

**Minutes of Meeting – 8<sup>th</sup> meeting of the Scientific Committee of Shift2Rail**
**Shift2Rail**

<b>Project:</b>	SC	<b>Date/Time:</b>	24 November 2017, 9.30 – 14.45
<b>Meeting Type:</b>	Scientific Committee	<b>Location:</b>	White Atrium Building, Brussels
<b>Meeting Coordinator:</b>	Sebastian Stichel	<b>Issue Date:</b>	5/12/2017

<b>Summary of the Meeting</b>	
<b>Topic</b>	
Item 1	<p><b>Introduction</b></p> <p><i>Welcome from the Chairperson</i></p> <p>The Chairperson, Mr Stichel, welcomed the participants at the 8th meeting of the Scientific Committee (SC).</p> <p>ERA representative attended via telephone conference and Leonardo Dongiovanni informed that he will follow the S2R SC activities as DG MOVE representative.</p>
Item 2	<p><b>Approval of the meeting Agenda and previous MoM</b></p> <p>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).</p>
Item 3	<p><b>Conflict of Interest: declarations</b></p> <p>The declarations for Conflict of Interest (CoI) were circulated and signed.</p> <p>The S2R Executive Director, 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 written procedure may be launched for the adoption of a decision on these topics, unless adopted at the GB meeting of December 2017.</p>
Item 4	<p><b>State of play – information from the Shift2Rail JU</b></p>

	<p>CMB briefly informed the Members of the most important developments since the last meeting of the SC and provided an outline of the planning until the end of 2018 (please refer to the presentation in Annex II)</p> <ul style="list-style-type: none"> <li>• During the presentation, CMB informed on the outcome of the GB meeting on 27 October, notably       <ul style="list-style-type: none"> <li>➤ The adoption of the Annual Work Plan and budget for 2018 – also available on the S2R website</li> <li>➤ The adoption of the MAAP Part A – Executive View – which was formally given to Commissioner Bulc on 9 November 2017 during the Digital Transport Days event in Tallinn at the JU stand. The revision of the part B will be put in motion and the GB will govern the work of the IP Steering Committees by providing the necessary top-down approach which will then be reflected in the AWP 2019.</li> <li>➤ KPIs: CMB pointed out that due to the overall complexity of the model, the GB will develop an action plan to take position on the different open points. The plan is to have a stable model agreed by the GB in March. The model should be able to demonstrate that the technologies developed in S2R will have an impact. CMB is welcoming the contribution from the SC for the validation of the KPI model. Also, a workshop will be organised on 6 December in Frankfurt where the SC members are welcome to join.</li> </ul> </li> <li>• He pointed out the JUs’ event “Innovation in Action” that took place on 23-26 October in Strasbourg and its’ positive publicity, where a number of members of the European Parliament expressed their support to the JUs.</li> <li>• He also informed the SC about the IPx topics and calls for tender in the 2018 AWP (presentation in Annex II) and noted that the document is published on the S2R website. The SC members welcomed the topic supporting the PhDs. The intended opening of the call is in Q1 2018 with an expected deadline 24 April. He explained that the start date of a project can go back to the date of the submission of the proposal when duly justified, in order to accelerate the technical work.</li> </ul>
<p>Item 5</p>	<p><b>ERRAC presentation</b></p> <ul style="list-style-type: none"> <li>• SS informed the SC that the ERRAC Academia Permanent Advisory Group (PAG) needs to be re-established and it’s important to discuss its mission. Several SC members expressed their interest in joining PAG.</li> <li>• SC and PAG should complement each other and where possible, meetings should be arranged back to back.</li> </ul>

	<ul style="list-style-type: none"> <li>• CMB highlighted that ERRAC ETP is an advisory body to the EC, therefore having the role to promote railway cause and the long-term vision of the railway sector beyond S2R community, while S2R is ‘narrower’ in scope, focusing mainly on R&amp;I.</li> <li>• CMB highlighted that it’s expected to have ERRAC more autonomous and self-sustained and that the EC is analysing the future of the ETPs.</li> </ul>
Item 6	<p><b>Advise on the scientific and technological priorities to be addressed in the Annual Work Plan (AWP) 2019</b></p> <ul style="list-style-type: none"> <li>• CMB highlighted that the calendar for the preparation of 2019 AWP is similar to previous years: in January - S2R JU will provide a text supporting the Director’s budget request for 2019 and in June the final full draft text per topic should be available.</li> <li>• <b>SS will provide the matrix with the SC members’ allocation per IP</b> so that they can start working on the suggestions for 2019 AWP taking into account the MAAP and the on-going work but also the emergent needs of the sector.</li> <li>• <b>SC members will provide feedback to SS by 7 January 2018</b> that will be compiled and sent to the IP Ste Co for the meetings in January</li> <li>• <b>For the discussion on the AWP 2019, it was agreed that based on the matrix above, the SC members will dial in at the IP Ste Cos to be held in January 2018</b> (schedule in Annex II).</li> </ul>
Item 7	<p><b>MAAP: Part B</b></p> <ul style="list-style-type: none"> <li>• CMB informed that the review of the MAAP Part B should be seen as a prioritisation exercise that can then be put in the context of S2R2. A working group under the auspices of the GB will look into the priorities for MAAP Part B by the end of the year. SC’s input is welcome on some topics that may require specific focus SC is invited to review the MAAP Part B.</li> <li>• <b>JU to communicate the date of the workshop on the MAAP Part B review to the SC</b></li> </ul>
Item 8	<p><b>Discussion on the long term strategy for railway research beyond S2R (S2R2)</b></p> <p>CMB highlighted that any feedback from the SC on the future set-up of S2R2 is welcome – to see if a model can answer the shortcomings we may have today in terms of efficiency of the railways and the related programme.</p> <p>Some of the points raised:</p>

	<ul style="list-style-type: none"> <li>• The need to have top down approach and keep the passenger at the core of the programme</li> <li>• Focus on multimodality and how to best promote the efficient use of rail in connection to other modes</li> <li>• The rail sector has to react to the developments in the other transport modes (i.e. Tesla truck) which should be seen as an opportunity for development and innovation rather than a threat.</li> <li>• Research in technology is welcome but this should take into account the demand needs – how they can actually contribute to the ultimate benefit of rail.</li> <li>• Socio-economic research is needed to know how the future competition will be. The view on the long-term future should be realistic, tackling different possible scenarios – high-speed freight, fully autonomous trains, mixed traffic operations etc.</li> <li>• CMB pointed out it is good to start already in S2R the business case research. A focus of S2R2 should be the intention to demolish the barriers (zero on site testing etc).</li> <li>• Allow new ideas coming in by having dedicated funding for blue sky research.</li> <li>• Allow and facilitate the members engaging with research providers.</li> <li>• Consider R&amp;I outside Europe yet it's important to protect the European know-how.</li> <li>• Coordination with national programmes and other modes is important. SRG can help in this regard.</li> </ul>
Item 9	<p><b>Proposed future set-up of the S2R Scientific Committee</b></p> <ul style="list-style-type: none"> <li>• The chair informed the SC on the selection of the new member, notably that the panel made a prioritisation from the 16 applications received and a reserve list. The GB will make the final decision during its meeting on 13 December so that the new member attends the SC meeting on on 16 April 2018.</li> <li>• The JU presented the Sesar that went through a complete reshuffling of the way of working of the SC. The SC was positive to the Sesar approach and agreed that the group composition should evolve and was open to the approach of having resources for the work of the members.</li> <li>• The JU will present a proposal to the GB on the future set-up of the SC based on the Sesar model and foresee an approval in mid-June of next year.</li> </ul>
Item 10	<p><b>TRA 2018, Inno Trans 2018 'quick wins'</b></p>

	<ul style="list-style-type: none"> <li>• The SC took note of the initial list of quick wins proposed by the IPs/CCA for display during TRA and/or InnoTrans 2018.</li> <li>• CMB noted that the next year's TRA in Vienna and InnoTrans in Berlin are key events, where the S2R JU must be visibly present and, in particular, with demos. In addition, the completion of the lighthouse projects is expected to bring the first tangible results in the field of R&amp;I in railways, therefore the year 2018 should be considered as an important milestone for the future.</li> </ul>
Item 11	<p><b>AoB and conclusions</b></p> <ul style="list-style-type: none"> <li>• Simon Iwinicki informed the group about the S2R info day to be organised on January 12 in Birmingham.</li> <li>• Referring to the discussions about "Brexit", CMB referred to the official communication from the Commission on the matter available at <a href="http://ec.europa.eu/research/participants/portal/desktop/en/support/about.html">http://ec.europa.eu/research/participants/portal/desktop/en/support/about.html</a> He noted that the outcome of the negotiations is still uncertain but in the next H2020 Grant Agreements, including those of the JU, will include a provision clarifying the terms of funding towards entities established in UK, after UK's departure from the EU. The Commission Services are working on standardized information to be provided to the stakeholders in this respect.</li> <li>• Alexandra Gurau informed the SC that she will leave the S2R JU in the end of 2017 and that Lea Paties, Programme Manager will follow-up the SC from the JU's side.</li> </ul> <p><i>Next meeting date</i></p> <ul style="list-style-type: none"> <li>• The next SC meeting will be held on 16 April 2018 during TRA event in Vienna (provisionally 14h-18h). <b>The JU to check the access of the SC members to the venue and inform the members.</b></li> </ul>

### Annexes

1. Agenda 8th meeting SC (adopted) (Annex I)
2. 8th SC meeting presentation (Annex II)

<b>Action nr.</b>	<b>Action</b>	<b>Related Topic</b>	<b>Due date</b>	<b>Action Owner</b>
<b>1</b>	SS will provide the matrix with the SC members' allocation per IP	6	5/12/2017	SS
<b>2</b>	SC members will provide feedback to SS by 7 January 2018 that will be complied by SS and sent to the IP Ste Co for the meetings in January	6	7/01/2018	SC members
<b>3</b>	For the discussion on the AWP 2019, it was agreed that based on the matrix above, the SC members will dial in at 2018 (schedule in Annex II).	6	January IPsteco meetings	SC members
<b>4</b>	JU to communicate the date of the workshop on the MAAP Part B review to the SC	7	asap	JU
<b>5</b>	The JU to check the access of the SC members to the venue and inform the members.	SC Meeting	19/12/2017	JU