

OFFSHORE WIND ACCELERATOR S4Y4

Clarification Question Responses

TWG- Y – Wind Data for Non-Validated Areas

Date: 17th April 2024



#	Type	Question	Response
1	Project specific	What are the specific areas to act on?	If you mean the specific site locations, we cannot disclose this. However, all of the sites are locations around the world with emerging offshore wind industries.
2	Project specific	Is Carbon Trust expecting us to provide info from our models?	The intent is to source VMM / mesoscale model data separately. However if you have data that you wish to contribute, you are welcome to do so as long as you can demonstrate that it is generated "blind", i.e. without referring to the measured data
3	Project specific	What is expected in the Final Report (i.e. data, full analysis, etc.)?	As per WP3 in the Scope of Work, i.e.: anonymised comparisons between measured and modelled data; uncertainty assessment (inc. sensitivity studies); recommendations on the applicability of different data sources and the uncertainties that should be applied to them; and, recommendations for future work which could reduce these uncertainties.
4	Project specific	Is the main goal for this project just for data analysis?	Yes
5	Project specific	Is Carbon Trust & OWA interested in additional modelling for some specific areas?	We're happy to consider it if it would add significant value to the project and the applicability to future commercial projects is clear.
6	Project specific	Who owns the IP from this research?	See the Contractors Conditions, Section 39. We do not expect novel modelling methods to be developed on this project.

7	Project specific	Are we restricted with regards to commercial gain from this project?	See the Contractors Conditions, Section 39
8	Project specific	Will we be expected to share any findings / new methods freely in public domain?	No, unless the OWA Partners decide to make certain findings public.
9	Project specific	What happens (penalties?) if we don't achieve the aims within the budget?	See the Contractors Conditions
10	Project specific	<p>Work Packages WP1, Project deliverables D01 states 'Work with Carbon Trust to gain secure access to all measured data and proprietary modelled data'. However, in WP2, it says 'Before receiving any measured data from Partner...'. Will the measured data and associated information be provided in WP1 or WP2?</p> <p>Should the measured data be delivered in WP2, will information about the measurement campaigns (period, type, location, buoy etc) be provided without the measured data in WP1? Otherwise, it will be difficult to fulfil D01 'Technical note summarising the datasets that shall be used (LiDAR & buoy type, approximate location and measurement period...'.</p>	In practice, obtaining these data always takes some time. Assume that at least the information about the campaigns will be released in WP1 but some of the data may not be available before the end of that WP.
11	Project specific	Work Package WP1 states 'Work with Carbon Trust to gain secure access to all measured data and proprietary modelled data'. What is being meant by 'proprietary modelled data'? Is it referring to modelled data to be provided by Carbon Trust? Or proprietary data that is sourced by the awarded tenderer?	The intention is to work with the OWA Partners to source some data which is not in the public domain. If you are able to generate some such data, feel free to contribute it (see response 2 above). If you have good contacts that could enable us to source data from third parties that the OWA Partners may not be aware of, please suggest it. Otherwise, the data will be provided via Carbon Trust.

<p>12 Project specific</p>	<p>WP1 states 'Before receiving any measured data from Partners, extract time-series of the relevant reanalysis datasets. Run mesoscale models or purchase mesoscale data from a third party for the same period, documenting all of the parameterisations, mesh resolution and other settings used. '</p> <p>Similarly to the previous questions, will information about the measurement campaigns be shared (without the measured data itself)? Otherwise, it will not be possible to obtain mesoscale data that overlaps with the measured data.</p>	<p>See response to the previous question</p>
<p>13 Project specific</p>	<p>The 'Data Management and Confidentiality' document indicates that Carbon Trust will be providing VMM/mesoscale modelled data that is not publicly available by describing the role of 'Mesoscale Modellers/VMM Data Providers'. Simultaneously in 'Description of Tender 1', WP 1 states 'Identify and source the public-domain reanalysis data for the corresponding periods.'</p> <p>These statements seem to imply that Project bidder will be responsible for identifying and sourcing the publicly available modelled data available in each specific region while Carbon Trust will be providing the VMM/mesoscale modelled datasets which are not publicly available.</p> <p>Can this be confirmed/clarified?</p>	<p>See responses to the previous questions for context, but yes, this is broadly correct. We expect a collaborative approach with Carbon Trust whilst respecting the confidentiality of Partners data and that of third parties.</p>
<p>14 Project specific</p>	<p>This document is referring to 'Mesoscale Modellers/Vmm Data Providers'. Simultaneously in the 'Description of Tender 1' document clause 4.5 states that Project bidders may choose to go into consortium with other parties, however these will be</p>	<p>Bidders are welcome to form consortia, but in each case one party would be the lead and others would be subcontractors. In this case, the confidentiality conditions of the contract would need to be flowed down to the subcontractors, and the lead bidder would</p>

		<p>subcontractors of the Project Coordinator and Carbon Trust will only enter a Contract with the Project Coordinator.</p> <p>Should the Project bidder choose to form a consortium with a data providing entity (Modellers/VMM Data providers), do these classify as subcontractors? Because if so, would the said subcontractor still be required to sign the non-disclosure agreement described in 'Data Management and Confidentiality'?</p>	<p>be accountable for any breaches by their subcontractors. We are happy to discuss the practicalities of this prior to contract award.</p>
15	Project specific	What time period is the modelled data expected to cover?	It varies from site to site, but assume at least a year per site in most cases.
16	Project specific	What are the area sizes for the 20 sites?	The data are from floating LiDARs, so are essentially "point" measurements (on the scale of a mesoscale model)
17	Project specific	Will the LIDAR data have been cleaned in advance of being sent to the successful bidder?	Assume not. Cleaned data may be available for some sites, however we would prefer that this cleaning was done in a consistent fashion for all sites.

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Published in the UK: 2024