

FLOATING WIND JOINT INDUSTRY PROGRAMME S3P4

Clarification Question Responses

Synthetic Ropes Sustainability (SRS) Project

August 2026



#	Type	Question	Response
1	Project Specific	Does the scope only include semisubmersible floaters with steel chains or does it also include TLP with steel tendons?	This should be considered by the contractor, subject to budget and timeline constraints. As a minimum baseline, the study should assess a representative semisubmersible floater using synthetic mooring lines, with comparison against a conventional steel chain mooring design. The contractor may also consider other floater and mooring configurations, such as TLPs with steel tendons, where this can
2	Project Specific	Will two equivalent (steel-based and synthetic based) mooring system designs be provided for comparison purposes, or is the contractor expected to define them?	The contractor is expected to define the representative mooring system designs as part of the assessment scope and assumptions, rather than being provided with two fully specified equivalent designs. WP1 requires the contractor to agree representative rope types, materials and use-case scenarios, and to define the LCA framework, system boundaries, functional unit and key assumptions.
3	Project Specific	Will a reference mooring system be provided (for Floating Wind JIP 15MW) or should this be defined in WP1?	Carbon Trust has a set of standard reference mooring system designs for the Floating Wind JIP 15 MW reference case; see the reference designs overview. These should be used as the basis for comparison. However, more detail may be required.
4	Project Specific	In the description of work for WP1, it is stated that the contractor should define the representative rope types/materials and coatings/additives (in addition to other parameters) to be applied across the study. Please could the Carbon Trust and/or the FWJIP partners comment on the expected level of detail for material definitions considering potential IP and confidentiality restrictions.	Carbon Trust and the FWJIP partners recognise that detailed material formulations, coating chemistries and additive packages may be commercially sensitive and subject to IP or confidentiality restrictions. The expected level of detail should therefore be sufficient to support a robust environmental screening and LCA, but not require disclosure of proprietary formulations.

5	Project Specific	As the tender proposal has been published in the middle of summer holidays for several European countries, could you postpone the deadline for tender submission until the 27 th of August 2026 to ensure the review of some experts of this thematic?	We have extended the submission date to Friday the 28th of August
6	Project Specific	Can synthetic ropes manufacturers be integrated to the consortium or is there a conflict of interest in adding them?	Synthetic rope manufacturers may be engaged as part of the consortium or as technical contributors, provided appropriate conflict of interest, confidentiality and transparency arrangements are in place. The scope already anticipates collaboration with rope manufacturers, fibre/material specialists, coatings/additives suppliers, developers/operators, classification societies and recyclers to validate current practice, emerging requirements and key data gaps.
7	Project Specific	Can you clarify what are the input expected to fill the Floating Wind JIP cost model? It seems that the output of this project will be exclusively focused on sustainability assessment and that no cost data will be produced at the end of the project	If figures such as cost, material quantities or manufacturing assumptions are provided, these should be limited to information that can be shared on a non-confidential basis, or presented in an aggregated/anonymised form where needed. The contractor is not expected to disclose or request commercially sensitive supplier data, proprietary formulations, or confidential project-specific cost information.

8	Generic	Could you provide some templates of the deliverables expected in WPA for the progress management reporting (monthly reports, project closeout form, JIP cost model)?	Carbon Trust can provide templates for the standard WPA project management deliverables, where available. This is expected to include the monthly flash report template, the project closeout / executive summary template, and any required format for providing inputs to the Floating Wind JIP Cost Model.
9	Project Specific	Degradation and environmental release evaluation At which level should rope degradation, microplastic release and environmental exposure be assessed: through quantitative modelling, or qualitative or semi-quantitative assessment supported by data-gap analysis and recommendations for future modelling?	The expectation is that this work is primarily a qualitative or semi-quantitative assessment , supported by a clear evidence review, data-gap analysis and recommendations for future modelling or testing where required.
10	Project Specific	Comparison with steel-based moorings Should the comparison be conducted at component level or full mooring-system level, considering differences in configuration, anchors, ancillaries and installation requirements? Should new modelling be undertaken, or may suitable published data be used?	As a minimum, the contractor should compare the key material and life-cycle hotspots associated with the reference mooring configurations, including material production, manufacturing, handling/installation implications, degradation or replacement assumptions, and end-of-life routes.
10	Project Specific	Scope of alternative materials assessment To what extent should the assessment cover alternative material options (early-stage and commercially available), given the likely differences in data quality and availability for quantitative assessment?	The assessment should cover both commercially available and relevant early-stage alternative material options, but the depth of assessment should reflect the maturity of the technology and the availability of robust data. For early-stage or emerging alternatives, the assessment may be more qualitative and should focus on feasibility, potential benefits

			and risks, technology readiness, data availability, key uncertainties, and the evidence required to support future quantitative assessment.
11	Project Specific	Scope of alternative materials assessment To what extent should the assessment cover alternative material options (early-stage and commercially available), given the likely differences in data quality and availability for quantitative assessment?	The assessment should cover both commercially available and relevant early-stage alternative material options, but the depth of assessment should reflect the maturity of the technology and the availability of robust data. For early-stage or emerging alternatives, the assessment may be more qualitative and should focus on feasibility, potential benefits and risks, technology readiness, data availability, key uncertainties, and the evidence required to support future quantitative assessment.
12	Project Specific	Modelling data inventory and confidentiality Is the Contractor expected to provide a full inventory of the data and assumptions used in the LCA modelling or environmental assessment? If so, how should commercially sensitive manufacturer data be treated in project deliverables and reporting?	Yes, the contractor is expected to provide a clear inventory of the data sources, assumptions and modelling inputs used for the LCA framework and environmental assessment. This should be sufficient to allow Carbon Trust and FWJIP partners to understand the basis of the assessment, review key assumptions, and identify any major uncertainties or data gaps.
13	Project Specific	Stakeholder engagement At proposal stage, it is required to identify the proposed stakeholders by name, role and anticipated level of engagement, or	At proposal stage, a high-level stakeholder engagement plan is sufficient. This should outline the intended stakeholder profiles, rationale for engagement, expected topics of discussion, and anticipated level of engagement across the project.

	is a high-level stakeholder engagement plan, outlining the intended profiles and approach, sufficient?	Contractors do not need to have all stakeholders confirmed by name at proposal stage, particularly where participation depends on availability, confidentiality constraints
14	Project Specific Stakeholder engagement: Could you please clarify whether the Participant is expected to identify and provide an initial mapping of relevant value chain actors, technology providers, and material suppliers already at the proposal stage, or whether this activity is envisaged to be undertaken during project implementation?	At proposal stage, the Participant is expected to provide a high-level stakeholder engagement plan and, where possible, an initial mapping of relevant stakeholder categories. This should cover the intended profiles to be engaged, such as synthetic rope manufacturers, fibre and material suppliers, coatings/additives providers, developers/operators, classification societies, recyclers and relevant environmental or technical experts.
15	 Future performance and predictive modelling: Could you please clarify the expected level of detail for the assessment of future material and component performance during the use phase? In particular, would an assessment based on available literature, existing evidence, and expert judgement be considered sufficient, or is the development of dedicated modelling approaches expected as part of the project activities?	 The assessment should be based on available literature, existing evidence, supplier/industry input where available, and expert judgement. Dedicated predictive modelling is not expected as a core project activity. The contractor should assess likely degradation mechanisms, use-phase exposure conditions and implications for inspection, maintenance, replacement and end-of-life assumptions. Any uncertainties, data gaps and future modelling or testing needs should be clearly identified. If limited modelling is proposed, it should be clearly justified as proportionate to the project budget, timeline and objectives.

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