



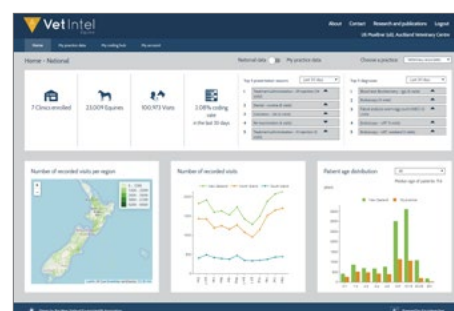
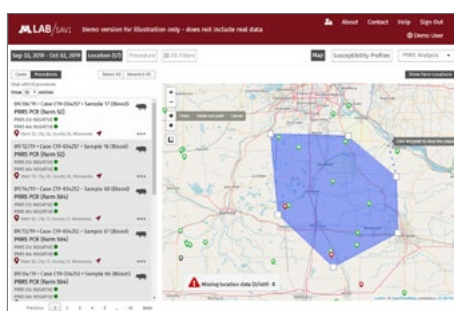
EPI-interactive

ICAHS Workshop

# Supercharging surveillance data on the web

TIPS, TOOLS AND CASE STUDIES

Venue: CHP / conference venue, Copenhagen, Denmark | Date: 11 May 2020



## TOPICS TO BE COVERED

### Session 1

9.00 – 10.30 AM

Introduction to interactive, web-based data visualisation to support stakeholder engagement and data dissemination for animal health surveillance;

- Case study: LAB/savi – a veterinary diagnostic laboratory data dashboard, incl. tools for genetic analysis (University of Minnesota)
- Case study: Freedom from reporting – data dashboards to disseminate results of New Zealand health surveys (Ministry of Health, Health Promotion Agency)
- Case Study: Global surveillance depiction – data dashboards depicting international equine disease occurrence to facilitate equine movement and disease control

### Session 2

11.00 AM – 12.30 PM

Good practice in designing and building effective surveillance dashboards, incl. tips and tricks for stakeholder engagement and how to navigate the tech jungle (data sources, APIs, custom vs. off-the-self tools, cloud hosting).

### Session 3

1.30 – 3.00 PM

Add-on's: Open source technology encourages development and here we demonstrate some of the available tools that can be integrated into web-based dashboard development to make it easy, fun and fast to depict surveillance information.

### Session 4 (optional)

3.30 – 5.00 PM

Building an R Shiny dashboard for the web – we will demonstrate best practices on how to get started and which tools to use; participants can get hands-on in this session.

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## Workshop leader

Dr Uli Muellner (EPI-interactive)

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## Other teachers

Dr John Grewar (jDATA)

Dr Petra Muellner (EPI-interactive)

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## Required prior knowledge

None

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## Registration

Register here: [icahs4.org/workshops/](https://icahs4.org/workshops/)

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## Workshop format / Way of teaching

Interactive – mix of presentations and discussions; last session of the day optional laptop exercise

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## Own laptop required?

Only if participants are keen to get hands-on with the exercise in the afternoon; participants can also partner up with a laptop

