



## Questions & Answers

*Call for proposals 2020*

*H2020-S2RJU-2020*

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Document history		
Revision	Date	Description
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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/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
Grant Agreement	GA
Consortium Agreement	CA
S2R JU Annual Work Plan and Budget for 2020 <a href="https://shift2rail.org/about-shift2rail/reference-documents/annual-work-plan-and-budget/">https://shift2rail.org/about-shift2rail/reference-documents/annual-work-plan-and-budget/</a>	S2R AWP 2020
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.	Where can I find a list of S2R JU projects?	The list of all S2R JU projects is available on the S2R website at: <a href="https://projects.shift2rail.org/s2r_projects.aspx">https://projects.shift2rail.org/s2r_projects.aspx</a>
2.	I am a non-member of S2R JU, can I participate in a CFM?	<p>According to the eligibility criteria listed in the S2R AWP 2020 (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 2020.</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 which, 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 (Linked Third Party),</li> <li>- Subcontractor.</li> </ul> <p>In both cases, the provisions of H2020 Rules for Participations and of the H2020 MGA on subcontracting and on linked third parties must be complied with. For more information about this point, please refer to the next question n° 3.</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>3.</p>	<p>What is the difference between participation as subcontractor and participation as Linked Third Party(LTP)?</p>	<p>The differences between subcontractors and LTPs are explained below:</p> <p>1. Subcontractors (Article 13 of the MGA): The beneficiaries have a contractual link with subcontractors, having as their object the implementation of specific action tasks. Please note that subcontractors can carry out only limited parts of the action. Subcontracts are based on business conditions, which means that the subcontractor charges a price which usually includes a profit.</p> <p>The eligible costs are the prices charged to the beneficiary by the subcontractors (usually containing a profit margin for the subcontractors but not for the beneficiary).</p> <p>The beneficiary must award the subcontracts on the basis of best value for money (or lowest price) and absence of conflict of interests.</p> <p>2. LTPs ( Article 14 of the MGA): The beneficiaries must have a “legal link” or a “capital link” with the LTPs.</p> <p>‘Entities with a legal link’ refer to an established relationship (between the third party and the beneficiary), which is:</p> <ol style="list-style-type: none"> <li>1) broad and not specifically created for the work in the Grant Agreement (GA) - Accordingly, its duration must go beyond the action duration and it usually pre-dates and outlasts the GA. Ad hoc collaboration agreements or contracts to carry out work in the action are NOT covered. (In this latter case, both legal entities should be beneficiaries).</li> </ol> <p>AND</p> <ol style="list-style-type: none"> <li>2) a legal relationship. This may either be a legal structure (e.g. the relationship between an association and its members) or through an agreement or contract not limited to the action (e.g. a collaboration agreement for research in a particular field). If the only relation between two entities is a capital link (i.e. ownership of part of the issued share capital), the entity may only participate as a linked third party if it is an ‘affiliated entity’ (see below).</li> </ol> <p>‘Entities with a capital link’ or ‘Affiliated entities’ means:</p> <ul style="list-style-type: none"> <li>- under the direct or indirect control of the beneficiary or</li> <li>- under the same direct or indirect control as the beneficiary or</li> <li>- directly or indirectly controlling the beneficiary.</li> </ul> <p>Affiliated entities cover not only the case of parent companies or holdings and their daughter companies or subsidiaries and vice-versa, but also the case of affiliates between themselves (e.g. entities controlled by the same entity)</p> <p>In order to be accepted as LTPs, the official document which proves the link as explained above must be provided by the beneficiary.</p> <p>Entities performing a substantial part of the work should in principle be</p>

		<p>beneficiaries, not LTPs. LTPs should only exceptionally perform a major part of the work.</p> <p>LTPs do not charge a price but declare their own costs for implementing the action tasks. The eligible costs are only the costs of the LTP, no profit is allowed (neither for the linked third party nor for the beneficiary).</p>
<p>4.</p>	<p>What is the role of the coordinator? What budget can be foreseen for the coordinator?</p>	<p>The coordinator must coordinate and manage the GA, is the central contact point for the JU and represents the consortium towards the JU. Main coordination tasks are the following (Article 41.2.b) MGA:</p> <ul style="list-style-type: none"> <li>• Monitor that the action is implemented properly</li> <li>• Act as the intermediary for all communications between the beneficiaries and the JU - unless the Agreement specifies otherwise</li> <li>• Request and review any documents or information required by the JU and verify their completeness and correctness</li> </ul> <p>The coordinator must check the quality of the documents submitted by the beneficiaries, including:</p> <ul style="list-style-type: none"> <li>- reviewing the individual financial statements from each beneficiary to verify consistency with the action tasks, as well as their completeness and correctness (e.g. that the addition of the different costs declared by the beneficiary corresponds to the total amount declared, or that the 25% flat-rate for indirect costs is correctly calculated). The coordinator is not, however, obliged to verify the eligibility of these costs (under Article 6) or to request justifications. Each beneficiary remains responsible for the cost it declares (both as regards eligibility and as regards sufficient records and supporting documents to substantiate them).</li> <li>- verifying that all the requested documents are submitted by the beneficiary (e.g. the summary, the questionnaire etc.)</li> <li>- verifying that the beneficiary submits the documents in the requested format</li> <li>- verifying that the technical information submitted by a beneficiary concerns its action tasks as described in Annex 1 (and not something unrelated to the action)</li> </ul> <ul style="list-style-type: none"> <li>• Submit the deliverables and reports</li> <li>• Distribute payments to the other beneficiaries, without unjustified delay</li> <li>• Inform the JU of the amounts paid to each beneficiary, if requested to do so (see Article 44.1.2)</li> </ul> <p>The coordination tasks listed in Article 41.2 can normally not be subcontracted or outsourced to a third party (including linked third parties). They cannot be carried out by other beneficiaries.</p> <p>Regarding the budget for the Coordinator, it is up to the consortium submitting a proposal to consider the appropriate budget to be assigned to the coordinator for its tasks ensuring correct execution of the the project implementation . Like all costs, in order to be eligible, these costs must comply with the eligibility conditions set out in Article 6 of the MGA.</p>

5.	How are Intellectual Property Rights (IPR) handled?	<p>A successful proposal will conclude a Grant Agreement (GA) with the S2R JU, which will contain a number of standard 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.</p> <p>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>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 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>The GA 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 S2R MGA). Further specifics may be included in the Consortium Agreement and, if applicable, Collaboration Agreements with complementary actions. For complementary grants, the JU has developed a specific model template for a “collaboration agreement” that could 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, but other models can be used. (<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>) For more information on IPR, see Article 23a to 40 to the AGA</p> <p>Regarding (patentable) results, the GA 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 GA (see, i.a., Article 27).</p> <p>For more information, please find here the link towards the guide to Intellectual Property Rights in H2020: <a href="https://www.iprhelpdesk.eu/sites/default/files/documents/EU_IPR_IP-Guide.pdf">https://www.iprhelpdesk.eu/sites/default/files/documents/EU_IPR_IP-Guide.pdf</a></p>
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<p>6.</p>	<p>What is the difference between the Grant Agreement and the Consortium Agreement? Is it possible to sign the Consortium agreement after the signature of the Grant Agreement?</p>	<p>The Grant Agreement (GA) is signed between the JU on the one part and the Coordinator on the other part as well as the other beneficiaries who accede to the GA by signing the Accession Form. The GA sets out the rights and obligations and the terms and conditions applicable to the grant awarded to the beneficiaries for implementing the action.</p> <p>The Consortium Agreement (CA) is signed between the beneficiaries of a GA in order to ensure a smooth and successful implementation of the project. It is purely internal; the JU is not party and has no responsibility for it. The CA sets out the internal arrangements between the members of the consortium for implementing the grant. The CA should complement the GA and must not contain any provision contrary to it.</p> <p>The CA may cover the following aspects (Article 41.3 of the MGA):</p> <ul style="list-style-type: none"> <li>- internal organisation of the consortium;</li> <li>- management of access to the electronic exchange system;</li> <li>- distribution of EU funding;</li> <li>- additional rules on rights and obligations related to background and results</li> <li>- settlement of internal disputes;</li> <li>- liability, indemnification and confidentiality arrangements between the beneficiaries</li> </ul> <p>The CA should in principle be negotiated and concluded before the signature of the GA (i.e. each beneficiary should sign the CA before acceding to the GA).</p>
<p>7.</p>	<p>We are interested to participate in the open call S2R-OC-CCA-01-2020 “Noise and Vibration Call”. I have the following questions:</p> <ol style="list-style-type: none"> <li>1. Is there another possibility to announce one’s interest and one’s competence? Maybe similar to the pitches of the info day? I have attached two short articles for your quick information.</li> <li>2. Is it possible to make a proposal only for work-stream 1 “Ground Vibration”?</li> <li>3. This means a maximum funding of 700.000 Euro. Is it possible to make a proposal with only two partners?</li> <li>4. We think of a Swiss partner. Would this be acceptable? Germany + Switzerland (not part of the EU)?</li> </ol>	<p>Please find below the answers to your questions:</p> <ol style="list-style-type: none"> <li>1. Under the EC funding and opportunities web portal you can search for partners and also indicate your topic preference and expertise. Additionally, in the web portal under each topic, there is a section entitled “Get Support”, where you can find links to your National Contact Point or Enterprise Europe network and other services. The S2R JU does not provide additional services other than the organisation of info-days.</li> <li>2. Proposals are expected to address <u>all</u> work streams as indicated in the scope description of the topic S2R-OC-CCA-01-2020 in section 4.2.10 of the S2R Annual Work Plan 2020.</li> <li>3. Taking into account that the type of action for this topic is a “Research and Innovation Action” and that no exception is provided in this respect in the AWP 2020, the minimum number of participants is at least three legal entities. Each of the three must be established in a different EU Member State or H2020 associated country. All three legal entities must be independent from each other (Article 9 of the H2020 Rules for Participation). Therefore, it is not possible to make a proposal with only two partners.</li> <li>4. Please note that Switzerland is an Associated Country to H2020. Legal entities from associated countries can participate under the same conditions as legal entities from the Member States (Article 9b) of the</li> </ol>

		<p>H2020 Rules for Participation). For your information, please note that as from 1 January 2017 Switzerland is associated to the entire H2020. This means that for all H2020 projects for which the GA is signed as from 1 January, the Swiss participants are automatically eligible for funding and may count towards the minimum number or participants required for a project. Therefore the Swiss partner can participate and in eligible for funding. However, as indicated above under point 3 two partners are not sufficient for this type of action.</p>
<p>8.</p>	<p>We have a question related to topic S2R-OC-IP2-02-2020: The scope indicates a scheduling for the deliverables: M12 and M18. This seems to be not consistent with the duration of 30 months considered as appropriate by the S2R JU. Please could you clarify the required planning?</p>	<p>As indicated in the section “scope” of the topic description, the suggested scheduling is “<i>indicative</i>”, in the sense that it is provided to facilitate the complementarity with the CFM actions and it is not binding. Please also note that the consideration that the JU made that a duration of 30 months would allow the topic to be addressed properly does not mean that the project cannot perform this activity in a different timeframe, In particular, in this case, it could indeed also be shorter. It is up to the consortium to build up a proposal that can address properly the specific challenge, the scope and expected impact of this topic.</p>
<p>9.</p>	<p>We would like to explore the possibility to participate and submit to a specific Open Call published in your last Annual Work Plan and Budget Document of S2R. We are interested specifically in call S2R-OC-IP4-01-2020: Supporting the implementation of the IP4 ecosystem This Call deals with multi-modal journeys and providing a seamless passenger’s experience and is derived from a previous Software Project called COHESIVE. We do have several questions regarding this particular Call:</p> <ol style="list-style-type: none"> <li>1. The descriptive wording suggests that the project should cover at Five Different Operators of various transport types including long-distance; does this means that the bidding consortium should be comprised of at least five members as partners (which will be quite cumbersome for an OC)</li> <li>2. Perhaps even if the a.m. consortium would be composed of the minimum eligible number of <u>three</u> participants, from three countries, provided that they bring in pertinent data to substantiate the demo</li> </ol>	<p>Please find below the answers to your questions:</p> <ol style="list-style-type: none"> <li>1 As indicated in the S2R 2020 AWP, the standard eligibility conditions which apply to proposals are defined in Part C of the General Annexes to the H2020 Work Programme 2018-2020. In accordance with these conditions and taking into account that the type of action for this topic is an “Innovation Action” and that no exception is provided in this respect in the AWP 2020, the minimum number of participants is at least three legal entities, each of them must be established in a different EU Member State or H2020 associated country. All three legal entities must be independent from each other (Article 9 of the H2020 Rules for Participation). For your information, please also note the specific eligibility conditions for Open Calls for proposals. These calls are 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. The minimum eligibility condition of 3 legal entities established in three different member states is not linked to the fact that the call topic requires 5 operators to perform the activities. In fact, this is an operational requirement to achieve the objective of the topic that is to demonstrate the effectiveness of the Interoperability Framework through the participation of different operators.</li> <li>2 As explained above, for this specific topic, the required number of Operators refers to the participation in the demonstrations, providing the necessary data to perform it, and not to the minimum required number of participants for which point 1 above applies.</li> <li>3 Multimodal transport in the scope of this call refers to the use of different modes (or means) of transport on the same journey. As mentioned in section 1.3.4, it could include: urban</li> </ol>

	<p>from five operators</p> <p>3. How would you qualify a SW connectivity development via an advanced API linking several Rail Operators in different countries (for instance one e ticket North to South Europe ) to make a seamless journey ? Would such connectivity between several Rail Operators be qualified as Multi Modal under the terms of this Call</p> <p>4. Can you provide us specific contact details for a candidate to act as Project Coordinator for such task?</p>	<p>and regional rail, public transport including demand transport, air transport, road transport, cycling and walking, “shared services” - car sharing, bike sharing etc. Integrated e-ticketing and interoperability between different operators are also main objectives of the multimodal IP4. This solution could be considered as multimodal as long as it is integrated with other modes of transport, which would allow travellers to perform a seamless travel across Europe, including first and last mile.</p> <p>4 To find partners you can use the Partner Search function of the Funding &amp; Tenders Portal: <a href="https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/partner-search">https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/how-to-participate/partner-search</a>. The function allows to:</p> <ul style="list-style-type: none"> <li>• look for organisations which received funding in the past</li> <li>• create and check partner search requests by call/topic</li> </ul> <p>You can search by keyword/geographical area/funding type, etc. to find experienced partners who are already participating in ongoing projects. Search results include complete organisation profiles with lists of funded projects and the possibility to contact representatives.</p> <p>If you have selected your area of interest via the Topic search, you may publish your offer/interest for one or more of the open/forthcoming topics of a call on the Funding &amp; Tenders Portal. All your published offers/interests will be visible on your organisation's page too.</p> <p>Moreover, current participants of the ongoing open calls can be found on the S2R JU website under the description of each IP4 project. This could also be used as a source of information for potential partners of a Consortium.</p>
<p>10.</p>	<p>We have one more question about topic S2R-OC-IP4-01-2020: “Supporting the implementation of the IP4 ecosystem” that is highly tied to the ongoing COHESIVE project and is aimed to demonstrate its applicability for multi modal travel services; How does one (i.e. a potential <u>outsider contender</u> ) get access to a full material of COHESIVE ? From a quick glance in the few documents that were published and enclosed in your web site about this preceding project it is not so feasible to grasp the real operative content and use it properly to make a compliant and effective bid .We shall follow up on publication in your web site.</p>	<p>Updated information about COHESIVE and the Interoperability Framework have been uploaded to the S2R JU website:</p> <p><a href="https://shift2rail.org/research-development/ip4/">https://shift2rail.org/research-development/ip4/</a></p> <p>Moreover, public information regarding the project COHESIVE can be found in the S2R mini-web site:</p> <p><a href="https://projects.shift2rail.org/s2r_ip4_n.aspx?p=COHESIVE">https://projects.shift2rail.org/s2r_ip4_n.aspx?p=COHESIVE</a></p> <p>Any additional questions and information regarding COHESIVE or the IP4 Programme can be addressed to <a href="mailto:info-call@s2r.europa.eu">info-call@s2r.europa.eu</a></p>
<p>11.</p>	<p>Please find below my question: In many of the topics, the months of submission of the deliverables are</p>	<p>We confirm that the reference to a duration of 30 months in the topics description of the H2020-S2R JU-2020 call for proposals <i>is not legally</i></p>

	<p>provided, giving normally the month for the last deliverable an idea of the estimated duration of the project. In addition to that, S2R states: <i>"The S2R Joint Undertaking considers that proposals with a duration of 30 months would allow this topic to be addressed appropriately. Nevertheless this does not preclude submission and selection of proposals with another duration."</i></p> <p>I understand that it is a decision of the applicant to decide the duration but I would like to ask if the duration of 30 months refers to a technical criteria or it is more related to an administrative framework of S2R?</p>	<p><i>binding</i> and therefore applicants can decide on a different duration. The indicative timeframe of the expected submission for some deliverable is linked to the efficient technical implementation of the complementarity with the CFM actions, while the consideration that a duration of 30 months would allow the topic to be addressed appropriately is made by the JU in frame of achieving its overall Programme completion in a timely manner.</p>
<p>12.</p>	<p>I have a question about the new Shift2Rail calls: we are a constituent entity of a S2R JU associated member in the form of a consortium and we would like to know if it is possible to answer to new calls.</p> <p>Is there a limited budget per entity in the whole programme? Indeed, there is particularly a high interest for S2R-CFM-IPX-01-2020</p>	<p>As S2R Member you are eligible to submit a proposal to all the CFM topics.</p>
<p>13.</p>	<p>I am enquiring on behalf of an academic. He is researching technology that can remotely map tunnels and identify damage to them however I'm unsure if this is within the call remit.</p> <p>It might fit into --&gt; <a href="#">S2R-CFM-IP1-01-2020</a> demonstrators for the next generation of traction systems, smart maintenance, virtual validation and eco-friendly heating, ventilation, and air conditioning, and technical research on battery and hydrogen powered regional trains.</p> <p>If you could offer any advice it would be greatly appreciated.</p>	<p>According to the eligibility criteria listed in the S2R AWP 2020 (section 2.3.4 Standard eligibility conditions), only S2R 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 2020.</p> <p>In line with the distinction between different types of calls for proposals, presented in Sections 2.2.5 and 2.2.6 of the AWP, the JU distinguishes 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</li> </ul>

		<p>consortia or groupings.</p> <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 the H2020 Rules of Participation and of the H2020 Grant Agreement 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>As regards the content, it is up to the S2R JU Member applicants to this call topic to set up a consortium composition and a project proposal which appropriately addresses the specific challenge, scope and expected impact of this topic.</p>
<p>14.</p>	<p>We would like to participate in the call: Formulation of the freight train of the future, ID: S2R-CFM-IP5-01-2020 and we would like to define a new type of effective rail freight transport. However, we are not members of Shift2Rail JU. Can we take a part in this call yet?</p>	<p>Please refer above to the answer provided under question n°13.</p>
<p>15.</p>	<p>We would like to know how to find partners for a Consortium to apply for the IP4 Open Call.</p>	<p>Please refer to the answer provided for question n° 9, sub-question n°4.</p>
<p>16.</p>	<p>We would like to know what is the situation regarding the next calls and "Brexit"? Can a UK research organization or industry be partner or lead a proposal?</p>	<p>Please note the "General notice for UK applicants" published in the Funding and Tenders Portal, accessible through the following link (call page of the S2R call for proposals 2020):</p> <p><a href="https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=s2r;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=null;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=H2020-S2RJU-2020;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState">https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-search;freeTextSearchKeyword=s2r;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=null;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=H2020-S2RJU-2020;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState</a></p> <p>Based on this notice, a UK based entity can participate in the next S2R H2020 calls for proposals both as beneficiary and as Coordinator of a proposal.</p>

<p>17.</p>	<p>I have a question regarding the ongoing matter of Brexit.</p> <p>The Call for Proposals text states: "As regards the uncertainties related to Brexit negotiations, the S2R JU monitors the situation in accordance with the instructions issued by the competent Commission services."</p> <p>What are the current thoughts of S2R as the UK has now left the EU.</p> <p>More concretely, is there now any new restrictions to a company/institution from the UK to being consortium leaders?</p> <p>We are at the final stages of building our consortium and as such a prompt response to this question would be appreciated.</p>	<p>Please refer to the answer provided under question n° 16.</p>
<p>18.</p>	<p>Regarding S2R EU Grants for Multimodal, I have found the implementation of the IP4 multimodal transport ecosystem (iTD4.7) ID:S2R-OC-IP4-01-2020 but I cannot see anything that advises funding or an amount. Can you advise where this data might be?</p> <p>Could you also highlight any other areas that relate to Multi Modal other than 4.2.9. S2R-OC-IP4-01-2020?</p>	<p>Please note that the amount of budget per topic is published in the Funding &amp; Tenders Portal, within the topic description (see "budget overview" on the top right side of the screen). Information on the budget is also available in the S2R AWP 2020 under section 2.2.5 for calls for proposals for S2R JU members only and under section 2.2.6 for open calls for proposals for non-JU members.</p> <p>Regarding topic S2R-OC-IP4-01-2020, please note that the indicative maximum S2R co-funding is EUR 2,000,000 and the indicative total value of the actions is EUR 2,857,143. The difference between the above amounts corresponds to the theoretical non-funded activities in case this Innovation Action is funded at maximum 70% of the total eligible costs for all partners of the consortium.</p> <p>Regarding your second question, please note that in the call, there are two topics that deal with multimodal transport, the first one is a Topic open to the S2R JU Members and their Affiliated entity (and subcontractors/Linked third parties accordingly to the rules for participation of H2020), the second one is open of all non-S2R JU Members and affiliated entities":</p> <ul style="list-style-type: none"> <li>- "S2R-CFM-IP4-01-2020: Enhanced end-user centric travel ecosystem" : topic included in the call for proposals for S2R JU Members only and</li> <li>- "S2R-OC-IP4-01-2020: Supporting the implementation of the IP4 multimodal transport ecosystem": topic included in the call for proposals for non-S2R JU members, addressing the broader research and innovation community</li> </ul>

<p>19.</p>	<p>We would like to enquire about the topic S2R-OC-IP3-03-2020: Advanced tools and equipment: collaborative robots &amp; wearable mobile machines (TD3.8).</p> <p>In particular, we have the following question:</p> <p>The topic S2R-OC-IP3-03-2020 describes two work streams with specific expected impacts. Could you please confirm whether proposals should address both the work streams or can focus on ONLY one of the two?</p>	<p>This issue has been clarified through an editorial correction in the 2020 AWP, specifying that, in order to address the challenges identified in this topic, proposals should address all the work streams, in line with the S2R MAAP". So we confirm that both work-streams should be addressed.</p>
<p>20.</p>	<p>We would like to enquire about the topic S2R-OC-IP3-03-2020: Advanced tools and equipment: collaborative robots &amp; wearable mobile machines (TD3.8). In particular, we have the following question:</p> <p>The Complementarity section of the topic S2R-OC-IP3-03-2020 mentions S2R-CFM-IP3-01-2019: Intelligent asset management finalisation as a complementary topic. However, the Scope section states that "Proposals should complement the IAMS development, and activities within the S2R JU programme, especially within the S2R-CFM-IP3-01-2020". Does this mean that the complementarity should be with both S2R-CFM-IP3-01-2019: Intelligent asset management finalisation and S2R-CFM-IP3-01-2020 Research into optimised and future railway infrastructure? The description of the latter topic seems not to mention any complementarity with S2R-OC-IP3-03-2020 in particular or with TD3.8 in general.</p>	<p>Please note that in the scope section, the statement underlining that "<i>Proposals should be complementing the IAMS development, and activities within the S2R JU programme, especially within the S2R-CFM-IP3-01-2020</i>" is meant as a reminder that S2R-OC-IP3-03-2020 is integrated in the full IP3 programme, as it is always beneficial for applicants to be informed about current and future research activities. In terms of complementarity, it is only required to ensure complementarity with topic S2R-CFM-IP3-01-2019: <i>Intelligent asset management finalisation</i>, which is currently performing R&amp;I activities in the scope of TD3.8.</p>
<p>21.</p>	<p>I have 2 questions regarding the call S2R-OC-IP3-03-2020 :</p> <ul style="list-style-type: none"> <li>- 2 work streams are mentioned in this call. Should the proposal address the 2 work streams or is it</li> </ul>	<ul style="list-style-type: none"> <li>- Please refer to the answer provided under question n° 19</li> <li>- The maximum indicative S2R co-funding for topic S2R-OC-IP3-03-2020 is EUR 2,700,000. Please refer above to the answer provided under question n°18 which explains where you can find information on the budget.</li> </ul>

	<p>possible to work only on one of the 2 streams?</p> <ul style="list-style-type: none"> <li>- If I found the right info, the funding is 1,7 M€. The documentation does not precise the number of selected proposals. Only one?</li> </ul>	<p>Regarding the number of selected proposals per topic, please note that, in principle, the S2R total annual budget available allows for retaining for funding one proposal per topic only, unless explicitly mentioned otherwise. The possibility of financing more than one proposal per topic may result from additional budget made available in cases such as, e.g. 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>
<p>22.</p>	<p>We have one question to the current call:</p> <p>The SPECIFIC CHALLENGE of call S2R-OC-CCA-01-2020 asks for the development of a programme (prediction tool) in Work Stream 1, that is “commercially distributed and supported after the completion of the project”. Using the European Union’s current definition, this would correspond to TRL 9. However, the SCOPE of the very same Work Stream expects “to reach TRL 5 by the end of the project” and the budget table (p.28) even gives an expected TRL of 3/4. A similar conflict occurs for Work Steam 2. Which TRL is thus actually expected from potential projects for either Work Stream?</p>	<p>Please note that the TRL for the call S2R-OC-CCA-01-2020 shall follow the requirements described in Annex II, point 4.2.10 of the AWP2020. This means that the action is expected to reach TRL 5 by the end of the action. Please note that the editorial error in the table in section 2.2.5 has been corrected and the updated version of the AWP refers to TRL 5 in the cell related to “Type of action and expected TRL”. This section of the specific challenge has not been perfectly formulated and it should be interpreted as for the work-stream 2 in light of the exploitation plan which should foresee further developments for the future commercial use.</p>
<p>23.</p>	<p>As a constituent entity of a consortium, Associated Member of the S2R JU we would like to clarify the following (given that we did not, unfortunately, find an exact answer from the “Annex I of the 2020 Annual Work Plan (2020 Call for proposals for the JU members)” nor from the updated FAQs):</p> <p>For Open Calls: Can a S2R Member entity participate in a non-members’ project (i.e. project financed under Open Calls) via being subcontracted?</p> <p>From the FAQs and information material available, we found indications for the contrary case (i.e. that a Non-Member can participate</p>	<p>The S2R JU Annual Work Plan and Budget for 2020 contains the information on specific eligibility criteria for S2R Calls in its section 2.3.4. The S2R-specific eligibility criteria for open competitive calls for proposals only apply to <i>beneficiaries</i> of a Grant. Subcontractors are third parties in the Grant Agreement and not considered to be parties in the Grant Agreement. As such, Members of the S2R JU (founding or associated), constituent entities of Members in the form of consortia or groupings, affiliated entities either to the S2R JU Members or to the constituent entities of Members in the form of consortia or groupings can be subcontractors, which indirectly participate in the Grant through a contract with the beneficiary of the Grant to work on certain tasks.</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:</p> <p><a href="http://ec.europa.eu/research/participants/data/ref/h2020/grants_nual/amga/h2020-amga_en.pdf">http://ec.europa.eu/research/participants/data/ref/h2020/grants_nual/amga/h2020-amga_en.pdf</a></p>

	<p>in a Call for Members through being subcontracted for some tasks), but to the question above unfortunately no.</p>	
24.	<p>In the call S2R-OC-IP1-03-2020 “Innovative technologies for Carbodies and Running Gear of the future”, will there be a topic manager, in the form of a composite panel supplier, if so could you please enquire about the size of these panels, as this would affect the funding required, this information is required for our calculations. Also will there be a rubber supplier to the rail industry available, or should we seek to enlist one as a consortium member?</p>	<p>As the first work stream of the call text is focusing on inspection technologies and equipment for inspections rather than production of composite panel, the requested information was not referred to in the call text. Nevertheless, as mentioned in the call text, the proposal is to complement the carbody developments and activities within the S2R JU programme, especially within the S2R-CFM-IP1-01-2019. Public results of ongoing work on TD1.3 is available on the S2R website (TD view: <a href="https://projects.shift2rail.org/s2r_matrixtd.aspx">https://projects.shift2rail.org/s2r_matrixtd.aspx</a>).</p> <p>Regarding the enquiry on a rubber supplier, the topic text does not indicate that the S2R Members will provide such activity.</p>
25.	<p>I am interested in participating to S2R-OC-IP3-03-2020: Advanced tools and equipment: collaborative robots &amp; wearable mobile machines (TD3.8).</p> <p>Does the entire funding come from the EU or do National Governments also co-fund partly as it happens in other JTUs such as ECSEL? Related to this, justification is only against the EU or both EU and the National authorities?</p> <p>The information provided in the MAAP and Budget document is very generic. Is this explained somewhere else? Could you please pass me the pointer?</p>	<p>Thank you for your question concerning the source of funding for the grants to be signed following the calls for proposals S2R-OC-IP3-03-2020.</p> <p>We would like to confirm that they are funded by Shift2Rail Joint Undertaking (S2R JU). The grants are based on a grant agreement that the prospective beneficiaries (as a consortium) sign with S2R JU. Consequently, the proposal should be submitted with S2R JU in line with instructions you will find in the call text.</p> <p>For completeness, we would like to add that the specific ECSEL JU model (which you mentioned in your question) is different: the JU grant would usually be complemented by a grant from national funding bodies, hence two proposals may be required. This model is not applied by S2R JU.</p>
26.	<p>Could you please provide me with the information about the success rate of your calls? I would like to know how many proposals were successful compared to the overall amount of proposals. Unfortunately, I am unable to find this information on your website.</p>	<p>You can find information about the total numbers of submitted proposals to the annual S2R calls for proposals, and the list of actions selected for funding, in the Decisions of the S2R Governing Board, approving the ranked lists of actions selected for funding, reserve lists and the list of rejected proposals under the S2R JU calls for proposals. These Decisions are published on the S2R website following the completion of the evaluation of the proposals submitted to a call and are accessible through the following link (under section “Decisions approved by the Governing Board”):</p>

		<p><a href="https://shift2rail.org/about-shift2rail/structure-of-shift2rail-initiative/governing-board-2/">https://shift2rail.org/about-shift2rail/structure-of-shift2rail-initiative/governing-board-2/</a></p> <p>You could also consult the information published with our Annual Activity Reports available here:</p> <p><a href="https://shift2rail.org/about-shift2rail/reference-documents/annual-activity-report-2/">https://shift2rail.org/about-shift2rail/reference-documents/annual-activity-report-2/</a></p> <p>and refer to the chapters 1.5 on Evaluation global outcome as well as our KPIs table in AnnexC, table III or the same documents.</p> <p>In addition, relevant information can be found in the Funding and Tenders Portal, within the topic description of the calls for proposals, under the section “call updates” of the menu on the left side of the screen.</p> <p>For information, please note that all S2R calls for proposals are published at :<a href="https://shift2rail.org/participate/call-for-proposals/">https://shift2rail.org/participate/call-for-proposals/</a>).</p>
<p>27.</p>	<p>I am interested in responding to the S2R-OC-IPX-01-2020 “Innovation in guided transport”. In order to participate and actively contribute in Europe we need a European entity. I was wondering if there are any additional requirements that we need to meet in order to participate or if you could refer me to the appropriate documents which highlight this?</p>	<p>As indicated in the S2R 2020 AWP, the standard eligibility conditions that apply to proposals are defined in Part C of the General Annexes to the H2020 Work Programme 2018-2020. For S2R-OC-IPX-01-2020 “Innovation in guided transport” the type of action is a Coordination and Support Action (CSA) and for this type of action the minimum condition shall be the participation of one legal entity established in an EU Member State or Horizon 2020 associated country. In addition, the S2R specific eligibility conditions for Open Calls for proposals, as defined in the S2R AWP 2020, must be respected, namely that Open Calls are 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.</p> <p>Please note that all information related to this topic is available in the Funding and Tenders portal at the following link:</p> <p><a href="https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/s2r-oc-ipx-01-2020;freeTextSearchKeyword=s2r;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=null;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=H2020-S2RJU-2020;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState">https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/s2r-oc-ipx-01-2020;freeTextSearchKeyword=s2r;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=null;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=H2020-S2RJU-2020;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState</a></p>
<p>28.</p>	<p>We are building a consortium for presenting a proposal for the call OC-IP1-03-2020. In the text of this call (p.102 AWP 2020), the D4.1 (Reference Scenarios) of the project IMPACT-1 is mentioned as reference</p>	<p>The document, D4.1”Reference scenarios” can be found under the project website. Please find the link below:</p> <p><a href="https://projects.shift2rail.org/s2r_ipcc_n.aspx?p=IMPACT-1">https://projects.shift2rail.org/s2r_ipcc_n.aspx?p=IMPACT-1</a></p>

	<p>to prepare the proposal regarding bearing specifications and requirements. However, I have not been capable of finding it within the publications listed in the S2R web. Is this deliverable publicly available?</p>	
<p>29.</p>	<p>We have a question regarding S2R EU Grants for Multimodal 4.2.9 S2R-OC-IP4-01-2020. We (some EU wide businesses) have not been able to find the grant funding amount for this call. Can you assist?</p>	<p>Please refer to the answer provided under question n° 18.</p>
<p>30.</p>	<p>I am reaching out to inquire about the call for 'Validation of new technologies for the TCMS'. We have developed a solution for artificial intelligence powered bridge inspections.</p> <p>At this point in time I only see applicability to the 4.1.4 S2R-CFM-IP3-01-2020: Research into optimised and future railway infrastructure. Would we be able to apply and offer ourselves for subcontracting for the tender? if so, how best do I do this?</p>	<p>We understand that your enquiry refers to S2R-CFM-IP3-01-2020: "Research into optimised and future railway infrastructure".</p> <p>According to the eligibility criteria listed in the S2R Annual Work Plan 2020 (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 2020. In the case of S2R JU 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 also eligible to participate in the restricted calls for JU Members.</p> <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>However, a non-JU member has the possibility to indirectly participate in CFM, if linked with a participating member/beneficiary in the consortium, as subcontractor. However, please note that subcontractors are not part of the consortium but participate indirectly in the action by carrying out action tasks <i>for the beneficiary</i>. Therefore, subcontractors do not sign the GA and have no contractual link with the S2R JU but only with the beneficiary. It is the decision of the beneficiary to award subcontracts, if necessary to implement the action and covering only limited parts of the action. In this case, the provisions of the H2020 MGA for subcontracting should be complied with, including the rules on best value for money and absence of conflict of interest in the award of subcontracts.</p> <p>Taking into account the above, you may wish to contact the S2R JU Members who are potential applicants to the above-mentioned topic.</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>If you are a non-JU member, we encourage you also to look to our topic labelled as Open Call "OC", you can check, for example, if your expertise would fit under the topic "S2R-OC-IP3-03-2020: Advanced</p>

		<p><i>tools and equipment: collaborative robots &amp; wearable mobile machines (TD3.8)”</i></p>
31.	<p>I am inquiring as to the potential for entry to the Validation of new technologies for the TCMS call. We have developed Artificial Intelligence-powered bridge inspection and asset management tooling, which is likely to complement to the '4.1.4 S2R-CFM-IP3-01-2020: Research into optimized and future railway infrastructure' section of the call.</p> <p>Ultimately, do we need to address all work-streams listed under section: 1, 2, &amp; 3 of the call?</p>	<p>Please refer to the answer provided under question 30 above.</p> <p>Please note that, as specified in the text of topic S2R-CFM-IP3-01-2020, in order to address the challenges described in this topic, proposals should address all the work streams, in line with the S2R MAAP.</p>
32.	<p>May any institution coordinate or participate in a SHIFT2RAIL call for proposals or does it have to be a member?</p>	<p>Please refer to the answer provided under question 2 above.</p>
33.	<p>We are a company that is increasing safety of trams by teaching them to drive autonomously.</p> <p>We are interested in Shift2Rail, but would like more information on how these calls, tenders and pilots are setup. And I would like to know if we qualify for Shift2Rail projects.</p>	<p>Please note that the S2R AWP's define the Research and Innovation activities that will be implemented through call(s) for proposals and/or call(s) for tenders. You can find information on the S2R AWP 2020 at the S2R website: <a href="https://shift2rail.org/about-shift2rail/reference-documents/annual-work-plan-and-budget/">https://shift2rail.org/about-shift2rail/reference-documents/annual-work-plan-and-budget/</a></p> <p>In addition, please note that the S2R 2020 call for proposals is currently published in the S2R website. You can find all information related to this call through the link below (please note that the deadline for submission of proposals is 21 April 2020) and you can check if one of the topics proposed would fit your competences and ideas of R&amp;I:</p> <p><a href="https://shift2rail.org/participate/call-for-proposals/">https://shift2rail.org/participate/call-for-proposals/</a></p> <p>For information on the S2R specific eligibility criteria and regarding your question whether your company qualifies for S2R calls for proposals, please refer to the answer provided under question 2 above on the S2R specific eligibility criteria.</p>
34.	<p>We have the following questions on topic S2R-OC-IP1-03-2020:</p> <p>1) Please would you confirm whether a consortium</p>	<p>Please find below the answer to your first question:</p> <p>The proposal will complement the carbody developments and activities within the S2R JU programme, especially within the S2R-CFM-IP1-01-2019. As indicated in the section “scope”, the work-</p>

	<p>should include partners who can provide the composite/hybrid materials for the carbodies? Or whether these are defined for/supplied to the project if successful?"</p> <p>2) Please would you confirm whether a consortium should include partners who can provide elastomer components and tooling? Or whether these are defined for/supplied to the project if successful?"</p> <p>3) Please would you confirm whether a consortium should include partners who can provide journal bearing assemblies? Or whether these are defined for/supplied to the project if successful?"</p>	<p>stream on carbody would have certain tasks to be addressed including the development of the equipment at prototype level to apply the new inspection methods developed. No composite/hybrid material are requested on S2R-OC-IP1-03-2020, the definition of the materials as well as the carbodies to be inspected in this specific case with the new inspection methods will therefore be provided by the complementary CFM project.</p> <p>Please find below the answer to your second and third questions:</p> <p>The proposal would approach new technological solutions for running gear that would ensure sufficient durability to operate along the vehicle design life. The new developments and approaches coming out from the investigations carried out in the proposal would have an expected impact in terms of increase of lifetime or simplification of maintenance, as well as cost saving compared to current solutions by developing a new technology up to TRL 3/4.</p> <p>Regarding the enquiry on partners providing these components, it is up to the consortium to build up a proposal that can properly address the specific challenges, the scope and expected impact of this topic with the partners who would better fit that purpose.</p>
<p>35.</p>	<p>Regarding S2R-OC-IP1-03-2020, would you confirm whether a consortium should include partners who can provide the composite/hybrid materials for the carbodies? Or whether these are defined/supplied to the project if successful?</p>	<p>Please refer to the answer provided under question 34 above (see the reply to the first question).</p>