

What are SLEsSs?

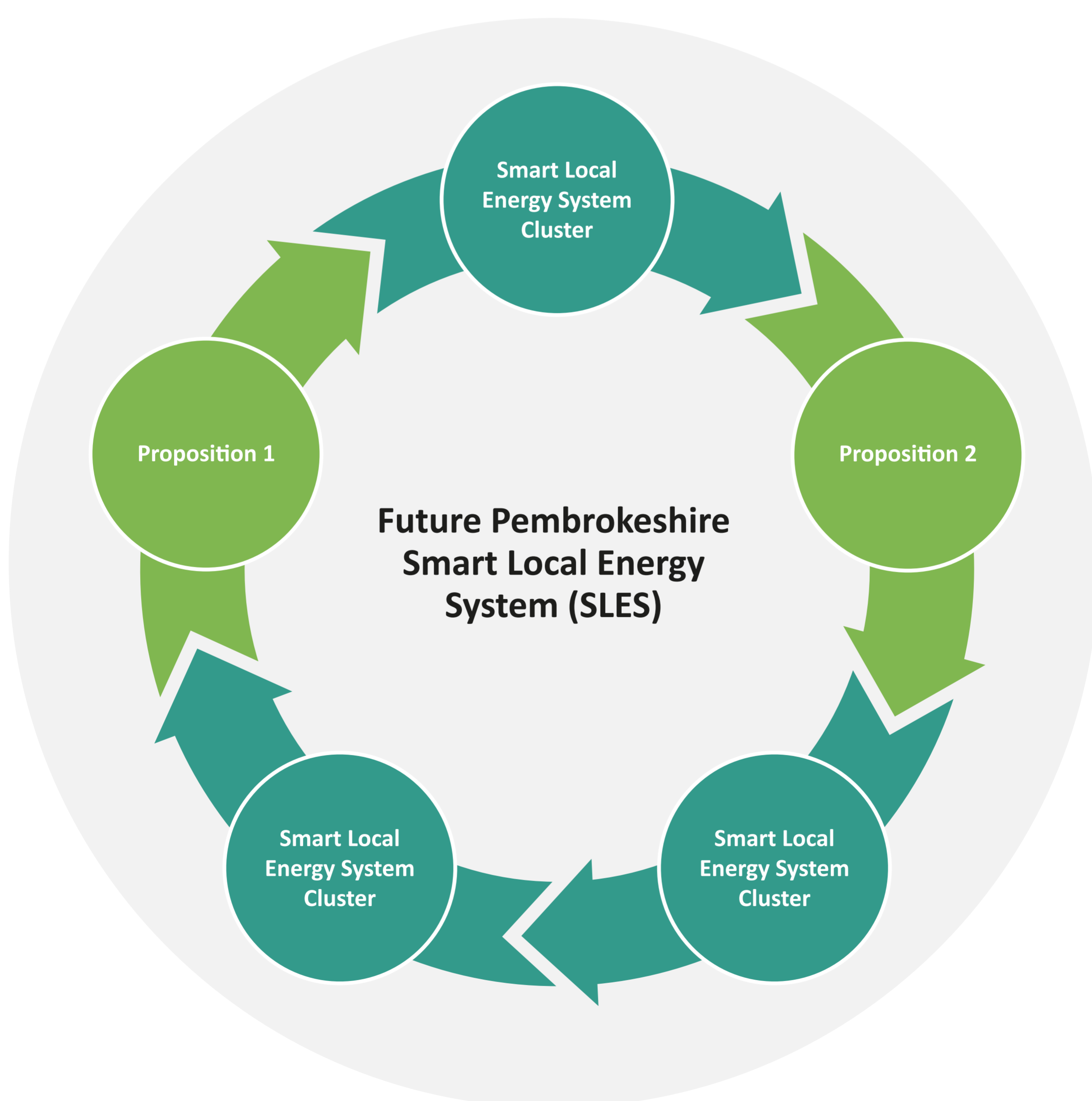
Smart local energy systems are shown to have significant benefits in terms of costs and carbon emissions.

This is the case where there is strong interplay between the demand energy vectors (heating, cooling, electricity and hydrogen) supporting system balancing and greater flexibility of supply.

The study has highlighted a strong case for a hierarchy of energy usage as the system transitions to net zero.

Energy should be used locally where possible and unnecessary transition between vectors should be minimised.

However, SLEsSs and heat networks are not always the preferred solution, this is dependent on the mix and scale of demand energy vectors.



Propositions identified during this study could result in acting as 'stepping stone' projects or catalysts for other SLES clusters developing towards a Future Pembrokeshire SLES