



## Questions & Answers

*Call for proposals 2019*

*H2020-S2RJU-2019*

Date of publication: 01/04/2019

Document history		
Revision	Date	Description
1	04/03/2018	First publication <ul style="list-style-type: none"><li>• InfoDay Questions 1-20</li><li>• Questions received via the S2R JU functional mailbox 20-26</li></ul>
2	01/04/2019	Second publication <ul style="list-style-type: none"><li>• Questions received via the S2R JU functional mailbox: Q 27-32</li></ul>

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/jtis/h2020-mga-multi-shift2rail-ju_en.pdf">http://ec.europa.eu/research/participants/data/ref/h2020/other/mga/jtis/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)  <a href="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</a>	S2R Regulation

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>

		<p>- Third party with a legal link with the beneficiary (LTP), - Subcontractor.</p> <p>In both cases, the provisions of H2020 Rules of Participations on subcontracting and on linked third parties must be complied with. 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>
4	<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>
5	<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	<p>What is the TRL of expected outcomes of IP1-CFM-2019 (just 'concepts')?</p>	<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	<p>Will more specific Cybersecurity Calls be issued? Based on results/ activities X2Rail-1?</p>	<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	<p>What extent is the complementarity between IP2 and ERTMS Users Group?</p>	<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	<p>How is the question of intellectual property handled? What if a company develops patentable technology as part of participation in a Shift2Rail project?</p>	<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).</p> <p>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</p>

		<p>“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 S2R JU 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	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>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>

<p>15</p>	<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>
<p>16</p>	<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>
<p>17</p>	<p>Is CBM for rollingstock 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 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	Will the presentations presented during the InfoDay be available on the S2R website?	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>
19	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>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 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. 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_userm anual.pdf">http://ec.europa.eu/research/participants/data/support/sep_userm anual.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, 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</p>

		<p>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.</p> <p>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> <ol style="list-style-type: none"> <li>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)?</li> <li>2. Which assumptions can be made regarding the communication devices onboard the train (for example, can we imagine our solution to run on a smartphone or tablet?)</li> <li>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.</li> <li>4. Would a consortium made of two universities defining the solution, one SME developing a solution, and one SME demonstrating the solution be adequate?</li> </ol>	<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 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> <ol style="list-style-type: none"> <li>(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</li> <li>(3) OC-IPX-02-2019 has no specified complementary Actions..</li> <li>(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</li> </ol>

		<p>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). 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? 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>
<p>26</p>	<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 an 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 Members 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</p>	<p>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></p> <p>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.</p> <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</p>

	<p>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>	<p>proposals taking into consideration the description and scope of the work.</p>
<p>30</p>	<p>I would like to know if my organisation is eligible for the non-members call of Shift2Rail? 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. <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> <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> <ol style="list-style-type: none"> <li>(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;</li> <li>(b) the direct or indirect holding, in fact or in law, of decision-making powers in the legal entity concerned.</li> </ol> <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>
31	<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> <ol style="list-style-type: none"> <li>(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;</li> <li>(b) the direct or indirect holding, in fact or in law, of decision-making powers in the legal entity concerned.</li> </ol> <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>
32	<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</p>	<ol style="list-style-type: none"> <li>1. If you consider that your LTP cannot perform the task appropriately 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</li> </ol>

<p>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 the budget come from?</p>	<p>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. 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>2. 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>
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