

Public Health Wales Research Strategy Refresh

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Head of Research and Development



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**“Information, research and evidence are the foundations of
quality health policies”**

(World Health Organization, 2017)

**“The best research and innovation is driven by people
with broad horizons and a global outlook”**

(Prosperity for All, 2018)

Public Health Wales
Research Highlights
2017/18



1. Develop research skills of staff within Public Health Wales

2. Help to create new knowledge

3. Work in partnership with others

4. Effectively communicate what we know



To read the Research Strategy go to:

https://research.publichealthnetwork.cymru/files/7014/8708/7189/PHW_Research_Strategy_report.pdf

1. Building research capacity

- Staff protected time: Clinical Research Time Awards.
- [Dysgu@Lunch](#); R&D workshops; PHANTOM
- Research skills: Workforce training and development needs assessments, programme developed, My Contribution guidance to support research objective setting
- Divisional R&D groups, peer-review process
- Specialty Lead (Dr Julie Bishop)



2. Generate new knowledge

- ACEs and WG investment to Cymru Well Wales and development of ACE Support Hub
- £6.87 million funding from the Home Office for PHW, PCC and other organisations
- Pump-prime grant funding (£10k) and R&D Division-funded practitioner-led call £40k



3. Collaborative working

- Academic grants and collaborations
- National Centre for Population Health and Wellbeing Research
- WHO Collaborating Centre on Investment for Health and Wellbeing
- International Health Coordination Centre
- Police and Crime Commissioners, Cymru Housing Wales



CymruWellWales



Research Design
& Conduct Service
South East Wales

Gwasanaeth Cynllunio
a Chynnal Ymchwil
De-ddwyrain Cymru



National Centre for Population Health & Wellbeing Research
Canolfan Genedlaethol ar gyfer Ymchwil ar Iechyd a Llesiant y Boblogaeth



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4. Communicating research findings

- Research seminars and workshops
- Monthly R&D Newsletter
- Annual R&D Highlights report
- Research in Wales conference
- Social media, Facebook, Twitter (@phrwales)
- Help and advice, supporting staff to publish
- Infographics



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Our Priorities 2018-2030

Building and mobilising knowledge and skills to improve health and well-being across Wales

Influencing the wider determinants of health

Improving mental well-being and resilience

Supporting the development of a sustainable **health and care system focused on prevention** and early intervention

Working to Achieve a Healthier Future for Wales

Promoting healthy behaviours

Protecting the public from infection and environmental threats to health

Securing a healthy future for the next generation

Our Values:

Working together with trust and respect to make a difference

By 2030, we will:

- have a **thriving** research and development **environment**, drawing from and contributing to international **evidence**, attracting **investment** and research **talent**



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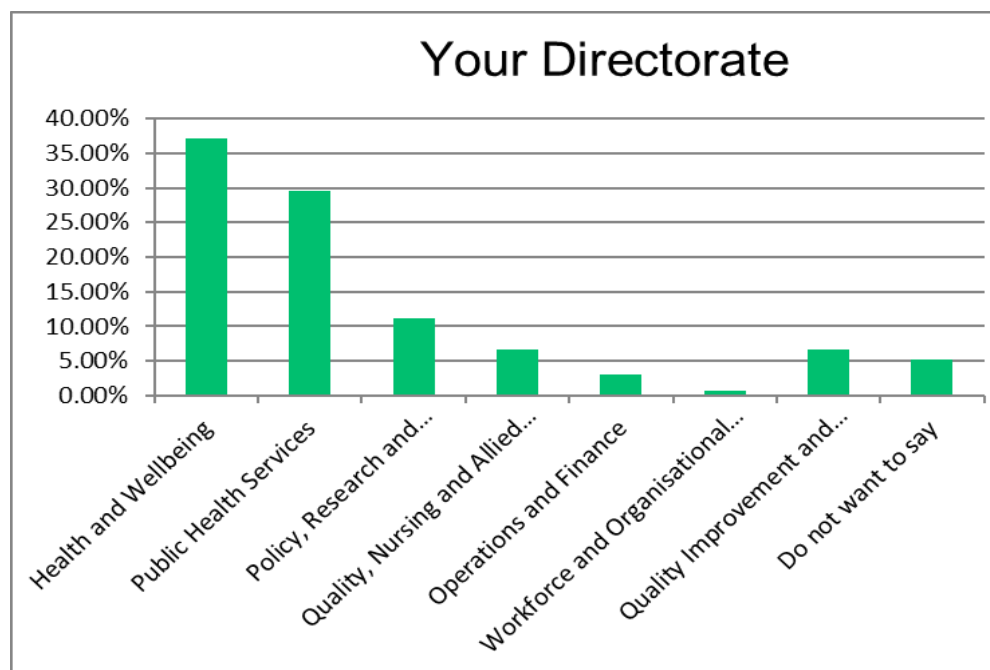
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Who

Staff Survey (n=140)

Oct 2018



Stakeholders (n=30)

Sept '18 – Jan '19

Public Health Wales

Academia in Wales

Welsh Government

Independent Research
Institutions

Public Health England

Public Health Agency, N
Ireland

NHS Health Scotland

Workshops (Bangor and Cardiff)

Dec 2018

Public Health Wales

Academia

Public member

53 people

*Reflecting on themes and
where next?*

Positive evaluation

What is a National public health organisation's role in public health research?

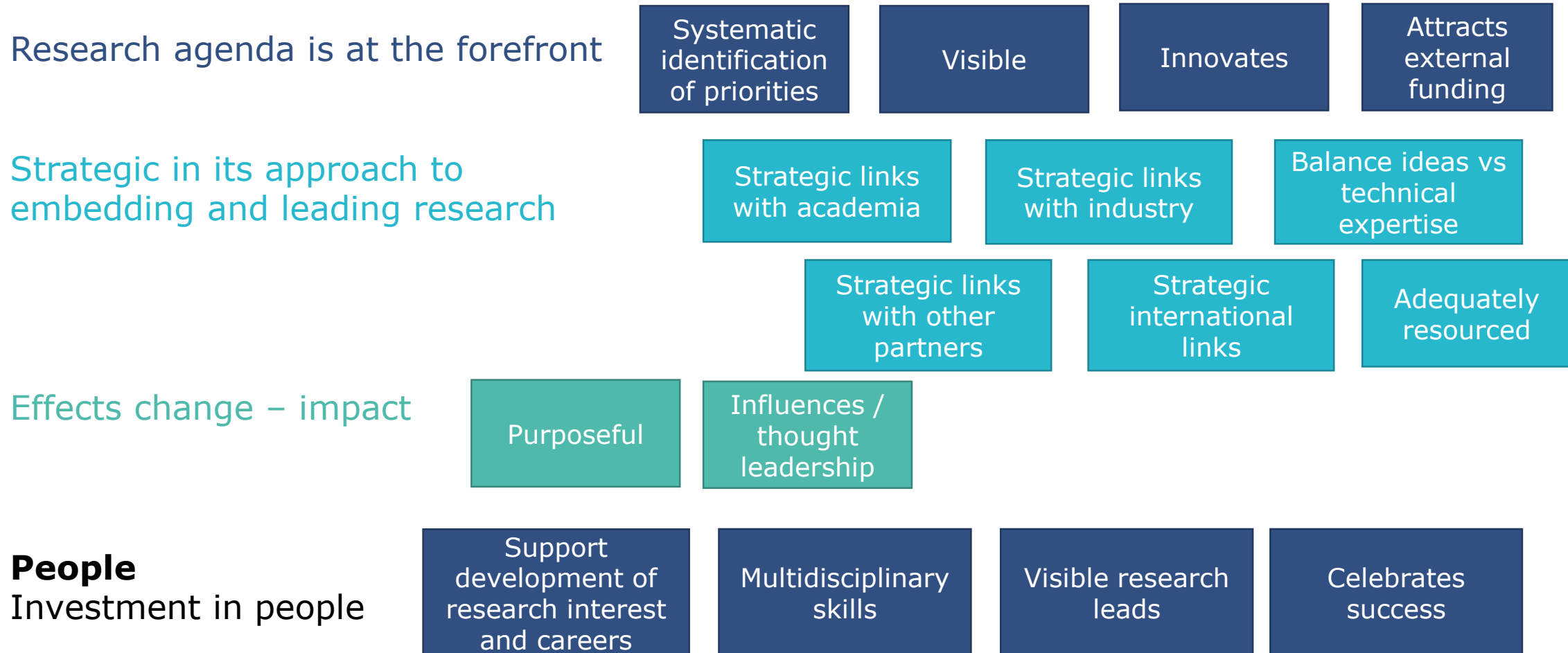
...a Public Health Institute with a **leading research programme**

...**Systems leadership**, setting the agenda for population health challenges in Wales

...**Collaboration** with universities for research council funding. PHW should be a **viable partner**, having the capacity and skills to do so

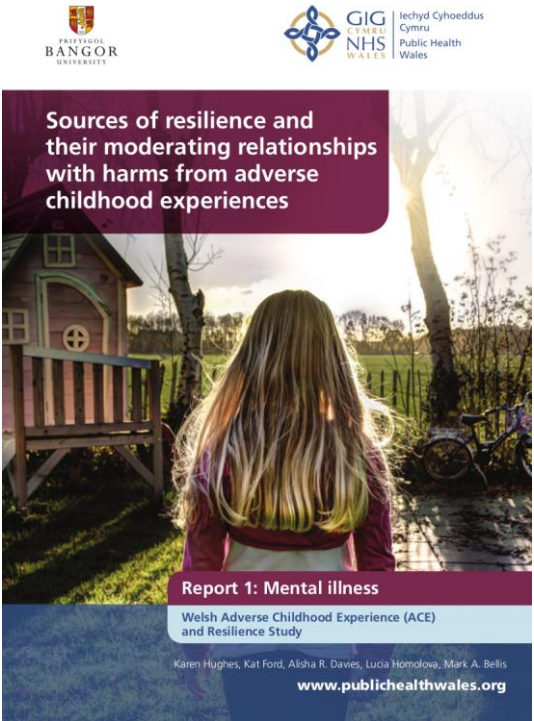
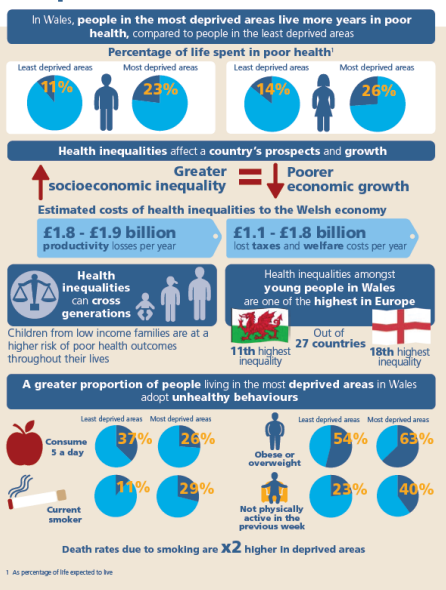
...**Leading** the population health research across systems, Wales, internationally.

What are the characteristics of a research active public sector organisation?

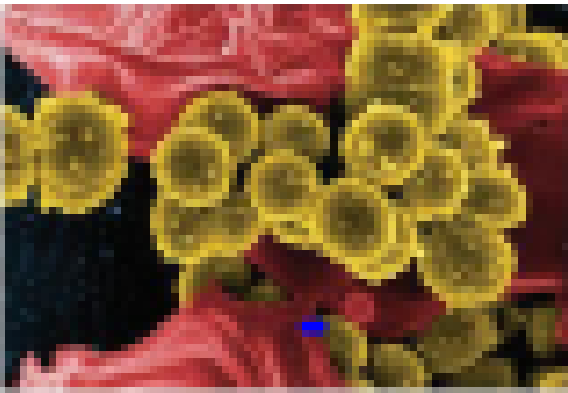


Research across a spectrum

Addressing Health Inequalities in Wales



Clinical trials



PUBLIC HEALTH WALES

Improving the level of antibiotic prescribing
Routine data

Evidence reviews

Population Surveys

Multi-disciplinary

Prioritise and focus

Staff

- Building our reputation through **high quality, transparent research** based on **identified gaps, addressing and not only describing the problems by utilising our uniqueness** (data/patients/public)
- Talent: support some '**blue sky**' thinking
- Democratising and **developing the agenda**, including public engagement to inform policy and deliver strategic priorities.

Stakeholders

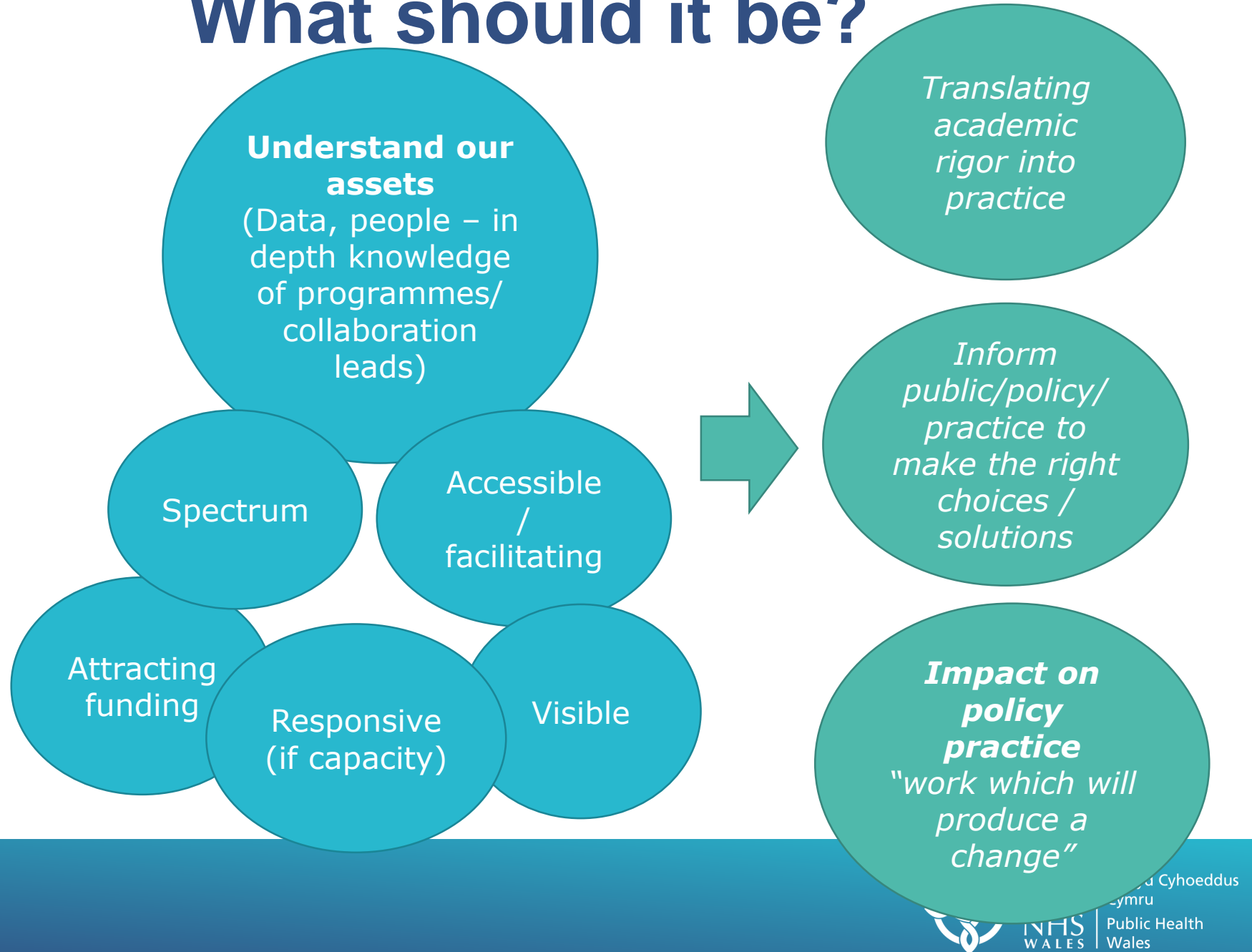
- **Research at the forefront** - value of research in organisation realised and protected.
- identify **strategical areas** to be involved in – focused on themes and assets in PHW, and build, identify opportunities.
- **focus on strengths**, where we can **make a difference** (policy, health protection).

What is PHWs offer to research?

Some examples of excellence but overall

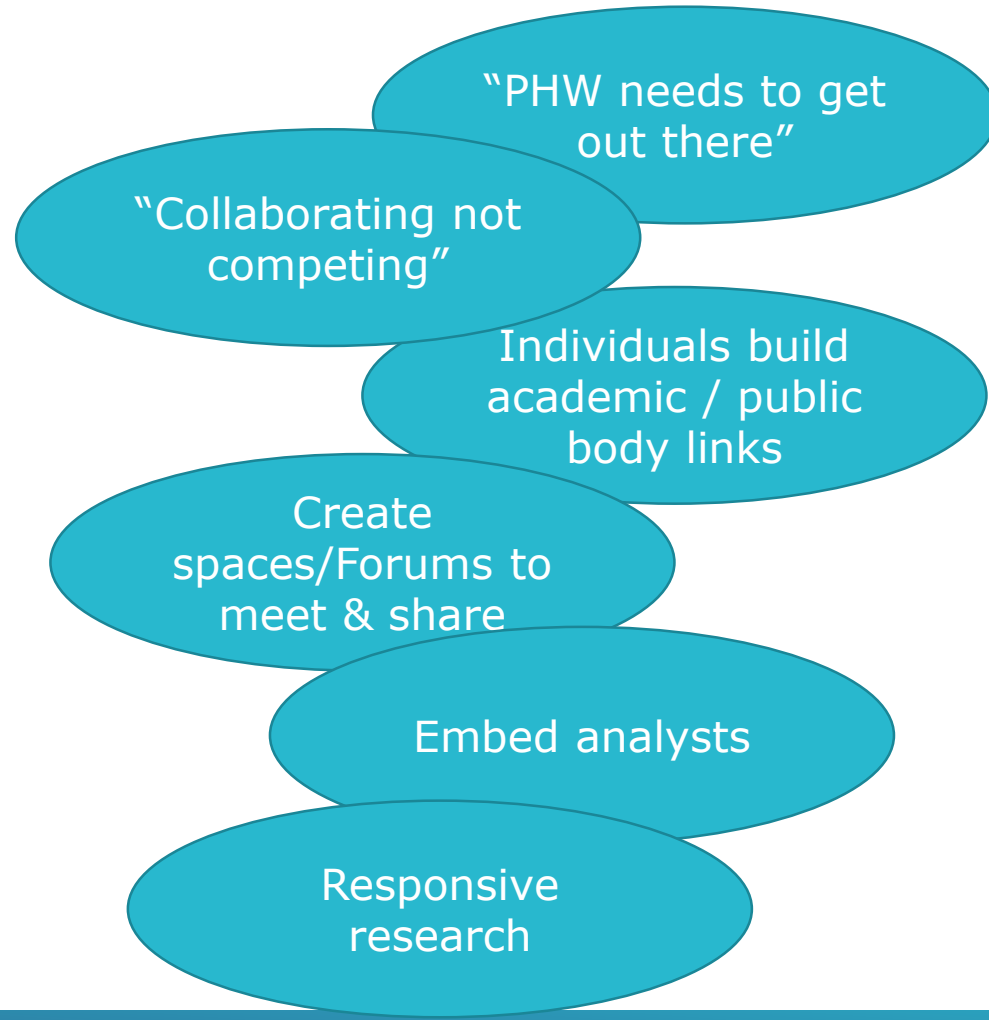
- Very unclear
- Do not know
- “little visibility”
- Limited due to a lack of resources/capacity

What should it be?



Opportunities to engage and thrive

- Link with research schools in Wales – real opportunities.
- Common goal – to make a difference to population health



Benefits

- IMPACT
- Ensure practice and policy are rooted in evidence
- Break down silos / Cross fertilisation of ideas
- Efficient use of resources/assets in Wales
- Sharing workstreams, partnerships
- Co-produce research programmes
- Staff development (teaching opportunities in academia)

Developing Capacity and Capability

Staff

- 70% want to develop skills
- 65% expressed barriers. Lack of
 - Opportunities and support
 - Protected time
 - Networking opportunities
 - local research infrastructure;
 - Training in baseline research skills
 - skills or confidence shortage
- Opportunity costs
- Research governance

Stakeholders

- Workforce is a key priority
- Competing priorities “research gets squeezed”
- Need
 - Funding / investment in capacity building
 - Talent and workforce development (specific areas genomics, bioinformatics, big data)
 - Infrastructure to support (running /writing grants expensive to do).

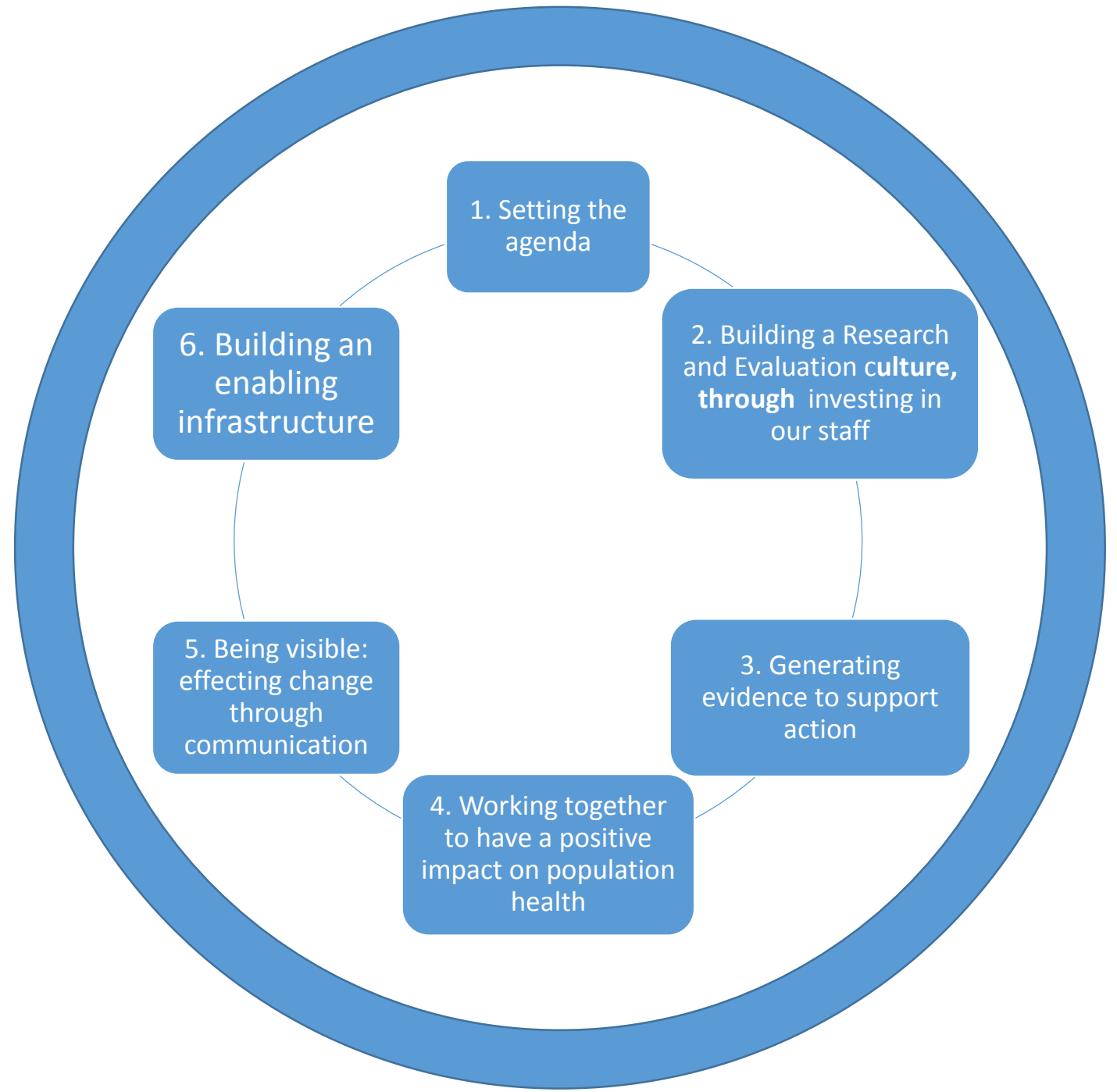
Generating the evidence needed to make a difference to population health 2019-2025

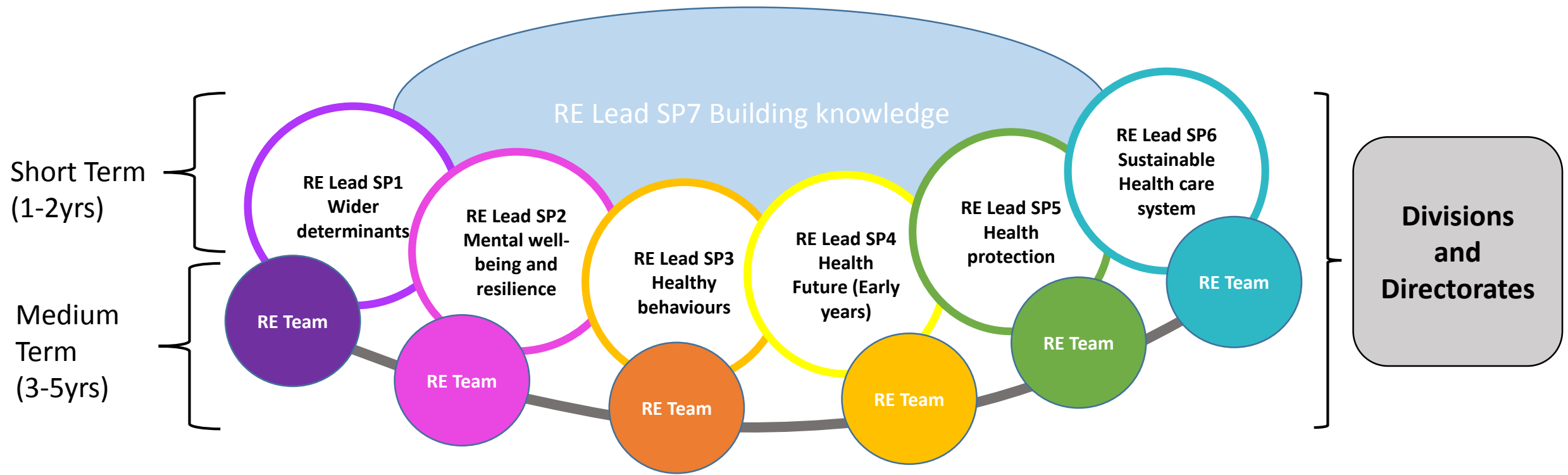


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By 2030, we will have a thriving research environment, drawing from and contributing to the best international evidence, attracting diverse investment and employing research talent from around the world





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**Securing a
healthy future
for the next
generation**

**Academic
partners –
Strategic
Opportunities
Panel**

Public

**Commercial
and
Industry**

**Health
Boards**

**Voluntary
sectors**

**Public
sectors**

Timeline

- March 2019 Internal review and support
- April 2019 Board approval
- April 2019 Cross-organisational implementation plan, early adopters

Year 1

- Review progress and business requirements

PHW

www.publichealthwales.co.uk

@PublicHealthW

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@PHRWales

PHW Research website

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