Minutes of Meeting – 7th meeting of the Scientific Committee of Shift2Rail

Shift2Rail

Project:	SC	**Date/Time:**	19 June 2017, 10:30 – 15:30
Meeting Type:	Scientific Committee	**Location:**	White Atrium Building, Brussels
Meeting Coordinator:	Sebastian Stichel	**Issue Date:**	3/07/2017

Attendee Name *(present)*	Initials	Organisation
Sebastian STICHEL	SS	SC Chairperson
Angela DI FEBBRARO	ADF	SC member
François LACÔTE	FL	SC Vice-Chairperson
Tatiana MOLKOVA	TM	SC member
Chris NASH	CN	SC member
Jana PIERIEGUD	JP	SC member
Christos PYRGIDIS	CP	SC member
Juan de Dios SANZ BOBI	JDDSB	SC member
Mehmet Turan SÖYLEMEZ	MTS	SC member (partially via teleconference)
Teresa.PEREIRA-COUTINHO	TPC	DG MOVE (partially via teleconference)
NY Tiana Tournier	NTT	EUAR
Carlo Borghini	CMB	S2R
Alexandra Gurau	AG	S2R

1. Introduction - roundtable	10:30 – 10:45
2. Approval of the meeting agenda and previous MoM	10:45– 10:50
3. Conflict of interest: declarations	10:50– 10:55
4. State of play – information from the Shift2Rail JU Latest developments, ongoing activities followed by an exchange of views	10:55 – 11:15
5. Update on the status of the Multi Annual Action Plan (MAAP parts A and B) SC input: - strategic view on long term strategy, new technologies, etc. - business case	11:15 – 12:15
6. Advise on the scientific and technological priorities to be addressed in the annual work plan 2018 SC input especially on 2018 draft project text*	12:15 – 13:15
Lunch	13:15 - 14:00
7. Follow-up of discussions in ERRAC on the SC role: next steps SC input	14:00 – 14:30
8. Calendar of the SC and S2R activities and discussion on long term strategy for rail research SC input	14:30 – 15:00
9. Prize for papers and/or new TRA competition, Innovation Days	15:00 – 15:20
10. AoB and conclusions Next steps and date of next meeting	15:20 - 15:30

Summary of the Meeting	
Topic	
Item 1	**Introduction and roundtable** *Welcome from the Chairperson* The Chairperson, Mr Stichel, welcomed the participants at the 7th meeting of the Scientific Committee (SC). A roundtable of presentations followed. Mehmet Turan SÖYLEMEZ (MTS) and DG MOVE representative attended via telephone conference.
Item 2	**Approval of the meeting Agenda and previous MoM** No comments were received on the minutes of the previous meeting and these were approved.

	The SC members agreed on the agenda of the meeting (Annex I).
Item 3	**Conflict of Interest: declarations** The declarations for Conflict of Interest (CoI) were circulated and signed. Mr. Iwnicki (SI) asked what the status of the COI policy within the JU is. Carlo Borghini (CMB) pointed out that COI proposals were submitted to the GB but the Commission was not yet in a position to approve it. A decision on the matter is expected at the next GB meeting in October. CMB also informed the SC about the current open position within the JU for a post of legal officer and about the departure of Sebastien Pechberty (legal officer).
Item 4	**State of play – information from the Shift2Rail JU** *Latest developments, ongoing activities followed by an exchange of views* CMB and Alexandra Gurau (AG) presented the latest developments related to the S2R activities detailed in the annexed slides (Annex II), focusing on the following points: • Call 2017 - evaluation: it was the first time that the JU asked the IP leader to be present in the evaluation of the proposals submitted under the open calls for non-JU members (OC). This was considered a very good experience that highlighted how important the drafting of topics for OCs is. • AG highlighted that the results of the 2017 call are publicly available on the S2R website and that the grant preparation started for 7 CFM and 10 OCs projects. S2R will ensure that 2017 projects' implementation will start on time, i.e. not later than 1 Sept 2017. • The 1st review of the Members' projects is positive. The projects are progressing well with minor exceptions. This review was a useful exercise that should smoothen the next technical reporting of the Members' projects. • Annual Activity Report 2016: CMB pointed out that the AAR was approved at the GB meeting on 7 June and thanked the SC for their input on the draft document. • Governance of S2R: CMB informed about Hacon's took over by Siemens and that Thales is selling the ticketing part. The impact on the governance of the JU is being analysed. In the meantime, the JU invited the AMs for discussion on the R&I areas to tackle in S2R to make best use of the 5.6 M€ available. • SC call: CMB informed that the JU will launch a call for candidacies to cover the vacant position within the SC with an envisaged deadline end of September. • He also mentioned the need for a discussion with the SC on the way of working of the committee. He pointed out that there should be better links between the SC, the H2020 Transport Committee and other advisory groups of the Commission (i.e. European Technology Platforms). It is important to consider ways of ensuring continuity and changes, while maintaining maintain a strong railway SC and refreshing membership at the same time. This could cover the introduction of the concept of rotation (i.e. one third of the members every 3 years). The SC agreed to the idea of rotation. • **The JU will check the way of working of the SC in other JUs and will present a proposal to the SC by the next meeting.** • KPI: CMB informed about the discussions on KPIs between IMPACT-1 project and the IPs. The KPI IMPACT-1 is integrating the input from the TDs in the Integrated Assessment of the System Platform Demonstrators (SPD-IA) in a top-down approach. The project is developing the concept and the tool and the content is coming from the Members. He anticipated that a workshop on KPIs will be held in the end of 2017. The SC offered support to the KPI exercise when first results will become available.

Item 5	**Update on the status of the MAAP**
	- CMB informed on the status of the revision of the MAAP. Part A - the top-down vision/executive summary document linking with the objectives of the Master Plan – went through big improvements, it has some excellent parts, on the vision, structured around capabilities and then building blocks - CMB thanked the SC for the contribution to the drafting of Part A of the MAAP - SS supported the proposed approach of using the "Capabilities" to define R&I areas, including what is needed for long-term approach, as basis for a future research agenda that might be developed as cooperation between the S2R SC and ERRAC rather than the SC committee alone starting with a white paper again. CMB underlined the importance of interoperability as a key capability to build the railway system of the future. - Chris Nash (CN): appreciated that the business case appears in the MAAP. Yet, it is far too general, more a definition than how the business case will be developed or judged. It is extremely important to show how the competitors will look like in the future and how rail will they be able to gain the market share. He also pointed out that the digital revolution is important for all modes beyond rail and the impact on other modes was unbalanced in the document. CMB recalled that the other modes focus in their documents on their competitive advantage, don't make reference to other modes. - SI informed the SC about RSSB's Rail technical strategy which includes different rail capabilities (more final results expected) than the ones in the S2R MAAP: confusion should be avoided between the two. - Part B of the MAAP – the technical details to achieve the S2R vision - AG informed that Part B is now with the IPs Ste COs for final input. The JU will circulate the consolidated version of Part B to the SC shortly and ask for feedback.
Item 6	**AWP 2018**
	- AG presented the calendar for the AWP 2018 and recalled that the last version of the AWP 2018 along with a document explaining how the SC comments were taken into account by the IPs were circulated to the SC. - CMB explained that the AWP 2018 will be finalised by July and circulated to GB just before or after the summer break. - The SC appreciated the quality of the current version of the AWP 2018 - The SC stressed the recurrent issue on the TRL levels that are rising to relatively high levels which leaves very little room for blue-sky research to address long-term needs of the rail sector etc. CMB agreed there is a need to ensure that blue-sky research, applied research and demonstration activities are duly addressed through the most adequate involvement of different parties. He then gave the example of IP1 where in the first calls, the TRL reaches high levels while towards the end of the programme - at the time of the demos - more support could be given to blue-sky/low TRL research via OCs. - CN mentioned that some OC topics are very broad and it would be difficult for the non-members to gather a proper project. CMB recalled the limitations of the S2R Regulation in allocating long-term funding up front and the obligation therefore to slice the budget in several projects. - SC appreciated the collaboration with the IP Coordinators in the drafting of the past AWPs and asked for a continuation of this partnership. For the discussion on the AWP 2019, it was agreed to hold a physical meeting between the SC and the IP Coordinators and have the TD leaders dial in. The SC highlighted that this exercise should be seen as a collaboration rather than a 'verification' of the IPs **This meeting should be focused on the discussion of the draft AWP 2019 and should be held early 2019. The JU will liaise with the IPs/TD leaders and propose dates to the SC.**
Item 7	**Follow-up of discussions in ERRAC on the SC role: next steps**
	CMB indicated the mandate ERRAC has as a platform for railway research looking at/beyond 2050. It is important to support ERRAC. GB agreed to support financially ERRAC in order to bridge

	the gap between the current and future financing via projects.
	• With regard to financial aspects, CMB indicated that the payment of the work of the SC members remains within the limits of the SC's Rules of procedure. However, for additional work - i.e. to support ERRAC for the overarching strategy for rail - the JU can pay the SC members to work as experts.
	• CMB highlighted that it's expected to have ERRAC more autonomous, and for the time being is waiting to see EC's feedback on the collaboration with other European Technology Platforms like ALICE and ACARE.
	• CMB also informed the SC that ERRAC will be present at TRA and Innotrans sharing a stand with S2R JU.
	• Another interesting event Digital transport days 8-10 November 2017 in Tallin, highlighting rail as one of the key modes benefitting from digitalisation.
	• **CMB will have discussions with the ERRAC Co-chairs to concretise the ERRAC mandate and report to the GB and SC**
Item 8	**Calendar of the SC and S2R activities and discussion on SC initiatives on long term strategy for rail research** • The SC vision on the railway system will be initially channelled through the contribution to the S2R MAAP, the close collaboration with the IPs and subsequently through the relationship with ERRAC. • SS mentioned that developing a long-term strategy on rail needs more involvement from the broader research community than the SC. It was then concluded to wait for the feedback on Part B of the MAAP until ERRAC defines its mandate.
Item 9	**Prize for papers and/or new TRA competition, Innovation Days** • Catherine Cieczko (CC) from the JU's communication team presented the annexed slides on Transport Research Arena – TRA (April 2018, Viena) and InnoTrans (September 2018, Berlin). • She mentioned that the Members area on S2R JU website is in the pilot phase and it should become fully functional for the SC use. • SI asked for material on S2R JU for an event to take place in Australia, Road and rail – end of August. **CC will liaise with SI to have these dispatched.**
Item 10	**AoB and conclusions** *Next meeting date* • CMB recalled the proposal to set the next date of SC meeting side-by-side to the ERRAC plenary (23 November). The next SC meeting will be held on **24 November, 9:00, at S2R JU.** • The SC agreed to hold the meeting after next during TRA event in Vienna. It was agreed to set provisionally **16 April afternoon**. The JU to check the feasibility and confirm.

Action nr.	Action	Related Topic	Due date	Action Owner
1	Check the way of working of the SC in other JUs and present a proposal to the SC	4	24/11/2017	**JU**

2	Discuss with the ERRAC Co-chairs to concretise the ERRAC mandate	5	24/11/2017	**JU**
3	Set dates for face-to-face meetings with IPs Coo/TD leaders for the discussion on AWP 2019 in early 2018	face-to-face meetings	30/09/2017	**JU**
4	Set the date of the SC meeting at TRA, checking if 16 April is feasible.	SC Meeting date	30/09/2017	**JU**
5	Send S2R communication materials to Simon Iwnicki for distribution at the conference	10	30/06/2017 (done)	**JU**

Annexes

1. Agenda 7th meeting SC (adopted) (Annex I)
2. 7th SC meeting presentation (Annex II)