

# Risk Register

## Guidance

This is an **mandatory** tab for a risk register.

Ref	Risk Description	Likelihood (Low/Medium/ High)
R1	Senior stakeholder collaboration needs to be maintained, from broad range of stakeholders including Welsh Government, ESO, DSO etc. Availability might be difficult across a relatively short programme	High
R2	Key project personnel leave their organisations and be difficult to replace.	Low
R3	Relatively short project timescale may make it difficult to make up for any delays that could occur.	Medium
R4	Wider project may require involvement with critical national infrastructure (CNI), cyber security, data protection and handling of commercially sensitive data. Risk of this being used/released in unapproved way.	Medium
R5	Existing network capacity allocation arrangements can favour existing, often carbon based, generators who have already "booked" network capacity and prevent additional / alternative use of that capacity. This may undermine the overall objectives of the project.	Medium
R6	Data may not be made available to fully support the solution delivery.	Medium
R7	For a variety of operational and network modelling reasons, some network assets at boundaries will also be recorded in adjacent network operator systems.	Medium
R8	The quality of the data for building the Network Model may not be sufficiently complete or correct to permit some automated network assessments to be undertaken.	Medium
R9	The formats of the supporting datasets may change, as a result of changes to information systems and / or the regulatory environment.	Medium

R10	The overall delivery project will operate over a number of years. During this time there may be changes to the political landscape, affecting the composition of, in particular, the governmental members of the stakeholder group.	High
R11	Changes to the electricity industry regulatory environment may affect the functionality that will be required by the resulting system(s).	Medium
R12	Unintended consequences of providing a Digital Twin model of the electricity network. For example, "gamification" of processes.	Medium
R13	Failure of end users to fully adopt the system.	Medium
R14		
R15		
R16		
R17		
R18		
R19		
R20		
R21		
R22		
R23		
R24		
R25		

Impact (Low/Medium/ High)	Mitigation	Related Work Package	Risk Owner (drop down)	Status (drop down)
High	Availability ensured with senior buy-in and strategic commitment by stakeholders. ESO executive sponsor appointed and engaged with.		Lead partner	Open
Medium	Relatively low risk for Alpha Phase project as duration is relatively short and delivery timescale is not much longer than participants' notice periods. However, this is a potential risk during subsequent phases.		Lead partner	Open
High	Work programme must have clear objectives, responsibilities and deliverables that are achievable in time available. Any "scope creep" must be identified and managed.		Lead partner	Open
High	Visibility and access to the resulting system must be tightly managed and follow Security of Network & Information Systems Regulations (NIS), data protection regulations and cyber security recommendations.		Partner 1	Open
High	Arrangements must be identified to facilitate appropriate sharing of that capacity to the benefit of customers.		Lead partner	Open
High	Early engagement with DNOs to determine data required for the projects and implications for the delivery of open data.		Lead partner	Open
Medium	Data processing design will need to correctly identify the operational ownership of network assets, particularly at responsibility boundaries, and report where this is not possible.		Partner 1	Open
Medium	Where correction of the data is not possible, it may be necessary to make appropriate assumptions, in place of missing or obviously erroneous values. These must be highlighted and any potential impact on operation must be indicated in the network assessment.		Partner 1	Open
Low	Future changes to data flows or content will need to be agreed and / or appropriately incorporated into the future PWR system.		Partner 1	Open

[illegible]



