



## Questions & Answers

*Call for proposals 2019*

*H2020-S2RJU-2019*

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Document history		
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Acronyms	Abbreviation
Shift2Rail Joint Undertaking	S2R JU
Linked Third Party	LTP
Call for S2R JU members	CFM
Open Call	OC
H2020 Annotated Model Grant Agreement <a href="http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf">http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf</a>	AGA
S2R JU Model Grant Agreement <a href="http://ec.europa.eu/research/participants/data/ref/h2020/other/mga/itis/h2020-mga-multi-shift2rail-ju_en.pdf">http://ec.europa.eu/research/participants/data/ref/h2020/other/mga/itis/h2020-mga-multi-shift2rail-ju_en.pdf</a>	MGA
Grant Agreement Preparation	GAP
Consortium Agreement	CA
S2R JU Annual Work Plan and Budget for 2019 <a href="https://shift2rail.org/wp-content/uploads/2018/12/Decision-GB-19_2018_AWP-2019_Annex-1.pdf">https://shift2rail.org/wp-content/uploads/2018/12/Decision-GB-19_2018_AWP-2019_Annex-1.pdf</a>	S2R AWP 2019
Regulation (EU) No 1290/2013 of the European Parliament and of the Council of 11 December 2013 laying down the rules for participation and dissemination in "Horizon 2020 – the Framework Programme for Research and Innovation (2014-2020)" and repealing Regulation (EC) No 1906/2006 (OJ L 347, 20.12.2013, p.81)  <a href="http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L_.2013.347.01.0104.01.ENG">http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L_.2013.347.01.0104.01.ENG</a>	H2020 Rules of participation
Regulation (EU) No 1291/2013 of the European Parliament and of the Council of 11 December establishing Horizon 2020 – the Framework Programme for Research and Innovation (2014-2020) and repealing Decision No 1982/2006/EC (OJ L 347, 20.12.2013, p.104)  <a href="http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L_.2013.347.01.0104.01.ENG">http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L_.2013.347.01.0104.01.ENG</a>	H2020 framework Regulation
Council Regulation (EU) No 642/2014 of 16 June 2014 establishing the Shift2Rail Joint Undertaking (OJ L 177, 17.6.2014, p. 9)	S2R Regulation

[http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L\\_.2014.177.01.0009.01.ENG](http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L_.2014.177.01.0009.01.ENG)

Questions & Answers		
Q	Topic	S2R Answer
1	How much of the budget will go to Open calls?	According to the S2R Council Regulation, at least 30% shall be allocated by way of competitive calls for proposals and calls for tenders. S2R applies this cumulatively through the different calls that it has and will release. In the S2R Call for proposal 2019, the co-funding budget dedicated to the Open Call is 19.3 million euros. For more details, please refer to the S2R JU Annual Work Plan and Budget for 2019.
2	Can you still become a member of the S2R JU?	The JU's Associated Membership were selected through Calls for expression of interest. Unfortunately, there is currently no new Call for expression of interest planned that would allow applying for accession to the JU as an Associated Member.
3	Can a member of S2R JU collaborate with a non-member (in a consortium) and apply to CFM calls?	<p>According to the eligibility criteria listed in the Shift2Rail Annual Work Plan 2019 (section 2.3.4 Standard eligibility conditions), only JU members (founding and associated) and their affiliates can be beneficiaries in the topics that are labelled as "CFM" (Calls for members) in the S2R call 2019.</p> <p>In line with the distinction between different types of calls for proposals, presented in Section 2.2.4 of the AWP, the JU will distinguish between two types of calls for proposals with specific eligibility conditions:</p> <ul style="list-style-type: none"> <li>- competitive calls for proposals, which, pursuant to Article 9.5 of Horizon 2020 Rules for Participation and Article 17.1(a) and (b) of S2R JU Statutes, will restrict the type of beneficiary to JU Members (founding and associated), and their affiliated entities. In the case of Members in the form of consortia or groupings of legal entities, the individual constituent entities of these consortia or groupings, and the affiliated entities of these individual constituent entities, are eligible to participate in the restricted calls for JU Members;</li> <li>- open, competitive calls for proposals that, pursuant to Article 9.5 of Horizon 2020 Rules for participation, will be addressed only to entities that are not Members of the S2R JU (founding or associated), nor constituent entities of Members in the form of consortia or groupings, nor affiliated entities either to the S2R JU Members or to the constituent entities of Members in the form of consortia or groupings.</li> </ul>

		<p>Therefore, a non-JU member cannot participate directly or as part of the consortium submitting a proposal to the call which requires JU's membership as eligibility criteria.</p> <p>Nevertheless, a non-JU member has the possibility to indirectly participate in call for members, if linked with a participating member as:</p> <ul style="list-style-type: none"> <li>- Third party with a legal link with the beneficiary (LTP),</li> <li>- Subcontractor.</li> </ul> <p>In both cases, the provisions of H2020 Rules of Participations on subcontracting and on linked third parties must be complied with.</p> <p>You can find the list of the S2R JU Members here: <a href="https://shift2rail.org/about-shift2rail/ju-members/">https://shift2rail.org/about-shift2rail/ju-members/</a></p>
<p>4</p>	<p>Is it possible to work as a linked party or subcontractor for a CFM and be partner in an OC Project within the same Call period?</p>	<p>According to the eligibility criteria listed in the Shift2Rail Annual Work Plan 2019 (section 2.3.4 Standard eligibility conditions), topics labelled OC are open only to entities that are not :</p> <ol style="list-style-type: none"> <li>1) Members of the S2R JU (founding or associated),</li> <li>2) nor constituent entities of Members in the form of consortia or groupings,</li> <li>3) nor affiliated entities either to the S2R JU Members or to the constituent entities of Members in the form of consortia or groupings.</li> </ol> <p>Please consider that if a Member of the JU happens to be a beneficiary of the consortium replying to a topic labelled "OC", the full consortium will be considered not eligible and therefore excluded from the next steps of the evaluation.</p> <p>Therefore, nothing prevents an entity acting as a subcontractor for a CFM beneficiary from submitting a proposal under the Open Call as long as the eligibility criteria as mentioned above are fulfilled.</p> <p>For Linked Third Parties of Members, it has to be determined whether they would qualify as affiliated entities in the sense of point 3 above or not. According to the H2020 RoP, affiliated entity means any legal entity that is - under the direct or indirect control of a participant, or - under the same direct or indirect control as the participant, or - directly or indirectly controlling a participant.</p> <p>Affiliated entities are, to put it simply, entities that are in a hierarchical relationship with a Member, usually through control by ownership (i.e. the Member owns them, or they are owning the Member, or the Member and the LTP are owned by the same entity).</p>
<p>5</p>	<p>How many projects under a specific topic name can be funded?</p>	<p>In principle the S2R total annual budget available allows for retaining for funding one proposal per topic only where not explicitly mentioned otherwise. The possibility of financing more than one proposal per topic may result from available budget due to cases such substantially lower requests for financing in one topic, no award of proposals in one topic, etc. Nevertheless, it is within the powers of the Governing Board to decide to retain for funding more than one proposal per topic")</p>

6	What is the TRL of expected outcomes of IP1-CFM-2019 (just 'concepts')?	<p>For information on the expected TRL of outcomes under the respective topics in the Call 2019 please refer to the S2R JU Annual Work Plan and Budget for 2019 (i. a. section 2.2.5).</p> <p>For S2R-CFM-IP1-01-2019 the expected TRL is determined as “up to TRL7”.</p>
7	Will more specific Cybersecurity Calls be issued? Based on results/ activities X2Rail-1?	<p>Activities related to TD2.11 (cybersecurity) will continue in the project X2RAIL-3, launched in December 2018.</p> <p>The S2R JU Annual Work Plan and Budget for 2019 already includes a topic in the Open Call for IP2, which will be expected to work based on the results from the project X2RAIL-1.</p>
8	What extent is the complementarity between IP2 and ERTMS Users Group?	<p>S2R, and in particular IP2, collaborates with the ERTMS Users Group (EUG) via two different channels.</p> <p>The first one, contribution via common Members to S2R and EUG to the R&amp;I activities of S2R. A specific collaboration link has also been established with the launching of a dedicated action (in coordination with the European Commission and the European Union Agency for Railways) to prepare the uptake of the S2R results to the future update of the CCS TSI.</p>
9	How is the question of intellectual property handled? What if a company develops patentable technology as part of participation in a Shift2Rail project?	<p>A successful proposal will conclude a Grant Agreement with the Shift2Rail JU that will contain a number of provisions regarding IPRs. A basic distinction is made between Background (i.e. pre-existing IPR) and Results (i.e. IPR that may be created due to the action)..</p> <p>Relevant IPR questions will arise throughout the lifecycle of your project: from the very first idea and conceptualisation of your project, throughout its execution, until the end and the potential exploitation and commercialization of the results. Therefore, the beneficiaries must identify and agree on what constitutes background for their action (in order to be able to give access to it), including IPR. Although not obligatory, beneficiaries are strongly advised to agree on background before the GA is signed, to ensure that they have access rights to what is needed for implementing the action (and then exploiting its results). The Grant Agreement contains specific rules obliging to share Needed Background within the Consortium on certain conditions (see Subsection 2 and 3 as well as Article 31 of the Shift2Rail Model Grant Agreement). Further specifics may be included in the Consortium Agreement and, if applicable, Collaboration Agreements with complementary actions.</p> <p>In general the set of important documents with regard to IPR provisions are the general Rules for Participation in Horizon 2020, the MGA (articles 23a to 31) and in the Consortium Agreement. While the Consortium Agreement is drafted and organised according to the Consortium preferences, its content needs to follow the provisions of the MGA and the H2020 rules, including IPR.</p>

		<p>Note that beneficiaries become joint IPR owners if they specifically agree on it. In this case, there is a specific agreement, which needs to be signed when results are shared by several participants (Joint Ownership agreement) and will be prepared once the joint ownership is determined.</p> <p>In addition, for complementary grants foreseen in the S2R JU AWP 2018, the JU has developed a specific model template for a “collaboration agreement” that shall be used by the consortia with a need to collaborate, including the necessary modifications on IPR. This model should facilitate the establishment of the final agreement between the collaborating projects.</p> <p>(<a href="https://shift2rail.org/wp-content/uploads/2017/06/S2R_Model_Coll_Agmt_Final.pdf">https://shift2rail.org/wp-content/uploads/2017/06/S2R_Model_Coll_Agmt_Final.pdf</a>)</p> <p>For more information on IPR, see Article 23a to 40 to the AGA Regarding (patentable) results, the Grant Agreement encourages further exploitation and determines that results are owned by the beneficiaries. Further protection and exploitation of results (including patenting and commercialisation) is encouraged in the Grant Agreement (see, i.a., Article 27).</p>
10	To be engaged in a Shift2Rail project, do we need to follow up the same procedure and paperwork just like any other H2020 call?	<p>Actions awarded under a Shift2Rail Call have to comply with the same provisions as any other H2020 action, for instance the Rules of Participation, the Financial Regulation etc. However, S2R Calls and Actions have to be compliant with additional eligibility conditions as set out in section 2.3.4 of the Annual Work Plan 2019.</p>
11	Where can I find a list of JU members?	<p>You can find the list of the S2R JU Members here: <a href="https://shift2rail.org/about-shift2rail/ju-members/">https://shift2rail.org/about-shift2rail/ju-members/</a></p>
12	Talking about energy, is S2R dealing with fuel cell technology on board and as a storage mean? Is there a demonstrator where the program is dealing with this?	<p>S2R JU is currently finalising a study on use of fuel cells and hydrogen in railway environment (together with FCH JU) - <a href="#">More information</a>. This study will include recommendations on future activities with particular focus on short term R&amp;I. This will include topics for possible Innovation Action and Research and Innovation Action topics, both in fuel cells, fuel cell systems, hydrogen storage, hydrogen refuelling, hydrogen refuelling stations, etc. and development of suitable rail applications on rolling stock and rail infrastructure. Therefore, the JU is focussing on the initial studies before tackling the technical challenges that would require significant research and innovation investments from the rail sector.</p>
13	About IP4: is it possible to propose a project across the various TDs focusing on integration of the ecosystem?	<p>The specific TDs to which a project should contribute are described in the Call topic text in the S2RJU Annual Work Plan and Budget for 2019. Proposals should demonstrate its ability to address the specific challenge, scope and impact described in the Call topic text. It is up to the applicant to identify the best way to reach its results and may include its complementarities with ongoing work in the respective IP or with other IPs.</p>

14	<p>What are your considerations to have a single topic contribute to many TDs? Do you see any issues with the manageability of the project?</p>	<p>The call topics that the S2R JU designed, including with contribution to several TDs, are considered manageable, based on the experience already gathered from previous S2R projects.</p>
15	<p>If a JU Member has a minority financial share in company A, can A participate to OC or will it be excluded?</p>	<p>According to the eligibility criteria listed in the Shift2Rail Annual Work Plan 2019 (section 2.3.4 Standard eligibility conditions), topics labelled OC are open only to entities that are not:</p> <ol style="list-style-type: none"> <li>1) Members of the S2R JU (founding or associated),</li> <li>2) nor constituent entities of Members in the form of consortia or groupings,</li> <li>3) nor affiliated entities either to the S2R JU Members or to the constituent entities of Members in the form of consortia or groupings.</li> </ol> <p>Please consider that if a Member of the JU happens to be a beneficiary of the consortium replying to a topic labelled "OC", the full consortium will be considered not eligible and therefore excluded from the next steps of the evaluation.</p> <p>In your case, it has to be determined whether they would qualify as affiliated entities in the sense of point 3 above or not. According to the H2020 Rules for Participation, affiliated entity means any legal entity that is - under the direct or indirect control of a participant, or - under the same direct or indirect control as the participant, or - directly or indirectly controlling a participant.</p> <p>Affiliated entities are, to put it simply, entities that are in a hierarchical relationship with a Member, usually through control by ownership (i.e. the Member owns them, they are owning the Member, or the Member and the LTP are owned by the same entity).</p> <p>In case of a minority share in the entity, it has to be determined whether the share is large enough to constitute effective direct or indirect control.</p>
16	<p>What's the source of data as being a precondition for CBM? Is it mandatory to include IM/TOC into a consortium? Or are data available from complementary CFM?</p>	<p>Proposals should demonstrate its ability to address the specific challenge, scope and impact described in the Call topic text. It is up to the applicant to identify the best way to reach its results and may include different ways for accessing the necessary data. Unless it is clearly defined in the topic description that some data will be provided by the complementary project, no obligation is set by the S2R JU.</p>
17	<p>Is CBM for rolling stock bogie in general also cross-checked with OC IP5-01?</p>	<p>The complementary projects identified in the topic call for the S2R-OC-IP5-01-2019 are FR8RAIL (GA 730617) and FR8HUB (GA 777402). Those two ongoing projects are covering condition based and predictive maintenance strategy for rail freight rolling stock (locomotives and wagons), defining new roles and responsibilities, developing a condition based and predictive maintenance program based on specific</p>

		<p>locomotives and based on a number of components, and contributing to the maintenance information system for CBM in wagon bogies. As result of these identified complementarities, CBM for rolling stock bogie in general plays a role on the topic S2R-OC-IP5-01-2019, bearing in mind that the topic description mentions that the scope is especially focussed but not limited to the locomotive bogie (i.e. motor bogie and trailing bogie).</p>
18	<p>Will the presentations presented during the InfoDay be available on the S2R website?</p>	<p>You find the presentations and complementary material of the Shift2Rail InfoDay 2019 on our website under the following link: <a href="https://shift2rail.org/participate/info-day-2019/">https://shift2rail.org/participate/info-day-2019/</a></p>
19	<p>The topic “S2R-OC-IPX-01-2019: Artificial Intelligence (A.I.) for the railway sector” is a RIA, although “should foresee PhD research for indicatively a period between 12 to 36 months”. How this would work in practice? And what will be the evaluation criteria?</p>	<p>It is up to the applicant to identify the most suitable consortium composition in order to properly address the specific challenge, scope and impact of this topic.</p> <p>The formal minimum conditions that must be fulfilled for a consortium to be eligible for consideration under the topic S2R-OC-IPX-01-2019 are set out in Article 9.1 of the Horizon 2020 Rules for Participation: The following minimum conditions shall apply:</p> <ul style="list-style-type: none"> <li>(a) at least three legal entities shall participate in an action;</li> <li>(b) three legal entities shall each be established in a different Member State or associated country; and</li> <li>(c) the three legal entities referred to in point (b) shall be independent of each other within the meaning of Article 8.</li> </ul> <p>Additionally, according to the eligibility criteria listed in the Shift2Rail Annual Work Plan 2019 (section 2.3.4 Standard eligibility conditions), topics labelled OC are open only to entities that are not:</p> <ol style="list-style-type: none"> <li>1) Members of the S2R JU (founding or associated),</li> <li>2) nor constituent entities of Members in the form of consortia or groupings,</li> <li>3) nor affiliated entities either to the S2R JU Members or to the constituent entities of Members in the form of consortia or groupings.</li> </ol> <p>Please consider that if a Member of the JU happens to be a beneficiary of the consortium replying to a topic labelled "OC", the full consortium will be considered not eligible and therefore excluded from the next steps of the evaluation.</p> <p>In practice it can be a consortium composed only of PhDs or a mix of PhD(s) and supporting companies/industries/universities/etc.</p> <p>Concerning the evaluation criteria those remain the same than for the other RIA topics in S2R. As set out in section 2.3.6 of the Annual Work Plan 2019, Part H of the General Annexes to the EC Horizon 2020 Work Programme 2018-2020 applies. Selection criteria include 'financial capacity' and 'operational capacity'. Award criteria include 'excellence', 'impact' and 'quality and efficiency of the implementation'. For full proposals, each award criterion will be scored out of 5. The threshold</p>



		<p>for individual criteria will be 3. The overall threshold, applying to the sum of the three individual scores, will be 10. For innovation actions, to determine the ranking, the score for the criterion 'impact' will be given a weight of 1.5. Proposals submitted within the call for proposals for JU members or within the open call for proposals for non-JU members will be evaluated by independent experts, as foreseen by the S2R Regulation in its Article 17.2. The evaluation of award criteria will take into account the coherence of the proposal with the S2R MAAP.</p> <p>Details on the submission and evaluation process are described in the Grants Manual - Section on: Proposal submission and evaluation, see here <a href="http://ec.europa.eu/research/participants/docs/h2020-funding-guide/grants/applying-for-funding/find-a-call_en.htm">http://ec.europa.eu/research/participants/docs/h2020-funding-guide/grants/applying-for-funding/find-a-call_en.htm</a>.</p>
20	<p>Regarding topic S2R-OC-IP2-01-2019, which Formal Methods are expected to be used for developing the demonstrator?</p>	<p>The action is expected to choose the most suitable formal method to carry out the expected activities and to demonstrate evidence why the choice was made. Applicants can refer to the use cases for rail included in the public deliverable of X2RAIL-2 published on the S2R website (D5.1: Formal Methods (taxonomy and survey), Proposed Methods and Applications).</p>
21	<p>I have a question regarding S2R-OC-IP1-01-2019. Project partners from another research project would like to submit a proposal for this call. This raises the question of whether they must address the proposal for the entire call (all workstreams) or can address individual workstreams.</p>	<p>Proposals are expected to address all work streams as indicated in the scope description of the topic S2R-OC-IP1-01-2019 in section 4.2.1 of the S2R Annual Work Plan 2019.</p>
22	<p>We are planning on a comprehensive project proposal, which will fit two topics. Is it possible to submit a proposal under two topics? And if successful be awarded funding under two topics?</p>	<p>There is no formal legal basis prohibiting to submit the same (identical) proposal to two different topics in the same round of calls for proposals.</p> <p>In principle, there is no limitation on the number of calls or topics to which applicants may submit their proposal.</p> <p>It is therefore possible to submit a single proposal to two different topics under a single call (<a href="http://ec.europa.eu/research/participants/data/support/sep_usermanual.pdf">http://ec.europa.eu/research/participants/data/support/sep_usermanual.pdf</a>).</p> <p>However as indicated in the vademecum on grants proposals (<a href="http://ec.europa.eu/research/participants/docs/h2020-funding-guide/grants/applying-for-funding/submit-proposals_en.htm">http://ec.europa.eu/research/participants/docs/h2020-funding-guide/grants/applying-for-funding/submit-proposals_en.htm</a>), if the coordinator submits a number of similar proposals, the JU may ask him to choose one or more of them to be withdrawn. This may be requested before the evaluation of the proposals. In case such request would be made and refused, the JU services and, if necessary external experts,</p>

		<p>will verify if the proposal is in the scope of both topics.</p> <p>We would also like to bring to your attention to the fact that, although in such case the fact of submitting a proposals to two topics does not formally prejudice its evaluation, different topics are introduced in the call because it is considered that actions replying to them would require different approach or would need to address different challenge. In that respect, a project prepared to address two topics may risk to lack focus on specific challenge and solution what could consequently affect its evaluation score.</p> <p>In relation to the above, please note that a proposal selected for funding must comply with the no double financing principle established in article 129 of the Financial Regulation No. 966/2012 of the European Parliament and of the Council of 25 October 2012 (the FR). Under this principle, the same costs cannot be financed twice by the EU budget. A cost item is limited to the costs of the resources consumed for the action (for example the personnel costs for the hours actually worked on a given action or the depreciation costs of equipment corresponding to the duration of the action and the rate of actual use for a given action).</p> <p>Therefore, if an identical proposal is submitted to two different topics, it must be declared at the grant preparation phase in order to remove one proposal of which the activities and the related costs will be already funded by the EU under the other proposal.</p>
23	Who is currently the national contact person for the Netherlands?	<p>The National Contact Points can be checked on the SEDIA Funding&amp;Tenders Portal under the following link: <a href="https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/ncp">https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/ncp</a></p>
24	<p>I am interested in the call S2R-OC-IPX-02-2019 about breaking language barriers, since I am working on this topic as a researcher. However, I have limited knowledge about the actual context, so I have a few questions to ask you:</p> <p>1. Where can I find specific scenarios to address or specific cases of communication failures (for example, what went wrong and which were the consequences)?</p> <p>2. Which assumptions can be made regarding the communication devices onboard the train (for example, can</p>	<p>(1) The European Commission draft proposal for amending Annex VI of Directive 2007/59/EC regarding language requirements has been uploaded in the Comitology Register:</p> <p><a href="http://ec.europa.eu/transparency/regcomitology/index.cfm?do=search.documentdetail&amp;Dos_ID=16748&amp;ds_id=59071&amp;version=2&amp;page=1">http://ec.europa.eu/transparency/regcomitology/index.cfm?do=search.documentdetail&amp;Dos_ID=16748&amp;ds_id=59071&amp;version=2&amp;page=1</a></p> <p>The aim is to create the legal base for the pilot projects to test alternative options in day-to-day operations. The draft presents the procedure to be followed as well criteria to be fulfilled in order to run a pilot.</p> <p>Furthermore, the Commission Decision of 14 November 2012 concerning the technical specification for interoperability relating to the 'operation and traffic management' subsystem of the rail system in the European Union (TSI OPE), amended</p>

	<p>we imagine our solution to run on a smartphone or tablet?)</p> <p>3. Is it required some form of complementarity with other Shift2Rail Projects from founders? I currently participate to another Shift2Rail OC, where this is required.</p> <p>4. Would a consortium made of two universities defining the solution, one SME developing a solution, and one SME demonstrating the solution be adequate?</p>	<p>by the Commission Regulation 2015/995/EU includes relevant provisions under point 4.6.2 of the Annex as well as in its Appendix C (Safety related communications methodology).</p> <p>(2) ...We are not prescriptive either regarding the alternative means to be used nor the communication device (see the European Commission draft proposal). It is up to the applicant to properly answer to the specific challenges, scope and impact section of the topic call in the way it deems most appropriate</p> <p>(3) OC-IPX-02-2019 has no specified complementary Actions..</p> <p>(4) It is up to the applicant to identify the most suitable consortium composition in order to properly address the specific challenge, scope and impact of this topic. Formally, a consortium as described by you could be eligible if one of its entities is established in a Member State or Associated country. Please note that S2R-OC-IPX-02-2019: Breaking language barriers follows specific eligibility criteria in accordance with Article 9.3(d) of the Horizon 2020 Rules of Participation. Therefore, the minimum condition for participation are reduced to requiring (only) the participation of one legal entity established in a Member State or associated country.</p>
<p>25</p>	<p>I'm writing about the Call "Shift2Rail JU". In particular we are evaluating to apply to the call "Advanced obstacle detection and track intrusion system for autonomous freight train" (ID: S2R-OC-IP5-02-2019).</p> <p>I'm reading the "Shift2Rail 2019 Annual Work Plan" and the Annex A of the H2020 Work Program, but I can't understand which is the maximum budget admitted and which are the eligible expenses for each call proposal. Where can I find these information?</p> <p>Thank you so much</p>	<p>S2R-OC-IP5-02-2019 'Advanced obstacle detection system for autonomous train operation' is an Innovation Action (IA) reaching an expected TRL of 6-7. The maximum funding rate is therefore limited to 70% in accordance with Article 28.5 of the H2020 Rules for Participation. As written in the section 2.2.6 of the S2R Annual Work Plan 2019, the (maximum) value of the action (i.e. total project 'budget') is 2,142,857€.</p> <p>As a general principle there is only one funding (reimbursement) rate per action, the same for all activities and all beneficiaries of the action (one project — one funding rate). Innovation Actions are funded up to 70%. However, if non-profit beneficiaries or non-profit linked third parties are partners of an Innovation Action - alone or together with profit beneficiaries/linked third parties - their eligible costs will be reimbursed according to their different reimbursement rates, up to 100% (article 27 of the H2020 Rules of Participation).</p> <p>Therefore, please note that the final total value of your proposal and your maximum funding rate also depend on the composition of beneficiaries in your consortium, as non-profit entities are eligible to submit additional kinds of eligible personnel cost in accordance with Article 6 of the Model Grant Agreement and are eligible of receiving a maximum funding rate of 100% instead of 70% in Innovation Actions. The S2R co-funding request nevertheless should not exceed the maximum S2R co-funding available for this topic, which is 1,500,000€.</p>

		<p>Detailed information on H2020 cost eligibility may be found, for example, in Article 6 of the Annotated Model Grant Agreement (<a href="http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf">http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf</a>)</p>
26	<p>Regarding the S2R Call for proposal 2019, I would like to know if a non-JU member has the possibility to participate in a Calls for proposals for JU members as Subcontractor.</p>	<p>The S2R JU Annual Work Plan and Budget for 2019 contains the information on specific eligibility criteria for S2R Calls in its section 2.3.4. The S2R-specific eligibility criteria of Membership only apply to beneficiaries of a Grant. Subcontractors are third parties in the Grant Agreement and not considered to be parties in the Grant Agreement. As such, subcontractors, which indirectly participate in the Grant through being contracted by beneficiaries to work on certain tasks, do not have to be Members of the JU.</p> <p>Please note that specific rules apply to the award of subcontracts (e.g. best value for money principle, no Conflict of Interest). For further information please refer to Article 13 of the of the Annotated Model Grant Agreement (<a href="http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf">http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf</a>)</p>
27	<p>In Work stream 1: Exterior noise simulation tools of call S2R-OC-CCA-01-2019: Noise &amp; Vibration, the first task mentioned is “Definition of the strength and directivity of the source: measure or simulate ...”. In order to perform lab measurements, the different components should be available. However, the call text does not specify whether the Member project will provide the necessary components.</p> <p>So the questions are:</p> <ul style="list-style-type: none"> <li>- Will the Member project provide the separate components for lab measurements?</li> <li>- Which components is the Member project planning to provide?</li> </ul>	<p>Yes, the complementary project will provide components for lab measurements and/or already existing measurements data of components.</p> <p>The components to be considered will be defined in alignment with the complementary project during project execution phase. You can find here few possible components, for example HVAC units, Compressors, motors, gearbox and traction cubicles. Please note this list is provided on an indicative basis.</p>
28	<p>Could you please confirm that the CCA-OC call topic is relevant for both areas noise and vibration?</p>	<p>The title of the topic, in line with the relevant TD, refers to both areas. However, as clearly described in the call text, the scope of this CCA OC covers solely noise related research.</p>

29	<p>Under the open call S2R- OC- IP1-01-2019 it seems that in the description of work stream 7 accessibility to passenger trains, there is a copy paste mistake from work stream 5 new tooling for composite door, that could lead to a strong miscalculation and service offering description for work stream 7.</p> <p>Also in this open call S2R- OC- IP1-01-2019, we have witnessed from the initial draft published on the S2R website a development history on the requested deliveries and work streams with a later addition of the work streams 7 / 8 / 10 / 11 and an budget rise from €3,1 mio. to €3,55 mio. As the requested services and deliverables will for sure not be covered sufficient with the budget plus of €0,45 mio. (particularly with physical mock up as well as software application development could you allocate the expected and acceptable volume for each work stream?</p>	<ul style="list-style-type: none"> <li>- As indicated in the question, there is a self-evident clerical mistake in work stream 7. The S2R JU hereby confirms that the scope description of WorkStream 7 in open call S2R-OC-IP1-01-2019 shall be read: <i>“Proposals should evaluate the demonstrator and solutions developed within S2R-CFM-IP1-01-2019 action selected for funding with a representative panel of persons with reduced mobilities. Potential updates of the specifications provided by complementary project S2R-CFM-IP1-01-2019 should also be evaluated. These activities are expected to reach a TRL5-6.”</i></li> <li>- The draft AWP2019 was provided publicly to anticipate the possible scope of the incoming Call and subject to the final decision of the Governing Board. Hence, reference to the draft AWP 2019 is irrelevant and useless.</li> </ul> <p>With regard to the allocation of R&amp;I activities/efforts to the different work-streams, this shall be assessed by the entities submitting the proposal taking into consideration the description and scope of the work.</p>
30	<p>I would like to know if my organisation is eligible for the non-members call of Shift2Rail?</p> <p>In fact a few members of our organization are also members of S2R JU. However, our organization, as a membership organisation of around 120 members, is indeed independent. Should you need any specific document from my side beyond the information available on the website, please let me know. Thank you.</p>	<p>In accordance with the H2020 rules of participation (articles 7 and 10), whereas participation is open to any legal entity, S2R JU funding is reserved for legal entities complying with the following criteria: (a) any legal entity established in an EU Member State or associated country, or created under EU law; (b) any international European interest organisation; (c) any legal entity established in a third country identified in the S2R JU work plan. Other companies can participate but without funding from the Union. Regarding the S2R JU list of countries eligible for funding, the Part A of the General Annexes to the EC Horizon2020 Work programme 2018-2020 applies.</p> <p><a href="http://ec.europa.eu/research/participants/data/ref/h2020/other/wp/2018-2020/annexes/h2020-wp1820-annex-ga_en.pdf">http://ec.europa.eu/research/participants/data/ref/h2020/other/wp/2018-2020/annexes/h2020-wp1820-annex-ga_en.pdf</a></p> <p>According to the eligibility criteria listed in the Shift2Rail Annual Work Plan 2019 (section 2.3.4 Standard eligibility conditions), topics labelled OC (Annex 2 of the S2R AWP2019) are open only to entities that are not:</p> <ol style="list-style-type: none"> <li>1) Members of the S2R JU (founding or associated),</li> <li>2) nor constituent entities of Members in the form of consortia or groupings,</li> </ol>

		<p>3) nor affiliated entities either to the S2R JU Members or to the constituent entities of Members in the form of consortia or groupings.</p> <p>Following the H2020 Rules for Participation (REGULATION (EU) N° 1290/2013), ‘affiliated entity’ means any legal entity that is:</p> <ul style="list-style-type: none"> <li>- under the direct or indirect control of a participant, or</li> <li>- under the same direct or indirect control as the participant, or</li> <li>- directly or indirectly controlling a participant.</li> </ul> <p>‘Control’ may take any of the following forms:</p> <p>(a) the direct or indirect holding of more than 50% of the nominal value of the issued share capital in the legal entity concerned, or of a majority of the voting rights of the shareholders or associates of that entity;</p> <p>(b) the direct or indirect holding, in fact or in law, of decision-making powers in the legal entity concerned.</p> <p>Please consider that if a Member of the JU (including constituent entities of the Members in the form of a consortia or groupings or their affiliated entities) happens to be a beneficiary of the consortium replying to a topic labelled "OC", the full consortium will be considered not eligible and therefore excluded from the next steps of the evaluation.</p> <p>Your organisation is therefore eligible to participate in an Open Call, even if some of your members are also S2R JU members, as long you do not fall into any of the above-mentioned categories.</p>
<p>31</p>	<p>In relation to the open call of the topic "S2R-OC-IP4-01-2019: Complementary Travel Expert Services": since this is not open for S2R JU Members, and we are the daughter company of one JU Member, are we still allowed to participate in this funding scheme?</p>	<p>According to the eligibility criteria listed in the Shift2Rail Annual Work Plan 2019 (section 2.3.4 Standard eligibility conditions), topics labelled OC (Annex 2 of the S2R AWP2019) are open only to entities that are not :</p> <ol style="list-style-type: none"> <li>1) Members of the S2R JU (founding or associated),</li> <li>2) nor constituent entities of Members in the form of consortia or groupings,</li> <li>3) nor affiliated entities either to the S2R JU Members or to the constituent entities of Members in the form of consortia or groupings.</li> </ol> <p>Following the H2020 Rules for Participation (REGULATION (EU) N° 1290/2013), ‘affiliated entity’ means any legal entity that is:</p> <ul style="list-style-type: none"> <li>- under the direct or indirect control of a participant, or</li> <li>- under the same direct or indirect control as the participant, or</li> <li>- directly or indirectly controlling a participant.</li> </ul> <p>‘Control’ may take any of the following forms:</p> <p>(a) the direct or indirect holding of more than 50% of the nominal value of the issued share capital in the legal entity concerned, or of a majority of the voting rights of the shareholders or associates of that entity;</p> <p>(b) the direct or indirect holding, in fact or in law, of decision-making</p>

		<p>powers in the legal entity concerned.</p> <p>Please consider that if a Member of the JU (including constituent entities of the Members in the form of a consortia or groupings or their affiliated entities) happens to be a beneficiary of the consortium replying to a topic labelled "OC", the full consortium will be considered not eligible and therefore excluded from the next steps of the evaluation.</p> <p>Please note that if you are an affiliated entity of a JU Member (or to the constituent entities of a JU Member in the form of consortia or groupings) according to the above-mentioned definition, then you could instead participate to the call topics labelled "CFM" (Annex 1 of the S2R AWP2019), in coordination with your respective S2R JU Member in accordance with its Membership Agreement with the S2R JU.</p>
<p>32</p>	<p>We are a JU Member and we are planning to participate to the topic "S2R-CFM-CCA-01-2019" making use of a LTP for a specific task where we do not have competence. We are not convinced that our LTP can provide more than what the complementary OC can already provide, therefore we are planning not to participate in this task. Can we reallocate our budget to either another part of CCA or move it entirely to the "S2R-CFM-IPX and CCA-01-2019" topic?</p> <p>Concerning the "S2R-CFM-IPX and CCA-01-2019" topic, as this IPX is a new activity not originally planned in the JU Membership Agreement, where does the budget come from?</p>	<p>If you consider that your LTP cannot perform the task appropriately, that is providing an added value to the CFM proposal in the framework of the S2R Programme it is indeed possible for you not to undertake that said task. Please although note that the call topic text clearly indicates that the proposals should address all the work streams indicated in the scope of the topic text. It is therefore up to the consortium to ensure that all work stream activities in the Scope section will be properly addressed (as well as the sections Specific Challenge and Expected Impact).</p> <p>The "S2R-CFM-CCA-01-2019" call topic text do not prescribe any budget division per work-stream activities, the budget allocation is therefore up to the judgement of the applicant considering the limit of the maximum EU funding.</p> <p>Transfer of EU funding between projects is not possible. It should be noted that the specific case of activities undertaken under "S2R-CFM-IPX and CCA-01-2019" topic may require contributions coming from other more solution oriented projects to support the delivery of results. In this respect, entities submitting CFM related proposals may consider to include efforts to contribute to S2R "IPX" specific activities from other projects, similarly to what does happen for standardization activities, dissemination and communication.</p> <p>The S2R JU in accordance with its Members created in the AWP2019 this new "IPX and CCA" topic that covers technically all IPs and CCA. Because of this transversal technical nature, if a S2R JU Member decides to take part of that new "IPX and CCA" topic activity, its work will simply be considered part of the already existing Membership Agreement. It is up to the Member to consider which part of its IPs and CCA involvement in S2R it would like to link to the "IPX and CCA" activities.</p>

<p>33</p>	<p>Regarding S2R-OC-IP1-01-2019, we would like to know the deliverables of each workstream. We are highly interested to know if it is required to provide following tool quantities:</p> <ol style="list-style-type: none"> <li>1. Three long prepeg Molding tools of 13 m x 2,5 m (oven)</li> <li>2. Two Compression Molding tools 2,5 m x 1 m</li> <li>3. Five Infusion Molding tools 2,7 m x 1300 m (oven)</li> <li>4. Two pultrusion tools 0,5 diameter (several internal reinforcements)</li> <li>5. Five interiors molding tools 2,5 m x 1,5 m (oven)</li> <li>6. Several units of smaller tools (oven) using different materials proposal</li> </ol> <p>Lastly, are the dimensions of the 3th tool correct?</p>	<p>The Shift2Rail JU has detailed the requirements for the expected deliverables for each work stream of the S2R-OC-IP1-01-2019 in the Scope Section. It is up to the applicant to identify the most suitable way in order to properly address the specific challenge, scope and impact of this topic – please refer to the respective topic in the Annex of the Shift2Rail Annual Work Plan 2019 (see <a href="https://shift2rail.org/wp-content/uploads/2019/01/20181204-AWP-adopted_Annex-Decision-19-2018.rev11012019.pdf">https://shift2rail.org/wp-content/uploads/2019/01/20181204-AWP-adopted_Annex-Decision-19-2018.rev11012019.pdf</a>). Regarding the tool quantities described in PIVOT's public "PIVOT project factsheet", the topic text mentions in the different workstreams that "Proposals should provide the necessary tools in the selected technology in order to manufacture the car body prototype defined in the PIVOT (S2R-CFM-IP1-01-2017) project"; it is therefore part of the topic call text.</p> <p>Regarding the Infusion Molding tools, we confirm that you have indeed discovered a typo here. The correct dimensions of the description of the third tool are 2,7m x 1,3 m (instead of 1300m).</p>
<p>34</p>	<p>I work for a company, one of your members is our shareholder at 100%.</p> <p>Regarding this situation, I was wondering if we are eligible to apply for your call for proposals?</p>	<p>According to the eligibility criteria listed in the Shift2Rail Annual Work Plan 2019 (section 2.3.4 Standard eligibility conditions), JU members (founding and associated) and their <b>affiliates can be beneficiaries in the topics that are labelled as "CFM" (Calls for members)</b> in the S2R call 2019.</p> <p>More specifically, competitive calls for proposals, pursuant to Article 9.5 of Horizon2020 Rules for Participation and Article 17.1(a) and (b) of S2R JU Statutes, restrict the type of beneficiary to JU Members (founding and associated), and their affiliated entities. In the case of Members in the form of consortia or groupings of legal entities, the individual constituent entities of these consortia or groupings, and the affiliated entities of these individual constituent entities, are eligible to participate in the restricted calls for JU Members;</p> <p>If, according to the above-mentioned definition, you can justify that you fall within the scope of an affiliated entity to a S2R member, you are eligible to participate in the 2019 CFM call exclusively (as a beneficiary or Linked Third Party).</p> <p>According to the H2020 RoP, affiliated entity means any legal entity that is - under the direct or indirect control of a participant, or - under the same direct or indirect control as the participant, or - directly or indirectly controlling a participant. Control' may take any of the following forms:</p>



		<p>(a) the direct or indirect holding of more than 50% of the nominal value of the issued share capital in the legal entity concerned, or of a majority of the voting rights of the shareholders or associates of that entity;</p> <p>(b) the direct or indirect holding, in fact or in law, of decision-making powers in the legal entity concerned.</p> <p>However, the following relationships between legal entities shall not in themselves constitute controlling relationships:</p> <p>(a) the same public investment corporation, institutional investor or venture-capital company has a direct or indirect holding of more than 50% of the nominal value of the issued share capital or a majority of voting rights of the shareholders or associates;</p> <p>(b) the legal entities concerned are owned or supervised by the same public body</p> <p>Otherwise, if it appears, based on the above-mentioned information, that you are not a constituent entity of S2R Members in the form of consortia or groupings, nor affiliated entities either to the S2R JU Members nor to the constituent entities of Members in the form of consortia or groupings, you can participate in open, competitive calls for proposals (OC), pursuant to Article 9.5 of Horizon 2020 Rules for participation and in accordance with the Standard eligibility conditions in section 2.3.4 of the S2R Annual Work Plan.</p>
35	<p>For the CCA-CFM-2019 the consortium would need to update deliverables coming from completed S2R projects, possibly with only few changes and amendments. Do you have an idea how we shall proceed?</p> <ol style="list-style-type: none"> <li>1. Update the deliveries of the closed project</li> <li>2. Updated deliveries within the CCA-CFM-2019 (90 % identical with the deliverable of the closed project)</li> <li>3. The CCA-CFM-2019 deliverable is an amendment for the deliverable of the closed project</li> </ol>	<p>Deliverables are additional outputs that must be produced at a given moment during the action and be identified in Annex 1 of each Grant Agreement. As stated in Article 19.1 of the GA, the coordinator of an action must submit the deliverables specified in Annex 1 of the respective Grant Agreement to the Shift2Rail JU in accordance with the timing and conditions set out in Annex 1.</p> <p>The production and submission of deliverables has to be conducted by the beneficiaries as set out in the Grant Agreement. Deliverables already submitted by another (previous) action may not be resubmitted by the same or another action, even if they are linked.</p> <p>Among other reasons, this is prohibited by the general principles applicable to Grants as set out in Article 188 of the Financial Regulation according to which the same action task cannot receive EU funding more than once.</p> <p>Among the proposed options, it appears that only option 3 is legally practicable, meaning to develop a stand-alone document, which could be regarded as an amendment of the deliverable from a past project, and describes the additional result and outcome linked to the new project activities.</p>
36	Dear S2R-Team,	Formally speaking, your question entails a number of issues that have to be determined:

<p>My colleagues want to apply for the IP5 CBM OC.</p> <p>However, I already work as a subcontractor for a S2R member, meaning that I support them in their position as an IP coordinator.</p> <p>Hence, I have full access to all information discussed.</p> <p>But we can assure that there will no conflict of interest as I will not support the colleagues in the ongoing proposal phase.</p> <p>Also, they have no access to the documents, etc.</p> <p>In addition my company is not:</p> <ol style="list-style-type: none"> <li>1) a Member of the S2R JU (founding or associated),</li> <li>2) nor a constituent entity of any Member in the form of consortia or groupings,</li> <li>3) nor an affiliated entity either to the S2R JU Members or to the constituent entities of Members in the form of consortia or groupings.</li> </ol> <p>Can you confirm that we are still allowed to submit a proposal under the CBM Open Call.</p> <p>Best wishes</p>	<ol style="list-style-type: none"> <li>1. Are you generally eligible to apply for an Open Call if you are already a subcontractor in a CFM action?</li> <li>2. Is there reason to exclude your proposal from the grant award if your entity is otherwise eligible?</li> </ol> <p><b>1. General eligibility:</b> According to the eligibility criteria listed in the Shift2Rail Annual Work Plan 2019 (section 2.3.4 Standard eligibility conditions), topics labelled OC are open to entities that are <b>not</b> :</p> <ol style="list-style-type: none"> <li>1) Members of the S2R JU (founding or associated),</li> <li>2) nor constituent entities of Members in the form of consortia or groupings,</li> <li>3) nor affiliated entities either to the S2R JU Members or to the constituent entities of Members in the form of consortia or groupings.</li> </ol> <p>Please consider that if a Member of the JU happens to be a beneficiary of the consortium replying to a topic labelled "OC", the full consortium will be considered not eligible and therefore excluded from the next steps of the evaluation.</p> <p>Therefore, in principle nothing prevents an entity acting as a subcontractor for a CFM beneficiary from submitting a proposal under the Open Call as long as the eligibility criteria as mentioned above are fulfilled (see also Q4 and Q35).</p> <p><b>2. Grounds for exclusion or rejection:</b> Before the completion of the grant award procedure, the Authorizing officer of Shift2Rail JU has to consider whether there are any given grounds for exclusion or other factors requiring a rejection of any of the proposals from the award procedure in accordance with the provisions of Title V of the Financial Regulation (Regulation 2018/1046 of the European Parliament and of the Council of 18 July 2018). For instance, Article 141(1)(c) of the Financial Regulation determines that a prior involvement of a participant related to the grant award may constitute a ground for exclusion if this entails a breach of the principle of equal treatment (e.g. distortion of competition) that cannot be remedied otherwise.</p> <p>Regarding your activities as subcontractor of a Member of the Shift2Rail JU to support the concerned Member in its activities as IP coordinator, you are bound by the obligations of confidentiality and conflict of interest that are governing the contractual relation between the Member and the S2R JU (see in particular Article 23 S2R Statutes, Article 6 Membership Agreement, and Article 2 of S2R GB Decision No 07/2018). Where your entity submits proposals in the context of the 2019 Call or other future calls it may be required to demonstrate having internally implemented sufficient measures to ensure the compliance with the aforementioned provisions in terms of confidentiality and conflict of interest, –in order to evaluate whether your entity does or does not fall under the provisions of rejection as determined in Article 141 of the Financial Regulation. Where the JU would consider that the submission of a proposal by an</p>
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		<p>entity as a part of a consortium may question the compliance with the principle of equal treatment and transparency, it may decide to exclude the proposal from any funding and take appropriate measures to protect the financial interest of the JU, as a body of the European Union. The concerned Member may also become itself liable in this respects if it was found that the Member has not complied with the provisions regarding confidentiality and conflict of interest.</p>
37	<p>I am working for a research institute and am in charge of collaborative projects and partnerships in R&amp;D . While searching for opportunities, I came across the Shift2Rail programme, which generated much interest within our team of experts. In brief, the main R&amp;D activities of our institute, are dedicated to innovation in welding, joining, assembly, and associated non-destructive testing and characterization, in the field of composite, metal and multi-materials. Indeed, we believe we have competences available for certain non-member calls. However, we would like to better understand how to set up a proposal in the best manner. Would S2R representatives be available for a bilateral discussion, or who would be the point of contact to explain us the principles of the JU and the proper ways to address the current S2R call ?</p>	<p>We appreciate your interest in the programme. Considering that we currently have a Call ongoing (see below) there are many opportunities to participate in the innovation activities of the Shift2Rail programme.</p> <p>Unfortunately, it is not possible to establish a bilateral explanatory session between Shift2Rail and your entity with respect to the ongoing call. This might be considered as an infringement on the rules of transparency and equal treatment/non-discrimination as general EU funding principles and as set out in Article 11.1 of the H2020 RoP (<a href="https://ec.europa.eu/research/participants/data/ref/h2020/legal_basis/rules_participation/h2020-rules-participation_en.pdf">https://ec.europa.eu/research/participants/data/ref/h2020/legal_basis/rules_participation/h2020-rules-participation_en.pdf</a>).</p> <p>However, accompanying the ongoing Call, the JU has published a broad array of informational materials. You may find specifications of all topics in the current call in the Annexes of the Shift2Rail Annual Work Plan 2019 and other relevant documents at this link: <a href="https://shift2rail.org/participate/call-for-proposals/">https://shift2rail.org/participate/call-for-proposals/</a></p> <p>In addition, the S2R JU has organized an Info-Day related to the Call 2019 and some material is available at the same link above, including the published Q&amp;A and videos.</p> <p>You may also refer to your respective National Contact Point for H2020 / Transport at the following link: <a href="https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/ncp">https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/support/ncp</a></p> <p>You can also contact your national or European sectorial associations which may be of help.</p>
38	<p>I How much can a S2R JU Member can be involved in a OC project proposal of the S2R call 2019.</p> <p>How should a S2R JU Member act? Is it ok for a <i>single</i> member to be</p>	<p>According to the eligibility criteria listed in the Shift2Rail Annual Work Plan 2019 (section 2.3.4 Standard eligibility conditions), topics labelled OC are open only to entities that are <u>not</u>:</p> <ol style="list-style-type: none"> <li>1) Members of the S2R JU (founding or associated),</li> <li>2) nor constituent entities of Members in the form of consortia or groupings,</li> </ol>

	<p>included in <i>one</i> proposal, or should that be decided later?</p> <p>In what aspects can a Member participate in the actual project: advisory board, use of our facilities for evaluation and demo? Can we be a primary receiver of the results? Can a S2R JU Member give input in the proposal stage?</p>	<p>3) nor affiliated entities either to the S2R JU Members or to the constituent entities of Members in the form of consortia or groupings. Accordingly, concerning the inclusion of a member in an OC proposal, please consider that if a Member of the JU happens to be a beneficiary of the consortium replying to a topic labelled "OC", the full consortium will be considered not eligible and therefore excluded from the next steps of the evaluation.</p> <p><u>In addition, any S2R JU Member has to comply with its legal obligations in terms of confidentiality and conflict of interest</u> that are governing its membership in the S2R JU (see in particular Article 23 S2R Statutes, Article 6 Membership Agreement, and Article 2 of S2R GB Decision No 07/2018). Any Member shall refrain from disclosing to any third party any S2R information, in particular on the content of the current and future Calls, which would undermine the principal of equal treatment.</p> <p>Where such situation would materialize, the S2R JU will take all measures to protect the financial interests of the European Union, in accordance with the relevant Regulation and its Anti-fraud Strategy, towards the Member(s) and/or parties concerned.</p> <p>Hence, any relation between a Member and any other OC in the context of the S2R Programme is regulated by the Grant Agreement and the establishment of a Collaboration Agreement <u>after</u> the proposal has been selected and awarded.</p>
<p>39</p>	<p>I have the following questions on the call "S2R-CFM-IP2-01-2019: Completion of activities for enhanced automation systems (including Freight ATO GoA4), train integrity, object controller":</p> <p>1. For work stream 1 TD 2.10 "Smart Radio connected all-in-all wayside objects" as well as for work stream 2 TD5.1.3 "Freight ATO: Cargo", the specified foreseen achievable TRL is 6/7. Could you please clarify what is the meaning of this double value of the TRL? Does it mean that the achieved TRL can be 6 or 7?</p> <p>2. Regarding work stream 1 TD2.2 "Railway network capacity increase (ATO up to GoA3/4)", the specified foreseen achievable TRL is 7. However, in the list of points that the activities of this TD are expected to</p>	<p>1. The TRL level indicated means that this range of achievement would be acceptable for the S2R JU under the respective topic;</p> <p>2. Yes, for proposals aiming to reach TRL 7, on-site tests would be expected;</p> <p>3. It is up to the applicant to identify the most suitable composition and work structure of consortium partners in different Work Packages in order to properly address the specific challenge, scope and impact of this topic.</p>

	<p>cover, there is no mention of on-site tests. Could you please clarify if on-site tests are expected to be performed in the frame of these activities or not?</p> <p>3. The work stream 1 TD2.9 “Traffic Management Evolution” contains some prototyping/demonstrators activities. The current view is to organise the corresponding work in two WPs: a first one including the work related to TRL4 demonstrators and a second one including the work related to TRL6 demonstrators. Each of these WP would involve several partners but would include prototyping/demonstrators tasks related to a single partner. Is this work structure acceptable? The same question applies to the work stream 1 TD 2.10 “Smart Radio connected all-in-all wayside objects”.</p>	
<p>40</p>	<p>We are preparing a project proposal for the H2020-S2RJU-2019 call. In the template for part B section 4.2 <i>Third parties involved in the project (including use of third party resources)</i></p> <p>There is a question about in kind contribution of third parties: <i>Does the participant envisage the use of contributions in kind provided by third parties (Articles 11 and 12 of the General Model Grant Agreement)?</i></p> <p>My question to you is: if we make use of data/contributions of the complementary project of the JU members in the same call, do we then make use of contributions in kind provided by third parties?</p>	<p>Please note that the provisions of in-kind contributions by third parties of Article 11 and 12 of the (Standard) S2R Model Grant Agreement are relevant for description of tasks in the Annexes to the Grant Agreement and questions of cost eligibility (that is whether you or the third party may declare cost related to the in-kind contribution).</p> <p>However, as (potential) beneficiaries in complementary projects, both you and the other beneficiary providing the data within the collaboration relationship have an obligation to implement the Action in accordance with the collaboration provisions of the Grant Agreement. <u>Therefore, beneficiaries of complementary actions are not regarded as third parties in the sense of the Article 11/12.</u></p> <p>Instead collaboration between complementary projects is covered by the provisions regarding collaboration in Article 2 in conjunction with the relevant other provisions, for instance in the case of data transfer the provisions of Access Rights to Results and/or Background as set out in Article 25 and 31 GA (e.g. obligation to provide royalty-free Access to Results or Background to complementary actions). Accordingly, cost declaration and eligibility will be handled between the JU and the respective beneficiaries directly as opposed to cost related to in-kind contributions of third parties, that do not have a contractual relationship with the JU, for which you would be the sole contact point for the JU.</p>

		<p>In principle, you can regard in-kind contribution provided by third parties as a category that may apply when you cannot categorize it in another more fitting way. In other words, it needs to be checked first whether the other entity could be covered by another more specific category in the Grant Agreement (e.g. other Beneficiary in the same Action, Affiliated Entity, Linked Third Party, Subcontractor, or Beneficiary in a complementary Action).</p>
41	<p>We are currently helping for building a CFM proposal.</p> <p>Regarding subcontracting: tasks assigned must be described in section 4 of the proposal, but does the subcontractor name has to be identified also at the same time?</p>	<p>If the proposing parties already foresee the use of subcontracting, the subcontractor in principle does not have to be named at the proposal stage but the tasks already foreseen to be subcontracted and the (estimated) value of subcontracting should be described in the proposal. This is in particular in the interest of the proposing parties, as new subcontracting during the Action duration will be subject to approval by the Joint Undertaking – either by way of a mendment of the Grant or by justification in and approval of a Technical Report. In order to avoid any uncertainties regarding cost eligibility of subcontracting, as many details as possible should be provided as soon as possible.</p> <p>Please note that specific rules apply to the award of subcontracts in H2020/S2R Actions (e.g. best value for money principle, and no Conflict of Interest) and that subcontracting may cover only a limited part of the action. For further information please refer to Article 13 of the of the Annotated Model Grant Agreement (<a href="http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf">http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/amga/h2020-amga_en.pdf</a>)</p>
42	<p>For S2R-OC-IP1-01-2019, WS8, the PIVOT document referred to in the footnote about "Train modularity in use" is not so clear regarding for instance concepts of figures 13 and 14 (not much detail about what is a smart cabin and what are the parameters to personalize a cabin). Can we have more information about these both concepts, e.g. practical goals to be achieved? (i.e., smart cabin and personalized cabin).</p>	<p>S2R-OC-IP1-01-2019, WS8, has two tasks: to develop several modules for ambiances, lighting and accessories (modular interior concepts) and to enhance several layouts with the help of a virtual passenger / cabin room. As indicated in the topic description in the AWP2019, for the action expected to be funded under S2R-OC-IP1-01-2019 <u>the goal is not to develop new concepts of a driver's cabin, but to help to validate a way of new HMI by the cognitive survey of WS10.</u></p> <p>The scope of the virtual immersive interior design configurator tool for cabin aims to add or delete equipment or interior design with a real time configurator. The tool should aim to support the enhancement of several layouts in real time by immersive technologies and be able to show different uses in a virtual passenger / cabin room.</p> <p>The fact sheet referred to in the call text explains the configurator for interior design in more detail.</p>
43	<p>For S2R-OC-IP1-01-2019, WS8, Figure 13 or 14 of the related PIVOT fact sheet referred to in the footnote does not propose real new original human-machine interactions to be studied or integrated on cabin.</p>	<p>For driver's cabin these new technologies are part of the work in S2R but the scope described in the S2R-OC-IP1-01-2019, WS8, is for the driver's cabin, to develop a configurator tool for virtual reality tools (in which we will see these technologies). Testing the pertinence of new technologies by a survey is covered under WS10, not in WS8.</p>

	<p>What's about supports as eye-trackers, face recognition systems, and other interactions supports?</p>	<p>Proposals are expected to reach a-user-friendly design, real time layout configuration and support for the optimization of the layout in real time with all constraints taken into account, for example weight, integration prohibitions, sitting and seating capacity etc.). As indicated in the call text, "The specifications and/or design brief are indicatively supposed to be provided by the complementary topic S2R-CFM-IP1-01-2019 at M4".</p>
44	<p>For S2R-OC-IP1-01-2019, WS8, the related PIVOT fact sheet referred to in the footnote does not propose detailed targets or interactions to be studied or integrated on interiors.</p>	<p>For interiors, as written in the call text, proposals should "demonstrate the attractiveness and the modularity of the proposed design" "adapted with the concept of quick fixation system developed in PIVOT". On the other hand to offer a "configurator tool using new immersive technologies". The complementary CFM expected to be funded under the topic S2R-CFM-IP1-01 is in turn expected to provide the equipment modules: table, seats, etc.</p>
45	<p>For S2R-OC-IP1-01-2019, WS9, are CADs/designs already available in PIVOT-and/or the complementary action to be funded under the topic S2R-CFM-IP1-01-2019, or are we expected to make our own designs and simulations?</p>	<p>The interiors design is expected to be performed alongside in the complementary CFM action expected to be funded under the topic S2R-CFM-IP1-01-2019 and it is expected that the results will be provided to the OC action according to the schedule indicated in the S2R-OC-IP1-01-2019 topic.</p>
46	<p>For S2R-OC-IP1-01-2019, WS9, are materials and layups already defined, with concrete technical specifications (like for aeronautics: composite structure, specific requirements for resistance to fire, others)?</p>	<p>It is up to the applicant to identify the most suitable solution in order to properly address the specific challenge, scope and impact of this topic. It is expected that the action to be funded under the topic S2R-OC-IP1-01-2019 will coordinate these issues closely with the future complementary action, in the subsequent Action later on.</p>
47	<p>For S2R-OC-IP1-01-2019, WS9, what demonstrator levels should we release? (how many, size? Sizes of moulds?)</p>	<p>The Model is expected to be defined in the complementary CFM action under the call topic S2R-CFM-IP1-01-2019, The number of tools depends on the grade of implementation of easy modification and reuse of tools as stated in the call.</p> <p>However, it is up to the applicant to identify the most suitable specifications of the project in order to properly address the specific challenge, scope and impact of this topic. It is expected that the successful proposal will in the subsequent Action later on coordinate these issues closely with the future complementary action.</p>
48	<p>For S2R-OC-IP1-01-2019, WS9, are there preferred manufacturing processes to focus on, based on PIVOT and/or the complementary action to be funded under the topic S2R-CFM-IP1-01-2019 results, in order to avoid "reinventing the</p>	<p>As indicated in the call text, 3-D printing is already a promising approach, but other technologies could be considered, in order to properly address the specific challenge, scope and impact of this topic. It is expected that the future Action will coordinate with the complementary action in this regard.</p>

	<p>wheel"? We work on 3D printing alloys, RTM, infusion, out-of-autoclave pre-pegs, 3D preforms and other technologies that allow cost and manufacturing time reduction while increasing quality.</p>	
49	<p>For S2R-OC-IP1-01-2019, WS10, will the participants of the survey ("Drivers and non-driver member of staff from operators of minimum 3 countries") be provided by the consortium in charge of the complementary topic S2R-CFM-IP1-01-2019, or should it be part of our proposal, or as external members of our proposal?</p>	<p>The action to be funded under the topic S2R-OC-IP1-01 is expected to realise the European survey. However, the beneficiaries of the complementary action expected to be funded under the topic S2R-CFM-IP1-01-2019 and/or other Members of the JU may also provide support in getting access to potential participants of the survey. It is up to the applicant to identify the most suitable process for this, in order to properly address the specific challenge, scope and impact of this topic. It is expected that the future Action will coordinate with the complementary action.</p>
50	<p>For S2R-OC-IP1-01-2019, WS11, is there any previous development from S2R that should be taken into account? (few reference to this concrete WS in any of the project and TD documents).</p>	<p>A 'previous' technology is developed by the OC Action Mat4Rail (GA Nr. 777595) to demonstrate by a simple mock-up what is possible. In general, Mat4Rail is establishing the feasibility of its technological approach. Nevertheless, the call is not prescriptive and does not require to take into account previous developments. It is up to the applicants to determine the best approach in order to properly address the specific challenge, scope and impact of this topic. Thus, if the proposal will propose different technologies it would be compatible with the call text, as the importance ultimately lies in the impact.</p>
51	<p>For S2R-OC-IP1-01-2019, WS8 we would like to know whether an immersive visualization of the complete train or just one section, where we change the settings is needed?</p>	<p>The PINTA factsheet referred to in the call states that the tool is expected to integrate all components (lighting, seat, tables, etc.) for not just a section but a multi-coach train. However, in answering to your question we have identified a typo in the factsheet: the reference is a 3 coach train and not (necessarily) a 4 coach one.</p>
52	<p>Is VR as important as the IPAD and COMPUTER usage for S2R-OC-IP1-01-2019, WS8? I ask this since there are a lot of things to consider on the realization of the product if there is no real need for a VR module.</p>	<p>In S2R-OC-IP1-01-2019, WS8 the AWP 2019 and the connected PINTA factsheet, referred in the call footnote, foresee that the newest immersive technologies should be used. The general idea is therefore to build a real time 3D configurator to help an engineer to design the layout of a room by computer because that allows to layout in real time, for example in a VR room or by VR headset. It would be up to the applicant to determine and provide clarity in its proposal that the IPad can be feasible for this task (considering its limited processing power, etc.). It is up to the applicant to identify the most suitable technology in order to properly address the specific challenge, scope and impact of this topic considering that the goal is to help to build and test new layouts in a design phase and not for sale or marketing purposes.</p>



		It is important also to consider, as written in the call text, “Fluidity and user friendly design is expected in term of use”.
53	Can you provide for S2R-OC-IP1-01-2019, WS8 production and delivery time estimation?	It is up to the applicant to identify the most suitable work structure of the project in order to properly address the specific challenge, scope and impact of this topic. As written in the call text, the indicative schedule expected for the deliverables under WS8 is by month 24. It is expected that the future Action will coordinate with the complementary action.
54	For S2R-OC-IP1-01-2019: Does the configurator have to develop own interior or cabin modules to be used during the virtual configuration?	<p>The complementary CFM action, and the OC action to be funded under the topic S2R-OC-IP1-01-2019 in WS8 for interior ambiances, lighting and accessories, are expected to provide the modules of interiors. Proposals are expected to incorporate the common design needs of the sector, for example to build a 3D data library with the possible modules provided by the complementary action to be funded under the topic S2R-CFM-IP1-01-2019 which is expected to develop modules (seats, luggage racks, tables, handrails etc.) and 3D models of the carbody of a train (simple deck, double deck and others). In this respect, proposals should ensure that all relevant aspects and constraints are taken into account in accordance with the requirements of the call.</p> <p>Consequently, it is up to the applicant to identify the most suitable specifications of the configurator in order to properly address the specific challenge, scope and impact of this topic. It is also expected that the successful proposal and subsequent Action will coordinate closely with its complementary action in this regard.</p>
55	<p>Regarding forming a consortium of different partners I have the following questions:</p> <ul style="list-style-type: none"> <li>- Is it mandatory for the three partners within a consortia to come from different countries? E.g. can a consortia consisting of three different partners from one country be accepted?</li> <li>- Can company affiliates or subsidiary companies from different countries form a consortia?</li> </ul>	<p>According to the H2020 rules of participation (article 9) and according to the Horizon 2020 Work Programme 2018-2020, the following minimum conditions generally apply for Research and Innovation actions and for Innovation actions:</p> <p>(a) at least three legal entities shall participate in an action; Legal entity' means any natural person, or any legal person created and recognised as such under national law, Union law or international law, which has legal personality and which may, acting in its own name, exercise rights and be subject to obligations (article 2).</p> <p>(b) three legal entities shall <u>each be established in a different Member State or H2020 associated country</u>; and</p> <p>(c) <u>the three legal entities referred to in point (b) shall be independent of each other</u> within the meaning of Article 8. According to the H2020 Rules for Procedure, affiliated entity means any legal entity that is - under the direct or indirect control of a participant, or - under the same direct or indirect control as the participant, or - directly or indirectly controlling a participant.</p> <p>However, please note that for some topics (e.g. S2R-OC-IPX-02-2019: Breaking language barriers) the AWP 2019 enacts specific eligibility</p>

		<p>criteria in accordance with Article 9.3(d) of the Horizon 2020 Rules of Participation. In these topics, the minimum condition for participation are reduced to requiring (only) the participation of one legal entity established in a Member State or associated country.</p>
56	<p><b>S2R-OC-IPX-02-2019: Breaking language barriers.</b></p> <p>(1) What is the exact deadline for the call? Q2 2019 is not really clear.</p> <p>(2) How can I submit a proposal, what are the exact requirements for submitting a proposal?</p> <p>(3) How and who could I contact regarding questions on the content of the expected final product to be delivered?</p>	<p>(1) Submission of proposals for the Call 2019 will be accepted until 18 June 2019, 17:00:00 Brussels time. For further information please see our website: <a href="https://shift2rail.org/participate/call-for-proposals/">https://shift2rail.org/participate/call-for-proposals/</a> or the Call 2019 via the Funding &amp; Tender Opportunities portal (SEDIA)</p> <p>(2) You may submit proposals for the Call 2019 via the Funding &amp; Tender Opportunities portal (SEDIA) under the following link <a href="https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=H2020-S2R;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=null;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=Default;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState">https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=H2020-S2R;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=null;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=Default;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState</a></p> <p>The electronic process will guide you through all necessary steps of preparing your proposal. Additional information on topics and eligibility conditions (e.g. section 2.3.4 and Annexes) may be found in the Shift2Rail Annual Work Plan 2019 under the following link: <a href="https://shift2rail.org/wp-content/uploads/2019/01/20181204-AWP-adopted_Annex-Decision-19-2018.rev11012019.pdf">https://shift2rail.org/wp-content/uploads/2019/01/20181204-AWP-adopted_Annex-Decision-19-2018.rev11012019.pdf</a></p> <p>(3) Information on the expected results and impact of the topic can be found in section 4.2.12 of the S2R Annual Work Plan 2019 (link see above). All further questions regarding the ongoing call have to be directed exclusively to <a href="mailto:info-call@s2r.europa.eu">info-call@s2r.europa.eu</a> for answer and publication in this Q&amp;A in order to satisfy the principle of equal treatment among participants.</p>
57	<p>I would like to receive your news and info on Calls for Proposals. I would also like to get more info on how we can participate in R&amp;I projects.</p>	<p>For information on activities, calls, ongoing projects and much more you can subscribe to the Shift2Rail Newsletter under the following link: <a href="https://shift2rail.org/newsletter-subscription/">https://shift2rail.org/newsletter-subscription/</a></p> <p>For further information on how to participate in our Calls, you may first consult the respective section in the Funding &amp; Tenders Opportunities Portal (SEDIA) under the following link: <a href="https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/how-to-participate">https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/how-to-participate</a></p> <p>For information on S2R Calls you may also consult our website here <a href="https://shift2rail.org/participate/call-for-proposals/">https://shift2rail.org/participate/call-for-proposals/</a> and for information on specific topics of each respective call you can refer to the respective Annual Work Plan which contains eligibility conditions</p>



		as well as detailed description of the call topics in its Annexes (see for example here: <a href="https://shift2rail.org/wp-content/uploads/2019/01/20181204-AWP-adopted_Annex-Decision-19-2018.rev11012019.pdf">https://shift2rail.org/wp-content/uploads/2019/01/20181204-AWP-adopted_Annex-Decision-19-2018.rev11012019.pdf</a> for the current call.
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