

Fourth meeting of the Scientific Committee of Shift2Rail JU

16 September 2016
 White Atrium building, Meeting Room no 4
 10:30-15:30

List of participants

4th meeting of the S2R Scientific Committee			
16 September 2016			
S2R meeting room 2nd floor White Atrium			
SCIENTIFIC COMMITTEE MEMBERS			
LAST NAME	FIRST NAME	EMAIL ADDRESS	SIGNATURE
DI FEBBRARO	Angela	angela.difebbraro@unige.it	
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MOLKOVA	Tatiana	Tatiana.Molkova@upce.cz	
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PIERIEGUD	Jana	jpiere@sgh.waw.pl	
PYRGIDIS	Christos	pyrgidis@civil.auth.gr	
SALANDER	Corinna	corinna.salander@ima.uni-stuttgart.de	
SANZ BOBI	Juan de Dios	juandedios.sanz@upm.es	
SÖYLEMEZ	Mehmet Turan	turan.scylemez@itu.edu.tr	CONFERRED REMOVED
STICHEL	Sebastian	stichel@kth.se	
EC Officials and IP COORDINATORS			
LAST NAME	FIRST NAME	COMPANY	SIGNATURE
BORGHINI	Carlo	Shift2Rail	
TRAVAINI	Giorgio	Shift2Rail	
BERTO	ALESSANDRA	Shift2Rail	
BIRD	William	European Commission	
ARDUINE		European Commission	

Draft minutes

1. INTRODUCTION – ROUNDTABLE

Welcome by the Vice-chairman

The ViceChair, Mr Lacôte, welcomed the participants at the fourth meeting of the Scientific Committee (SC).

He underlined the importance of S2R to promote the use of railways as environmentally friendly and cost effective mode of transport.

The ED presented the new member Ms. Corinna Salander to the Scientific Committee and asked for a minute of silence in memory of Mr. Manuel Pereira, former Chair of the SC, remembering his significant contribution to the progress of the sector.

The ED informed the SC that Alessandra Berto (Programme Manager) is currently replacing Alexandra Gurau, for the SC and contact point to ensure continuity. Her contact is alessandra.berto@shift2rail.europa.eu

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 required quorum for the meeting was reached, with 11/12 SC members present. Professor Mehmet Turan joined the meeting by phone conference.

The JU recalled that the main points of the meeting, being the election of the chairperson and vice-chairperson, the discussion on the 2017 AWP but also to provide to the Committee an update on the state of play of the S2R JU and clarify the role of the SC for the future.

The SC members agreed on the draft agenda, as circulated on 12th September 2016 (Annex I). A list of participants is attached (Annex II).

3. CONFLICT OF INTEREST: DECLARATIONS

The ED introduced the issue of Conflict of Interests (CoI) and pointed out the importance to take the necessary measures to manage any of them in order to protect both participants and the organisation. He highlighted that CoI should be declared on specific items in the agenda and a template was circulated.

Prof. Iwnicky highlighted the need to establish a register of the CoI declarations, going beyond each meeting but to maintain a track record of the evolution of personal situations.

In this respect, the ED confirmed that there will be a need to look in the overall question of Col management not only for the SC but for other institutional bodies of S2R.

4. ELECTION OF THE SC CHAIRPERSON

a. Presentation of candidates

b. Elections

The only candidate for chairmanship, Prof. Sebastian Stichel, presented himself and the Members of the SC unanimously agreed to elect him as the new Chairperson of S2R SC.

In the absence of candidacies, the ED proposed to reconfirm for a second term Mr Francois Lacôte as Vice Chairperson; this was agreed with the unanimous consensus of the participants.

The new Chair invited the SC members to introduce themselves; they concluded agreeing to map their different competencies and experiences to match it with the IPs/CCA of S2R.

The ED indicated that there is still one vacant seat in the SC and, taking into consideration the mapping exercise of skills and competencies, a proposal will be made on a possible candidate. Consideration could be given to bring in new SC Members from other domains of expertise, such as in the areas of cybersecurity, communication, digital technologies, also from other industries than railways - like aircraft or automotive to face the challenge foreseen for the next years.

5. STATE OF PLAY - INFORMATION FROM THE SHIFT2RAIL JU

Latest developments, ongoing activities followed by an exchange of views

The S2R JU presented the latest developments related to the S2R activities detailed in the annexed slides (Annex III), focusing on the ongoing programme activities related to the launch of the call, but also to the ongoing Grants Agreement for Members (CFM) and for Open Calls (OC), in a coordinated and consistent process to rationalise waves of calls also for the next years.

The JU presented its strategic view on a top down approach on an evolution of the MAAP. The idea is to develop a new document of about 50 pages providing the link between the general objectives of the Master Plan and the detailed action plan of the MAAP. A Tiger Team has been created and the SC had participated in its past first meeting with the Vice-Chairperson. The next meeting will possibly happen the day after the next Governing Board, planned for October 25 – it will be confirmed as soon as possible.

The ED explained that this document will be important to create a pipeline for future research, also considering “blue-sky” research. In addition this document should clarify what the final results would be and the roadmap to arrive to that (through the MAAP).

The ED clarified the role of the System Integration Working Group (SIWG), meant to ensure coordination and consistency of results and actions. He explained that on October 25 the Governing Board will decide on the approval of the AWP 2017 and may conclude on how to allocate the remaining budget.

He also presented some key topics that could be considered for further S2R R&I activities in the forthcoming years:

- Cyber security
- Satellite usage for positioning
- Communications

The members of the SC were invited to attend the S2R corner at the EUAR stand o during InnoTrans 2016 in Berlin on September, 20-23. The JU presented the calendar of main events (Annex IV) inviting in particular the members to attend the Scientific Committee Workshop the 21st of September at 12:30-13. The Vice Chairperson made himself available to represent the SC and to present their activities within S2R.

6. ANNUAL WORK PLAN (AWP) 2017

a. Presentation

b. Advice on the scientific and technological priorities to be addressed in the 2017 AWP

Please find the presentation enclosed (Annex III)

The JU presented the current status of the draft AWP 2017.

The ED explained that this year its content will probably be published as a draft call, after and if the GB approves it on October 25. This will give more time to applicants to form consortia, gather ideas and participate, in particular for OC topics.

It was also reminded that the call will only be launched once the EU budget is approved.

The JU clarified that the draft AWP 2017 includes technical changes compared to the previously distributed version to take into account the lesson learned from the last topic calls and the SC comments received from the last version.

The SC members pointed out that in the conference meeting of July they didn't receive written documents in advance and this limited further inputs of the SC.

The ED explained that the final draft will be provided for adoption to the GB 20 working days before the meeting, as per procedure, nevertheless some focused additional comments from the SC could be also provided.

Following a proposition by the ED, it was agreed that the JU may expect to receive additional comments from the SC by **October 5**; additional topics could be put in a separated part and could serve as basis to discuss on the future developments after 2017.

The SC agreed on a dedicated effort IPs and CCA related, reported in the table below, to be considered also for future topic reviews, not excluding the possibility of members participation to any other ones:

Member/ IP-CCA	IP1	IP2	IP3	IP4	IP5	CCA
DI FEBBRARO						
IWNICKI						
LACÔTE						
MOLKOVA						
NASH						
PIERIEGUD						
PYRGIDIS						
SALANDER						
SANZ BOBI						
SOYLEMEZ						
STICHEL						

7. ROLE OF THE SCIENTIFIC COMMITTEE WITHIN S2R

- a. S2R expectations*
- b. SC Members’ view*
- c. Way forward*

The ED pointed out the importance of balancing the inputs from industry with the ones from the research environment. There are great expectations for the SC to go beyond the short and medium term and provide a strategic view on the results which are expected from the S2R Programme. The SC should contribute to find a balance between Industry view and long term strategic view related to research to provide consistency.

The SC discussed how its role is essential in providing useful advice on research priorities and the strategic view; this is concretely realized also through the participation of the SC to the Tiger Team reviewing the Multi Annual Action plan (MAAP); but also reviewing documents like the AWP and ensuring coordination and delivering results.

The JU expect the SC having a stronger challenging role in suggesting R&I activities that go beyond what is proposed or known in the rail domain. The SC should also look of what is happening in other fields and propose ground-breaking concepts that may be further developed within S2R. Such information flow should not be only based on a JU request, but the SC members have a direct contact point with the S2R JU Programme Office and can at

any time inform of ideas/innovations that could be applied to S2R and discuss with Alessandra/Giorgio. The S2R JU is there to make the best innovation happening and the SC is a key player in that respect.

The Members of the Scientific Committee discussed at large the possibility to initiate work at their own initiative on a long term strategy for rail research. This will be further discussed in a possible conf call in the next weeks.

The ED explained that a handbook will be developed to facilitate the understanding of the programme processes and roles.

The European Commission underlined the importance of the agreement on the direction and the modalities to reach it through a long term strategy, focusing the available resources and suggested possible framing of the discussion also through specific thematic meetings (once the SC presented an idea/innovation to the S2R JU).

It was concluded that there is a need for the SC to come back with concrete proposals to better clarify their role within S2R, possibly at the next meeting.

8. AoB and conclusions

Next steps and date of next meeting

In terms of LTR/blue sky research, the JU is considering during 2017

- to dedicate a sum of 14,000€ to a prize/s for the best research project or the best blue sky research on railway during the Transport Research Arena taking place in 2018 in Austria
- to develop the concept of S2R Innovation Day(s).

The SC Chair concluded the following:

- support the idea for a scientific document giving long term strategic view on railway research, integrate perspectives (i.e.: how to optimise the system?); need of having more time to review the documentation, receiving it earlier, and considering participation of the SC in more S2R meetings
- provide some inputs for the future activities, in particular the comments on the AWP 2017, innovation days, welcomes the ideas of a prize for students or new TRA competition, dissemination of results

The ED underlined the key importance of research and the role of SC to help S2R to reach its objectives through the involvement in the design of future activities in a manner to anticipate the request for inputs but also having initiatives for autonomous discussions e.g. on long term strategy. In this respect, the next meeting should be anticipated compared to the usual schedule to start discussing the preliminary AWP2018 content.

The activities planned by the JU will be shared through the calendars of Shift2Rail on the S2R website <http://shift2rail.org/>.

The next meeting has been fixed for **December 14, 2016**, starting at 10h00 and ending at 15h30 in Brussels at the JU premises.

ACTION LIST

Responsible	Action	Deadline
SC Members	Provide additional comments on the final draft of the AWP 2017, incl. proposals for possible new research topics for the next AWPs	October, 5, 2016
S2R and Members	Develop concepts for: prize for students or new TRA competition, innovation days	End of 1 st Qtr. 2017
S2R	Complete the SC group with one missing member, preferably with knowledge in the required areas of expertise	End of 1 st Qtr. 2017
S2R	share publicly the calendars of Shift2Rail on the S2R website http://shift2rail.org/	Beginning of October 2016

Annexes:

1. Agenda 3rd meeting SC (adopted) (Annex I)
2. 3rd SC meeting presentation (Annex II)
3. STATISTICS ON THE CALLS FOR PROPOSALS 2015-2016 (Annex III)