PATH-SAFE Biosurveillance Conference

Further information, including the posters, slides and recordings, from the PATH-SAFE Biosurveillance Conference page, which was held on Wednesday 28 and Thursday 29 February 2024 in London.

The key aims of the PATH-SAFE Biosurveillance Conference were to:

- showcase the biosurveillance work undertaken within the PATH-SAFE programme, and other related biosurveillance programmes, strategies, and initiatives
- facilitate knowledge exchange and results dissemination
- foster the formation of connections and networks within the biosurveillance community

Please note the presentations relate to preliminary findings from the PATH-SAFE workstreams which are not yet completed.

Day 1

Following an introductory PATH-SAFE overview, project teams presented their PATH-SAFE data system development and knowledge gap-addressing projects.?The final session provided information on biosurveillance programmes, strategies and initiatives from across government:

Session 1: Developing Biosurveillance Data Systems

Presentations from the PATH-SAFE teams developing systems to integrate, interrogate and contextualise genomic and surveillance data from a range of sources.

The recording of PATH-SAFE Biosurveillance Conference – Day 1 Session 1 is available on YouTube.

Slides from this session can be found below. Please note the slides are not accessible. If you require an accessible alternative please contact fsa.communications@food.gov.uk.

PDF
Gweld PATH-SAFE Biosurveillance Conference – Day 1 – PATH-SAFE Overview and Session 1.pdf as PDF(Open in a new window) (6.21 MB)

Session 2: Addressing Biosurveillance Knowledge Gaps

Overviews of the PATH-SAFE AMR surveillance projects undertaken to fill existing knowledge gaps including surveys of AMR in sheep, cattle and animal feed, with presentations from:

- The Veterinary Medicines Directorate (VMD)
- The Animal and Plant Health Agency (APHA)

- Scotland's Rural College (SRUC)

The recording of [PATH-SAFE Biosurveillance Conference – Day 1 Session 2 is available on YouTube](#).

Slides from this session can be found below. Please note the slides are not accessible. If you require an accessible alternative please contact fsa.communications@food.gov.uk.

PDF
[Gweld PATH-SAFE Biosurveillance Conference Day 1 Session 2_0.pdf as PDF(Open in a new window)](#) (3.64 MB)

Session 3: Biosurveillance landscape

Biosurveillance programmes, strategies and initiatives overviews from teams across Government, including:

- UK AMR National Action Plan
- Genomics for Animal and Plant Diseases Centre 2 (GAP-DC2)?
- The third Infectious Intestinal Disease study (IID3)
- UKRI Tackling Infections Strategic Theme

The recording of [PATH-SAFE Biosurveillance Conference – Day 1 Session 3 (part 1) is available on YouTube](#).

As is [PATH SAFE Biosurveillance Conference – Day 1 Session 3 (part 2)](#).

Slides from this session can be found below. Please note the slides are not accessible. If you require an accessible alternative please contact fsa.communications@food.gov.uk.

PDF
[Gweld PATH-SAFE Biosurveillance Conference Day 1 Session 3 part 1.pdf as PDF(Open in a new window)](#) (6.32 MB)
PDF
[Gweld PATH-SAFE Biosurveillance Conference Day 1 Session 3 part 2.pdf as PDF(Open in a new window)](#) (6.04 MB)

Day 2

The second day of the conference focused on how PATH-SAFE projects have been enhancing existing biosurveillance activities and developing novel methods. The day concluded with a look at reflections and lessons learned during the programme to date.

Session 4: Enhancing Existing Biosurveillance

PATH-SAFE projects that have built upon existing biosurveillance sampling programmes, including projects led by:

- Food Standards Scotland (FSS)
- Animal and Plant Health Agency (APHA)
- Oxford University
- Agri-Food and Biosciences Institute (AFBI)

Recording of this session and presentation slides are undergoing review and will be uploaded in due course.

Session 5: Exploring Novel Biosurveillance Methods

PATH-SAFE projects that have developed and piloted novel methods for foodborne disease pathogen and AMR surveillance, including presentations from:

- Centre for Environment, Fisheries and Aquaculture Science (Cefas)
- Environment Agency
- Bangor University
- Queen's University Belfast (QUB)
- Fera Science Ltd

Part 1 is undergoing review and will be uploaded in due course.

The recording of PATH SAFE Biosurveillance Conference – Day 2 Session 5 (part 2) is available on YouTube.

Slides from this session (Part 2) can be found below. Please note the slides are not accessible. If you require an accessible alternative please contact fsa.communications@food.gov.uk.

PDF
Gweld PATH-SAFE Biosurveillance Conference Day 2 Session 5 part 2 of 2.pdf as PDF(Open in a new window) (4.13 MB)

Session 6: PATH-SAFE Reflections and Lessons Learnt

The PATH-SAFE coordination and evaluation teams provided an overview of the programme Process and Output Evaluations and reflected on lessons learnt.

The recording of PATH SAFE Biosurveillance Conference – Day 2 Session 6 is available on YouTube.

Slides from this session can be found below. Please note the slides are not accessible. If you require an accessible alternative please contact fsa.communications@food.gov.uk.

PDF
Gweld PATH-SAFE Biosurveillance Conference Day 2 Session 6.pdf as PDF(Open in a new window) (682.36 KB)

Posters from the PATH-SAFE Biosurveillance Conference

Please see below for posters that were displayed at the event from our partners. Please note that some posters have not yet been uploaded as publication of results is pending; they will be

uploaded in due course.

PDF
[Gweld Session 2. AMR surveillance in animals in the UK.pdf as PDF(Open in a new window)](#) (592.95 KB)

PDF
[Gweld Session 2. The UK cattle AMR survey (WS2b.3)_0.pdf as PDF(Open in a new window)](#) (970.1 KB)

PDF
[Gweld Session 3. IID3 project overview poster.pdf as PDF(Open in a new window)](#) (919.15 KB)

PDF
[Gweld Session 3. UK Microbial Forensic Consortium (UKMFC)_0.pdf as PDF(Open in a new window)](#) (536.52 KB)

PDF
[Gweld Session 4. WS2e AFBI Listeria isolates.pdf as PDF(Open in a new window)](#) (453.08 KB)

PDF
[Gweld Session 4. WS2e AFBI Salmonellaisolates.pdf as PDF(Open in a new window)](#) (412.38 KB)

PDF
[Gweld Session 5. Methodology Sequencing Norovirus_0.pdf as PDF(Open in a new window)](#) (500.19 KB)

PDF
[Gweld Session 5. WS2a catchment studies.pdf as PDF(Open in a new window)](#) (1.06 MB)

PDF
[Gweld Session 5. WS2a Norovirus in wastewater_0.pdf as PDF(Open in a new window)](#) (646.73 KB)

PDF
[Gweld Session 5. WS3a Rapid diagnostic foodborne pathogens.pdf as PDF(Open in a new window)](#) (1.39 MB)

PDF
[Gweld Session 5. WS3b 2030Labs.pdf as PDF(Open in a new window)](#) (3.74 MB)

PDF
[Gweld Session 5. WS4 Cefas Shellfish as bioindicators for AMR_0.pdf as PDF(Open in a new window)](#) (689.91 KB)

PDF
[Gweld Session 6. PATH-SAFE Overview Poster.pdf as PDF(Open in a new window)](#) (1.23 MB)