the Governing Board received the report about the evaluation process under the confidentiality clause.

The Executive Director informed the Governing Board that the jury decided not to select either of the two finalist applications neither as a winner nor as 1st runner-up due to the insufficient quality of the proposals and demonstrations.

Based on the results of the evaluation, the Executive Director proposed to the Governing Board to take the decision on the non-award of the inducement prize. He also proposed to reallocate the price budget of 500 000 EUR to the framework contract on ERTMS. Such a proposal has been communicated to the Governing Board in the documents supporting the decision on amendment to the AWP21.

The Chair stressed that the objectives of the Prize and the timeline provided were reasonable. He asked the Executive Director about the potential reasons of lack of acceptable and feasible proposals. The Executive Director reported that jury duly performed its work and concluded accordingly. Nevertheless, he mentioned that the inducement prize did not attract the proper audience to the extent expected.

The representative of Deutsche Bahn, Ralf Marxen, commented on the allocation of prize budget. He proposed to allocate the budget to the activities of the DAC delivery programme. He mentioned the achievements of the programme and the interest it had gained among the Member States. He reported that the newly appointed government in Germany had mentioned DAC in the coalition agreement. The representative of Alstom, Nicolas Castres Saint Martin, endorsed the argument about the reallocation of prize budget to DAC activities. He asked if there are any solutions to transfer the budget to the DAC programme. The representative of Smart Rail Control (SmartRaCon), Michael Meyer zu Hörste supported the reallocation of budget to the ERTMS contract. He mentioned that there are many activities under the contract that lack sufficient budget. The Vice-Chairperson of the States Representative Group, acting as an observer, suggested to consider the allocation of the remaining budget to the ERTMS



contract and to address with the money specific activities (e.g. less density lines, regional lines).

The Executive Director explained that, considering the current timeline, the only possibility is to allocate the available budget appropriations to existing contracts of the JU, especially when they can support the achievement of key priority areas such as the preparedness of the ERTMS for the market uptake of the S2R Game Changers. Also, the DAC is part of these activities, expected to be included in the TSI 2022 package.

He requested the Governing Board to vote on the decision on the non-award of the inducement prize and reallocation of budget appropriations to the ERTMS contract.

Decision

The Governing Board adopted Decision n° 09/2021 on the non-award of the Inducement Prize S2R-Utrain-Prize-01-2020

6. DECISION AMENDING DECISION OF THE GOVERNING BOARD N°01/2021 ON THE ANNUAL WORK PLAN AND BUDGET FOR 2021

The Executive Director introduced the Governing Board with the amendment to the Annual Work Plan and Budget for 2021. He pointed out that with the launch of the Europe's Rail Joint Undertaking, certain projects of the Shift2Rail JU will be ongoing in 2023. He reminded that the unspent resources of Shift2Rail JU would be transferred to the EU-Rail, reducing in this way from the Union contribution ste for EU-Rail. The proposed amendment to the AWP21 considers three additional activities:

- A study on the European high-speed railway network in Europe, proposed jointly by the associations of CER and UNIFE, also a priority of the Sustainable and Smart Mobility Strategy of the Commission
- European DAC delivery programme Investment Plan Study
- Increase of the ERTMS framework contract to support the TSI specification process to accelerate the market uptake of the S2R solutions creating a consistent baseline.

The Executive Director informed the Governing Board that the payment appropriations of 17.5 million EUR will be transferred to 2022. The transfer is related to delayed submissions or the need to review deliverables of some Shift2Rail JU projects. The payments are expected to be executed early in the first quarter of 2022.



The Industrial Spokesperson, Yves Perreal, raised a question about the budget allocation to the proposed activities on high-speed study and DAC-related study. He also asked if the part of the ERTMS contract would be allocated to the System Pillar ramp-up.

The Executive Director confirmed that under the ERTMS contract, the resources may also be allocated to the S2R system architectural activities that will be set the basis for the future System Pillar. The discussion on the specific needs in ERTMS contract will follow in the coming weeks and formalized in Specific Contracts. In terms of the budget proposed for the studies, the Governing Board has been informed that there are discussions ongoing with the UNIFE and CER. The estimated amount of money to be allocated to both studies is approximately 0.4 million EUR. The study on high-speed will be commissioned as a joint study with the associations that will also allocate their own resources.

The representative of ERA, Anna Gigantino, commented on the studies to be performed. She noted ERA had expressed a need to conduct research on bridge dynamics. The need had been partially addressed by the Shift2Rail project, however, it did not reach the stage to contribute to the TSI. She expressed disappointment that the following topic had not been proposed among the additional studies.

The Executive Director confirmed that part of the work had been conducted under the scope of Innovation Programme 3. He also stressed that it remained an open point to further address the topics of IP3 under EU-Rail programme if such needs are maintained; it can be included in the first AWP2022 of the future EU-Rail, subject to the agreement of its future GB.

Decision

The Governing Board adopted Decision n° 07/2021 amending Decision of the Governing Board N°01/2021 on the Annual Work Plan and budget for 2021

7. DECISION ON THE ANNUAL WORK PLAN AND BUDGET FOR 2022

The Executive Director introduced the proposed decision on the Annual Work Plan and Budget 2022. He explained that the decision is critical to mitigate the risks associated with potential delay of the EU-Rail's launch that would go beyond 2021. He reminded that in transitional period the Scientific Committee and the States' Representative Group would not be appointed in a time necessary to deliver their opinions for the adoption of the AWP2022 of the new JU. In fact, according to the legal provisions, these two bodies are requested to deliver their opinions on the annual work programmes before the decisions are adopted by the Governing Board.



Decision

The Governing Board adopted Decision n° 08/2021 on the Annual Work Plan and budget for 2022

ITEMS FOR DISCUSSION OF THE GOVERNING BOARD

8. LETTER OF DG BUDGET ON THE TERMINATION OF THE ACCOUNTING OFFICER SERVICES

The Executive Director informed the Governing Board about the note received from DG BUDGET on the termination of DG BUDGET's accounting services performed for the Joint Undertakings. In light of the note, Shift2Rail JU introduced the topic of accounting officer to the Governing Board as an item for discussion, as it is in the power of Governing Board to appoint an accounting officer to the JU. The Executive Director suggested that the Governing Board provides him with the mandate to explore different solutions and alternatives to the DG BUDGET's services. He also presented to the Governing Board some solutions/ approaches that could be considered to address this upcoming gap (e.g. accounting services embedded in the JU; support for training; additional positions for contractual agents).

The Governing Board agreed with the proposal of the Executive Director and mandated the latter to discuss with the other JUs to explore different alternatives and propose a solution.

9. UPDATE ON EU-RAIL EUROPEAN PARTNERSHIP AND INFORMATION FROM THE COMMISSION ON THE TRANSITION TO EUROPE'S RAIL

The representative of DG MOVE, Keir Fitch, provided an update on the EU-Rail European partnership, with the focus on the set-up launch and its first activities to be conducted. He discussed the structure and powers of regulatory bodies of the Europe's Rail Joint Undertaking – Governing Board, States' Representatives Group, the System Pillar Steering Group and Deployment Group.

In terms of the Governing Board, he reminded that the members of the Shift2Rail Governing Board from the parties that will not be participating in the EU-Rail would no longer be members of the Governing Board of Europe's Rail. He stressed that due to ongoing projects of Shift2Rail in the next years, the non-EU-Rail parties will be involved to certain extent in different form (e.g. IP Steering Committees will be maintained). He reminded that the rights - receiving funding in grants under the



ongoing Members' projects of the S2R JU - and obligations – eg running costs – of the current Members of the JU are maintained, as Europe's Rail is the universal successor of S2R.

The representative of DG MOVE, Keir Fitch, informed about the status of third countries. He underlined that the entities from Switzerland are not permitted to be involved in Horizon Europe programme based on the recent information. For the entities from Turkey and the United Kingdom, the association agreements would provide a basis for involvement.

In terms of States' Representatives Group, he commented on the changes to the structure of the SRG stipulated in the Single Basic Act. He pointed out that according to the SBA, the representatives of the SRG should be also engaged in the policy process through the provision of the opinion on the JU multi-annual work programmes and estimated expenditures.

In terms of the Master Plan of the Europe's Rail Joint Undertaking, he informed about the ongoing sector consultation that will close on 26th November. He also informed that on 19th November the public hearing had been organized during which the interested parties could have commented on the Master Plan. He briefly referred to the further procedures of the Master Plan's consolidation and adoption.

The Vice-Chairperson of the States' Representatives Group commented that on the slides presented by the Commission there is no reference to the representatives of the SRG as observers in the Governing Board of EU-Rail. He requested to add this information.

The NR representative, Robert Ampomah, asked for the clarification of the role and engagement of the non-EU-Rail members who are already participating in the Shift2Rail JU.

The representative of Knorr-Bremse, Hans-Christian Hilse, thanked for the references to the calendar of 2022 with the indicative schedule of activities. He stressed that it is important from the point of view of particular flagship areas (e.g. flagship areas 5) to avoid any delays in the timeline proposed.

The Industrial Spokesperson, Yves Perreal, paid attention to the mistake on the slides provided by the Commission with respect to the names of flagship areas 1 and 2. He also asked for the clarification of interaction between the System Pillar and the Innovation Pillar.

The representative of the DG MOVE, Keir Fitch, ensured that the corrections would be implemented to the presentation. He confirmed that the SRG will have a role as an observer in the Governing Board. He confirmed that in the negotiation in the Council, the SRG had gained more important role in EU-Rail



compared to the SRG of Shift2Rail JU. In terms of engagement of Shift2Rail members who would not be the EU-Rail members, he confirmed that the Shift2Rail projects will continue with the same participants. He also reminded that the consultation on the Master Plan is open to the public and any interested party may contribute, including the non-EU-Rail entities. He also mentioned about the possibility emerging from the associated membership. In terms of launching the activities, he confirmed the willingness to proceed according to the calendar. In terms of interaction of the System Pillar and Innovation Pillar, he stressed that the topic is extensively discussed with the Candidate Founding Members. He confirmed that the dialogue will continue to deliver a common template with division to specific topics to be covered by the pillars.

The representative of the DR RTD, John Cleuren, commented that the Single Basic Act provides an opportunity to launch a call for associated members. He reminded that the budget is important in this respect and there are ongoing internal discussions on this issue within the Commission. He also reminded that it is the capacity of the Governing Board of EU-Rail to decide on launching a call.

The Chairperson of the States' Representatives Group, Sarah Bittner- Krautsack informed the Governing Board that the SRG of Shift2Rail launched an informal process of collecting the names of persons to be appointed as the Member States' representatives in the EU-Rail body. She expressed her hope that this informal procedure will accelerate the process of selection.

The Executive Director summarized the discussion. He underlined the ambitious timeline of the EU-Rail programme. He also added that during the first years of EU-Rail existence, there will be parallel Shift2Rail projects ongoing.

10. ANY OTHER BUSINESS

1. PRESENTATION OF KPI MODEL RELEASE 4.0 AND MODE CHOICE MODEL

The representative of DLR, Filiz Kurt, provided a presentation about the KPI status with specification of KPI targets in LCC, capacity, and punctuality. She presented the results based on the desegregation to respective IPs (IP1, IP2, IP3, IP5). The presentation overviewed the annual update on the KPI model prepared by the experts. As shown, the positive results were achieved in LLC for freight; in capacity for regional and freight; and in punctuality for regional and freight. She discussed the methodology behind the assessment and the level of accuracy.



The representative of Trafikverket, Ida Kristoffersson, presented shift model linked to the KPI. She provided a presentation about the modal shift model with regards to objectives, model description, and results for high-speed, regional lines, metro, and freight rails.

The Industrial Spokesperson, Yves Perreal, asked the methodology behind the assessment of urban rails. He commented that data has been gathered during the peak hours and asked if any data has been also gathered for non-peak hours. The representative of Trafikverket, Ida Kristoffersson confirmed that the data has been gather during the peak-hours only in order to reflect better the objectives of the exercise.

**2. INDICATIVE LIST OF DOCUMENTS TO BE ADOPTED BY WRITTEN PROCEDURE
OR AT THE NEXT BOARD MEETING**

There are no documents to be adopted by written procedure.

3. INDICATIVE DATES OF THE NEXT MEETING(S):

The 29th meeting was the last meeting of the Shift2Rail Governing Board. The 1st Governing Board of Europe's Rail Joint Undertaking, the successor of Shift2Rail JU, is indicatively scheduled for 21st December 2021.

The Chair informed the Governing Board that due to retirement in the coming weeks, William Bird from DG RTD will no longer participate in the meetings of the Governing Board. The Chair thanked him for the work on railway and efforts during his career in the European Commission. William Bird thanked all the participants for the collaborative work over the years and he expressed his satisfaction with the evolution of the research on railways in the European Union.

Done in Brussels on 25 November 2021.

Signed:

Henrik HOLOLEI

Chairman of the Governing Board

