

SER Cymry 11

Working in synergy with Horizon 2020 funding to continue to enhance specialist research capacity building this scheme has already achieved, and encourage and accelerate exceptional collaborations in research and innovation by providing additional strands of funding opportunities.

M-SPARC

M-SParc constructed to provide accommodation and ancillary services for science based industry facing projects. Providing support for the development of smart specialisation clusters with a focus on commercialising research and development and innovation in the low carbon energy and environment.

SHELL FISH Centre

The Centre will collaborate with businesses to deliver science to support growth & investment through new production & processing technologies, identification of new production areas, product diversity & overcoming environmental constraints on industry growth, productivity & marketability.

SEACAMS2

Supports developing economic opportunities in Low Carbon, Energy & Environment through specialisation in commercial application of research & innovation in marine renewable energy & climate change resilience & resource efficiency in Wales.

Mentor Môn – Marine Characterisation Research Project (MCRP)

Ensure safe phased deployment of tidal energy turbines in Morlais Demonstration Zone

SMART Cymru Co-invests in business research, development & innovation for sustainable growth. It supports Welsh businesses to develop, implement and commercialise new products, processes and services.

SMART Expertise offers financial support to innovative collaboration projects that require a range of expertise to solve industry problems.

SMART Innovation offers expert & impartial innovative advice and support for Welsh businesses seeking to undertake Research & Development.

Centre for Environmental Biotechnology

Establish facility for finding & producing enzymes & biomolecules of industrial relevance, used in production of food, pharmaceuticals, agri-tech, new materials & environmental clean-up as biological solutions are discovered that replace chemical processes.

Digital Signal Processing (DSP) Centre of Excellence

Undertakes highly specialised research into digital communication systems such as 5G networks & ecosystems. Collaborating closely with Welsh & international academic & industrial partners to provide a huge array of economically critical signal processing applications.

Centre for Photonics Expertise (CPE)

Unify all Wales Photonics research capability to deliver cross sector, industry driven photonics solutions, strengthening the photonic market for future investment to build Welsh economy.

Smart Efficient Energy Centre – SEEC

A Research centre working across three low carbon energy sectors: ocean energy, nuclear energy, and energy efficient structures. The three themes are interconnected by a common cyberinfrastructure hub.