



# Awel y Môr Offshore Wind Farm

## Staging of Onshore Works Deadline 3

**Date: 23 November 2022**

**Revision: A**

Document Reference: 3.17

PINS Reference: N/A



REVISION	DATE	STATUS/ REASON FOR ISSUE	AUTHOR	CHECKED BY	APPROVED BY
A	Nov 2022	Deadline 3	RWE	RWE	RWE



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# 1 Introduction

## 1.1 Purpose of this document

- 1 This document has been drafted in response to points raised by Denbighshire County Council (DCC) in its Local Impact Report (LIR) (REP1-056) regarding the discharge of requirements related to the stages of the Awel y Môr Onshore Works. The document sets out an indicative approach to the grouping of Onshore Works into respective stages, as well as providing clarity on what Management Plans are required under relevant DCO Requirements.
- 2 The document aims to provide comfort to DCC that the staged approach to the approval of Management Plans, such as the Code of Construction Practice (REP1-051) and the underlying Management Plans (see Appendix A for a breakdown of those Plans) is necessary for the timely delivery of the Project, and through grouping of works into stages can be achieved in a way that limits the workload of DCC in providing those approvals (as compared to a separate discharge for every Work).
- 3 The DCO (Document 3.6 of the Applicant's Deadline 3 Submission), at Requirement 5, includes provision for the Applicant to stage the onshore works, subject to notifying DCC that the works will be staged and providing a staging plan, for approval, to DCC. The wording of R5 is:

### ***Stages of authorised development***

*(1) The onshore works may not be commenced until notification has been submitted to the relevant planning authority detailing whether the onshore works will be constructed:*

*(a) in a single stage; or*

*(b) in two or more stages.*

*(2) The onshore works may not be commenced until details of the stages of the onshore works have been submitted to and approved by the relevant planning authority.*

*(3) The construction of the onshore works must follow the details provided under sub-paragraph (2) of this requirement.*

## 2 Staging of onshore works

4 As set out in The Onshore Project Description (APP-062) the Onshore Works may take place over a 5 year period. Figure 2 of APP-062 (replicated in Figure 1 of this document) sets out an indicative construction timeline.

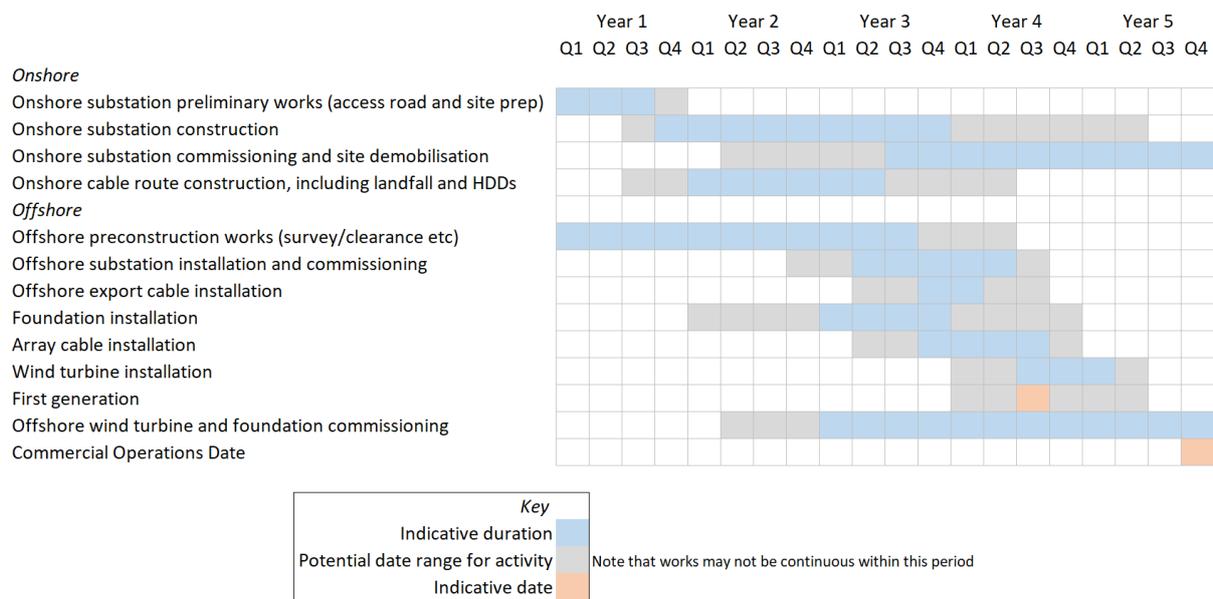


Figure 1: Indicative Construction timeline.

5 As set out in the indicative construction timeline there are likely to be different start dates for different aspects of the Onshore Works, separated by a number of months, and potentially in excess of a year. The longest timescales for activities relate to the onshore substation, with the indicative programme showing the substation preliminary works (such as the temporary construction access, site preparation and other associated works that do not include construction of the above ground infrastructure- see para 155 of APP-062 for a description of these works) starting well in advance of the potential start date for onshore cable route construction.

- 6 From the Applicant's experience of constructing other offshore wind farm onshore transmission systems it is expected that the detailed design for some of the later aspects of the works may still be occurring whilst some of the earlier works are underway. For instance the detailed design of the onshore cable route, including the specific design of watercourse crossings, and the specific mitigations that would need to be employed to control those works, may be finalised at the same time as the substation preliminary works are happening on the ground. It would therefore be inappropriate to have a single set of management plans to control all aspects of the onshore works before any works commence as the controls themselves may not be available or required for some time.
- 7 Based on the Applicant's experience it is highly likely that a number of different contractors will be brought in to deliver different aspects of the Onshore Works. The contracting strategy for the project is not yet set, but it is expected that different contractors will deliver the landfall works, the onshore cable route to the OnSS (potentially split between an enabling works contractor and an installation contractor), the OnSS preliminary works, the OnSS construction, the onshore cable route between the project substation and the National Grid substation (again potentially split between an enabling works contractor and an installation contractor), and the unlicensed works at the National Grid substation. It may be that for AyM some of those key contracts may be combined, or split out further. This will not be decided until post-consent when the construction contract tendering is undertaken.
- 8 Given the time-periods between the start of different onshore works, the different contractors that will undertake those works, the discrete nature of the works areas and different nature of those works, it is typical and proportionate for management plans, such as the CoCP, to be developed for each stage of works, rather than a single set for the project as a whole. All those plans will be developed in accordance with the outline plans, as set out in the respective DCO requirements, but will be tailored to the specific works being discharged. Appendix A sets out the relationship between the DCO Requirements and the plans that are secured by those Requirements (and where relevant the outline version of those plans that have been submitted to the examination).

- 9 Table 1 provides an indicative view on how the Applicant might group the Onshore Works into stages for discharge. This may change as the project's contracting strategy evolves and as detail designs are finalised, but provides an indication at the time of writing of how stages of the Onshore Works may be brought forward. Based on the indicative timeline for Onshore Works presented in Table 1 it is anticipated stages associated with the substation preliminary works (stages I and J) would be brought forward first, with discharge of stages associated with the substation construction (stage K), the landfall (stage A), the onshore cable route (stages O then B – H and L – M) and the Unlicensed Works at the National Grid substation to follow. Stage P would be subsequently discharged when required to support the Offshore Works. It is anticipated the Operational Accesses (stage Q) would be the final onshore stage to be discharged. Where Works (for example the temporary construction compounds) may be discharged in one or other stage they are included in both (or more) within Table 1 as the order in which stages will be discharge is not yet finalised.
- 10 It should be noted that the offshore works are not included within the table as these will be discharged separate to the Onshore Works through the Marine Licences. Cable route temporary mitigation areas have not been included in the table as they do not constitute Works, but would be brought forward with the relevant Stage of Works.

Table 1: Indicative Stages of Onshore Works.

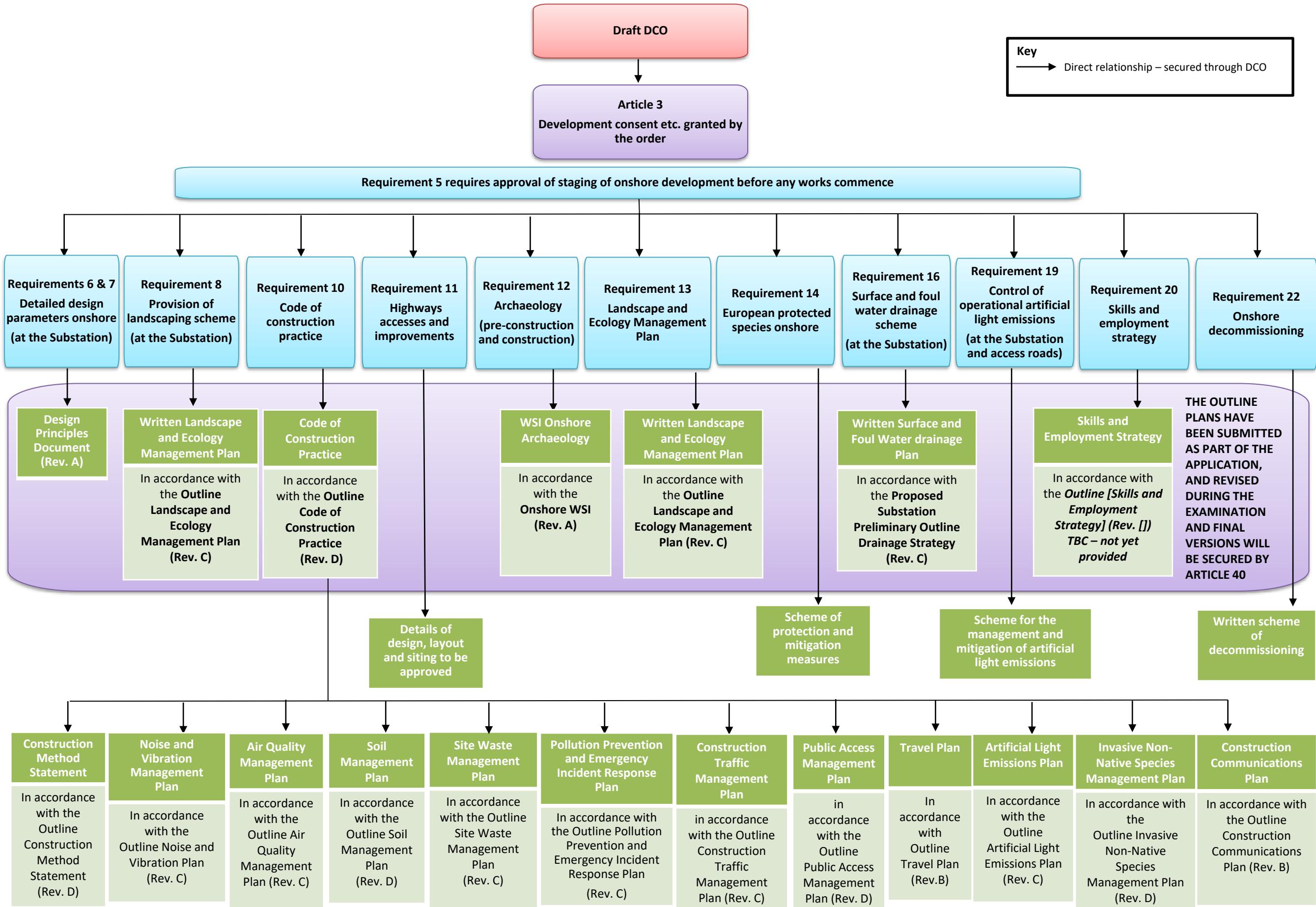
STAGE	INDICATIVE WORKS	INDICATIVE CONTRACTOR
A	3, 4, 5, 6, 6A, 7, 7A, 8, 8A	Landfall contractor
B	8, 8A, 9, 10, 10A	Onshore export cable route contractor
C	10, 10A, 11, 12, 13, 14, 14A	Onshore export cable route contractor

STAGE	INDICATIVE WORKS	INDICATIVE CONTRACTOR
D	15, 16, 16A, 17, 18	Onshore export cable route contractor
E	19, 20, 20A	Onshore export cable route contractor
F	20, 20A, 21, 22, 22A	Onshore export cable route contractor
G	22, 22A, 23, 24, 24, 25, 26, 26A	Onshore export cable route contractor
H	23, 27, 29, 30, 30A, 31	Onshore export cable route contractor
I	28, 29, 30, 30A, 32, 33, 34, 35	Substation preliminary works contractor
J	28, 29, 30, 30A, 31, 32, 33, 34, 35	Substation preliminary works contractor
K	28, 29, 30, 30A, 31, 31A, 32, 33, 34, 35	Main substation construction contractor
L	31, 32, 33, 34, 37, 37A	OnSS to National grid onshore export cable route contractor
M	33, 34, 36, 37, 37A, 38, 39, 39A, 40	OnSS to National grid onshore export cable route contractor
N	39, 39A, 40	Unlicensed works contractor

STAGE	INDICATIVE WORKS	INDICATIVE CONTRACTOR
O	10, 10A, 14, 14A, 16, 16A, 20, 20A, 22, 22A, 26, 26A, 37, 37A, 39, 39A	Preliminary works contractor for onshore export cable route and OnSS to National grid onshore cable route
P	3, 3A, 4, 5, 6, 6A, 7, 7A, 8, 8A	Offshore export cable installed
Q	41	Onshore export cable route contractor

# Appendix A – Relationship of plans secured by the DCO

# Relationship of plans secured by the DCO





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