LEARNING LAB ON "SUPPORTING MECHANISMS FOR CAPACITY BUILDING IN FRAMEWORK PROGRAMME PARTICIPATION (H2020/HORIZON EUROPE)"

CREATING THE POLICY FRAMEWORK

Geraint Green

Head of Research and Innovation Branch

Welsh European Funding Office, Welsh Government, UK







Regional Policy
Regions of Excellence
Winner 2011

STRATEGIC CONTEXT / PROGRAMMING



HORIZON 2020 UNIT

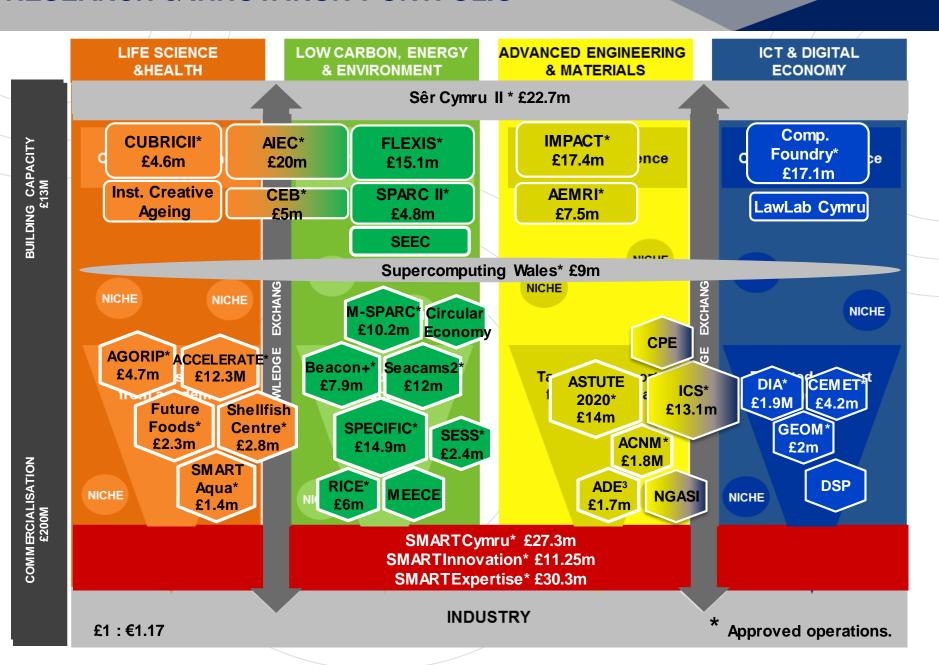
- A central contact point for all Welsh organisations
- General advice and support on accessing the most appropriate R&I funding from the EU
- Co-ordinating, facilitating and influencing role
- Small teams in North and South Wales
- Building on existing relationships with Welsh Government Departments, the European Commission, Higher Education and those representing business needs
- Located in Structural Funds Managing Authority maximising opportunities for synergy with the Structural Funds
- New resources and ambition to 'raise the game' in Wales



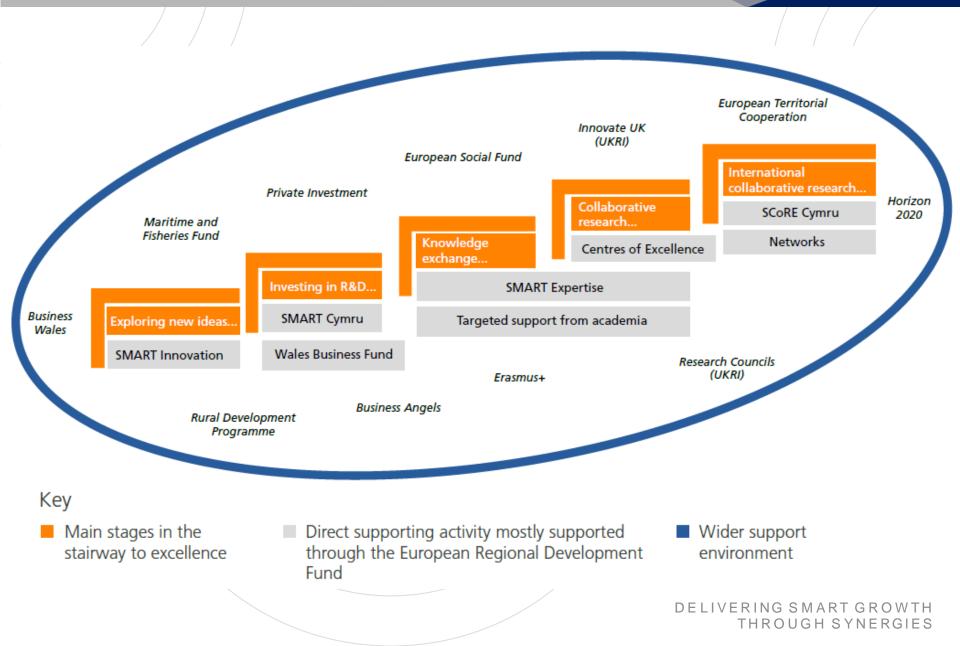
Key Objectives:

- Build a 'stairway to excellence'
- Increase the engagement and success of businesses
- Develop a Horizon 2020 culture and community in Wales
- Maximise the impact of existing and emerging support
- Support and develop our experts & evaluators

RESEARCH & INNOVATION PORTFOLIO



BUILD A STAIRWAY TO EXCELLENCE



EXAMPLES OF SYNERGIES (1)

European Regional Development Fund (ERDF) €26.5m



Horizon 2020 Marie Skłodowska-Curie Actions (MSCA) COFUND scheme €9.5m

SÊR CYMRU II

Lead: Welsh Government

Value:

€65m inc. match funding



A suite of complementary schemes aimed at developing the next generation of talented researchers in Wales and attracting international research fellows.

Common processes between projects, e.g.:

- Independently appointed Evaluation Panel of international scientists and researchers rank all applications
- Same project team and approval process

EXAMPLES OF SYNERGIES (1)

SÊR CYMRU II EXPECTED OUTCOMES



ADDITIONAL RESEARCH **INCOME**

NEW RESEARCHERS IN WALES

EXAMPLES OF SYNERGIES (2)

WELSH EXPERTISE DRIVES SOCIETAL CHANGE





'Upstream' funding



2007-2013 EU Investment via the ERDF-backed Low Carbon Research Institute and the RegioStar finalist SEREN, help develop Welsh expertise in energy and the low carbon economy.







Successive funding



Engagement in EU networks



2014-2020 ERDF investment in the FLEXIS and RICE projects further increase Wales' capacity to drive research into flexible energy systems and next generation technologies to reduce carbon emissions.





Lleihau Allyriadau Carbon Diwydiannol

Developed research expertise, including world-class researchers supported through Sêr Cymru programme, increase Wales' involvement in collaborative Horizon 2020 energy projects.







'Downstream' benefits
These include the <u>Caerau</u>
<u>mine-water project</u>, a
cutting edge green energy
solution using a former
colliery as a geothermal
energy source for nearby
homes.



Shaping and influencing
The expertise enables
Wales to influence
technology development
trends, funding
programmes and relevant
policies in the UK, Europe
and globally.

BEYOND BREXIT

A new integrated regional policy for Wales and an active partner in Europe



- Build on the legacy of decades of Wales' partnership with the EU.
- Take the best of the European Structural and Investment funds, and adapt for Wales
- Opportunities for greater flexibility, proportionality, simplification, integration, single funding stream, etc.
- Call for UK participation in collaborative programmes like Horizon Europe, ERASMUS+, Creative Europe, and the European Territorial Cooperation programmes.
 - Wales is and will continue to be an outward looking country. Seeking to maintain and build upon partnerships and networks across the EU.

THANK YOU

Find out more:

EU FUNDS IN WALES:

Email: <u>Enquiries-WEFO@gov.wales</u>

Call: +44845 010 3355

Website: https://gov.wales/funding/eu-funds/?lang=en

HORIZON 2020 IN WALES:

Email: horizon2020@gov.wales

Call: +44845 010 3355

Visit: http://gov.wales/funding/eu-funds/horizon2020







EU Regional Policy Regions of Excellence Winner 2011

LEARNING LAB ON "SUPPORTING MECHANISMS FOR CAPACITY BUILDING IN FRAMEWORK PROGRAMME PARTICIPATION (H2020/HORIZON EUROPE)"

NATIONAL/REGIONAL ACTIVITIES

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HORIZON 2020 UNIT

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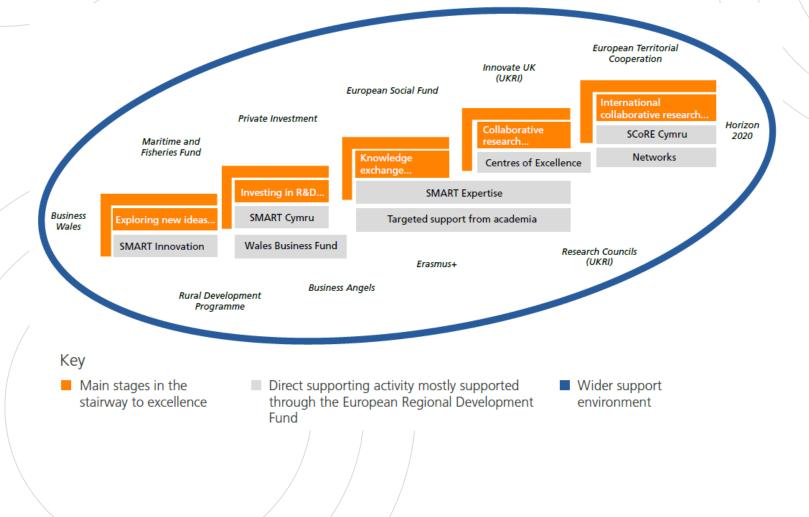


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HORIZON 2020 UNIT - KEY OBJECTIVES

Objective 1: Build a 'stairway to excellence'



HORIZON 2020 UNIT – KEY OBJECTIVES

Objective 2: Increase the engagement and success of businesses



Welsh SME **IMSPEX Diagnostics**Ltd's application for Horizon 2020 funds, supported by SCoRE Cymru, went on to secure €1.5m to lead a European project to revolutionise the way respiratory illnesses are diagnosed.



HORIZON 2020 UNIT – KEY OBJECTIVES

Objective 3: Develop a Horizon 2020 culture and community in Wales



HORIZON 2020 UNIT - KEY OBJECTIVES

Objective 4: Maximise the impact of existing and emerging support



HORIZON 2020 UNIT – KEY OBJECTIVES

Objective 5: Support and develop our experts & evaluators





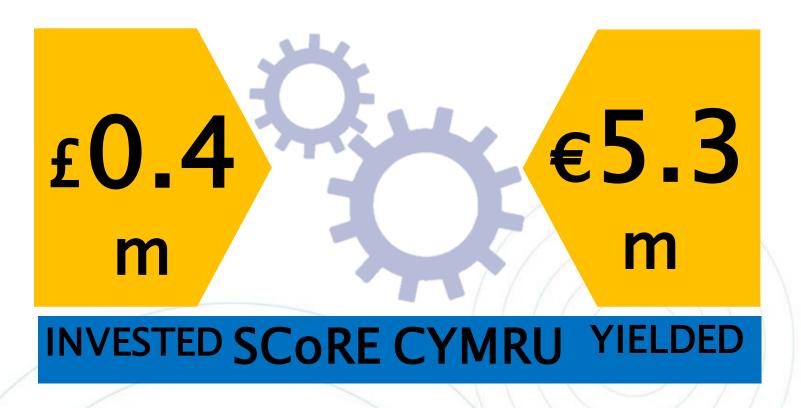
MSCA Summer School

https://youtu.be/XoG TOAy6Vo

REMOVING BARRIERS: SCORE CYMRU

Supporting Collaborative Research and innovation in Europe

- Grants to support Welsh-based organisations with the costs of accessing EU programmes such as Horizon 2020
- Supports travel to meet potential partners and bid writing costs



HORIZON 2020 UNIT - BIOCOMPOSITES, BANGOR UNIVERSITY

Increasing impact



'Upstream' funding



Successive funding



Engagement in EU networks



Horizon 2020 success



'Downstream' funding



ERDF Funding strengthening the centre's R&I capacity, including infrastructure and research staff for R&I collaboration with Welsh businesses.

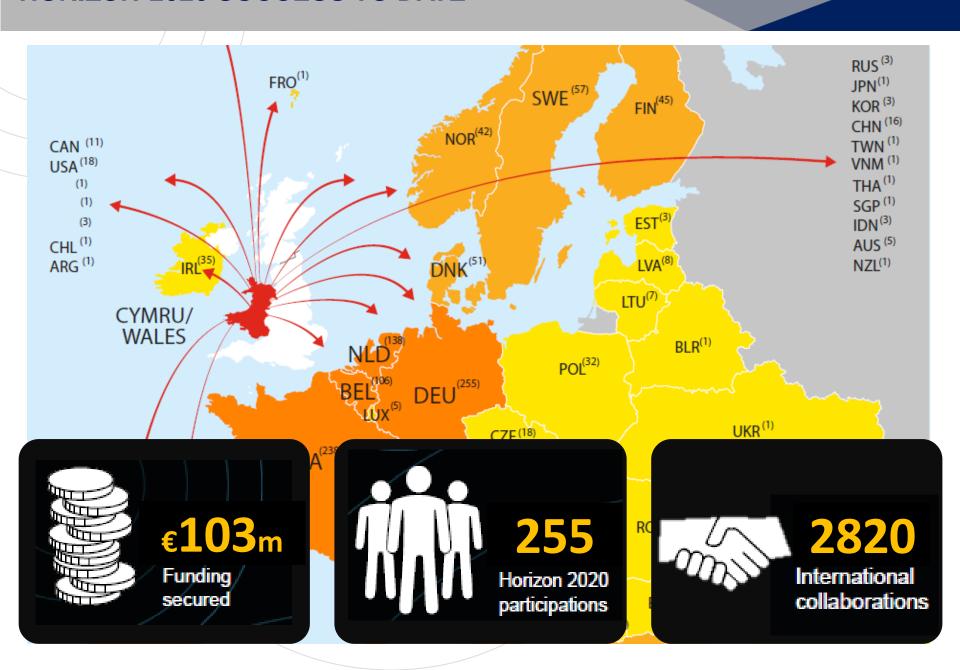
Increased R&I capacity
leverages additional
funding and R&I activities
from varied sources
including Innovate UK, UK
Research Councils, Welsh
Government and other EUfunded schemes.





Further ERDF investment acts as a vehicle to translate academic knowledge into R&I collaboration with Welsh business, maximising the downstream benefits to the wider regional ecosystem

HORIZON 2020 SUCCESS TO DATE



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