

# 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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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)