# Towards a Public Health Wales Research & Evaluation Strategy

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# Developing a Public Health Wales Digital and data strategy

- Welsh Government are developing a Digital Strategy for Health and Care for Wales

- The new Chief Digital Officer is currently reviewing this

- We're beginning to develop input for PHW's digital and data strategy that will need to align with
  - Public Health Wales Long-Term Strategy
  - Welsh Government Strategy

- This is about gaining input from KRIC

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# Current situation

- Where are we now?
- What's good or could be improved?

# Challenges

- What's stopping us?
- How could we think differently?

# Future

- What do we want to look like in 3, 5, 10 years' time?

# Principles

- How do we get there?
- What are the things that we stand by?

# Where are we currently at on digital and data
## Both positive and improvement areas

- Speed of IT systems. Lab IT systems

- Joined up systems

- Do we have a common view of digital – need a single definition. Integration as part of definition

- Governance. Data we have not the data we need. What are the data systems we need? Ourselves vs all-Wales

- Time to talk panel survey

- Profiles work pre and post-covid eg alcohol, etc

- How can we look at live data on improving performance of the system, transparent across the system

- What are our gaps? Modelling and projections

- Digital literacy across the organisation

- How can we be sure that all data available through PHW and beyond are joined-up and used

- How do we know the data are making a difference and improving the system? Are we using our HEIs effectively to support us?

- Understanding of the basic requirements of IT across PHW. Navigating through our system – what's the front door?

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# Barriers & Challenges

## What's stopping us?

- Lack of central point for external navigation?

- What is the art of the possible?

- Are we scanning the horizon properly?

- Websites need to be user friendly, is this problematic for us?

- Are we linking properly with academic partners? Are we using the right systems to share with academic partners?

- Resilience of data/access is a challenge – only one server in the room in microbiology, so how do things function? Not enough power for every computer to have the access it needs. When internet slows down for Wales it affects us

- Standards for data need to be agreed. Barriers to sharing data internationally

- Need to use the open architecture approach which we're signed up to

- Need to have better data sharing agreements, trust our partners to share within and between trusted partners4

- Not enough people/resources/capacity to deliver

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# Where would we like to be? What are our principles?
## What do we look like in 3, 5, 10 years? How do we get there?

- A common view of digital

- Easy to navigate

- Trusted to do things that are logical and innovative

- Granularity and flexibility in our use of data/digital services

- An understanding of our users and potential users

- Locally accessible data

- Better planning and investments

- Open and accessible

- Relevant and up-to-date
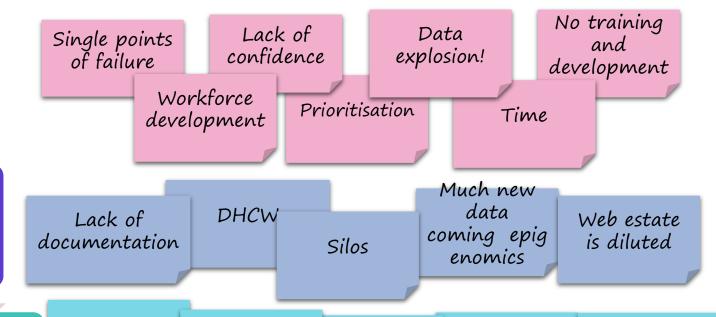
- A linked ecosystem of information

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# What others have said

**Current situation**
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**Challenges**
- What's stopping us?
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**Future**
- What do we want to look like in 3, 5, 10 years' time?

**Principles**
- How do we get there?
- What are the things that we stand by?

Single points of failure

Lack of confidence

Data explosion!

No training and development

Workforce development

Prioritisation

Time

Lack of documentation

DHCW

Silos

Much new data coming epig enomics

Web estate is diluted

Cloud

Recognition of achievements

Established processes

High quality of work

Automation

Secure data hub

Common standards

**Timely decision making**

**Clear priorities**

Flexi work

Shared vision

User needs first

Collaborative

Trust

Inclusive

Impact

Digital and Data Strategy

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# Next steps

- Continue to gain input from across PHW
- Develop emerging areas and principles
- Develop strategy to align with PHW's Long-term strategy
- Return to KRIC in March