

Recommendations for the local authority and local independent entities

Recommendations - Short-term

Early action through development of the recommended SLES propositions by taking the 'no-regret' steps will jumpstart the journey to decarbonisation.

It is recommended that the MH:EK project pursues both Proposition 1 and Proposition 2.

The outcome of Proposition 3 suggests that it is not a strong SLES candidate, so is not recommended to be progressed. It does highlight the commercial opportunity for onshore wind development if network constraints can be reasonably addressed.

Recommendations - Mid-term

A fully integrated and adaptable roadmap including key decision points and determinants for the decarbonisation of the Pembrokeshire energy system should be developed, stemming from the short-term SLES proposition and in close partnership and collaboration with the local and regional projects and network operators.

It is recommended that the next phase of the MH:EK project considers developing a roadmap for the decarbonisation of the Pembrokeshire energy system by 2050. We recommend that the starting point would be the short-term investable propositions for SLEs integrated with key projects and regional plans such as South Wales Industrial Cluster (SWIC), RWE Pembroke Net Zero Centre (PNZC) as well as the ERM Dolphyn project as they are further developed.

Early action up to 2025 will involve fewer actors and will therefore be less complex to implement. Actions taken now could have a catalytic effect to form larger energy clusters and eventually a decarbonised energy system.

Close partnership and collaboration with the regional plans such as SWIC, RWE PZNC and ERM to develop a roadmap for decarbonisation of the Pembrokeshire energy system by 2050 is recommended. A fully integrated roadmap will enable the implementation of the short-term no regret steps with a view of integrating those with their plans on the journey to decarbonisation.

Other upcoming studies such as the Pembrokeshire Local Area Energy Planning (LAEP) which will include whole system energy modelling and optimisation of the Pembrokeshire local authority energy system, LAEP delivery pathways and local energy decarbonisation routemap are also key to inform the development of this roadmap.

Engagement with network operators should be continuous to integrate the network capacity and planned upgrades into the roadmap.

The roadmap should be kept under review and adapted as the regional picture evolves, more actors become interested in the transition including investors and energy sector level changes happen for example network upgrades and policy and regulatory changes.

The decarbonisation roadmap should have the community, stakeholders and wider sustainable development aims at the centre to ensure a just transition.

The transition to net zero should put the community, stakeholders and wider aims at the centre and ensure a just transition for all. Through continual stakeholder engagement and adopting a theory of change approach, MH:EK should aim at developing a set of tangible actions and a roadmap for everybody to understand their role to get to net zero by 2050 whilst ensuring societal cohesion.