

Outbreak Scenario (wk 2 module)



NEW ZEALAND
FOREIGN AFFAIRS & TRADE

- ≡ Welcome to week 2

- ≡ Event 1: Notification

- ≡ Event 2: Preparation for outbreak investigation

- ≡ Event 3: Arrival at village A

- ≡ Event 4: Meeting village "A" representative

- ≡ Event 5a: Sampling

Welcome to week 2



"Hello all, welcome to Week 2, Biosecurity and Sampling module.

In this second module, we will explain the biosecurity principles, conduct situation analysis, and concepts of sampling for laboratory diagnosis in relation to field outbreak investigation.

The module comprises of three interactive lessons, checklist and series of tasks based on the scenario for you to participate as part of the learning program."

After completing this module you will be able to:

1

Explain the principles of biosecurity measures to be applied during outbreak investigation and response management.

2

Practice biosecurity measures during outbreak investigation and response management.



3

Prepare suitable equipment/materials for investigation, field sample collection, and biosecurity control measures.

4

Apply appropriate sample selection, collection, handling and submission.

Module trainer team



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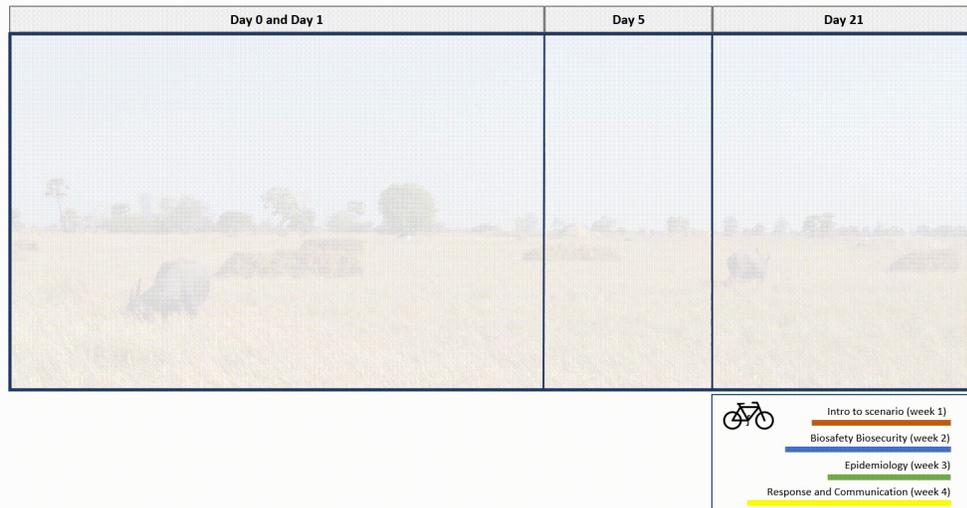
Event 1: Notification



**“Let's begin with Event 1 of the outbreak scenario.
Note where you are on the scenario transit map
below.**

**If you would like to remind about the scene-
setting, just follow this link to watch the [scenario
introduction VDO](#) again”**

Scenario transit map



Click ► to play the video record

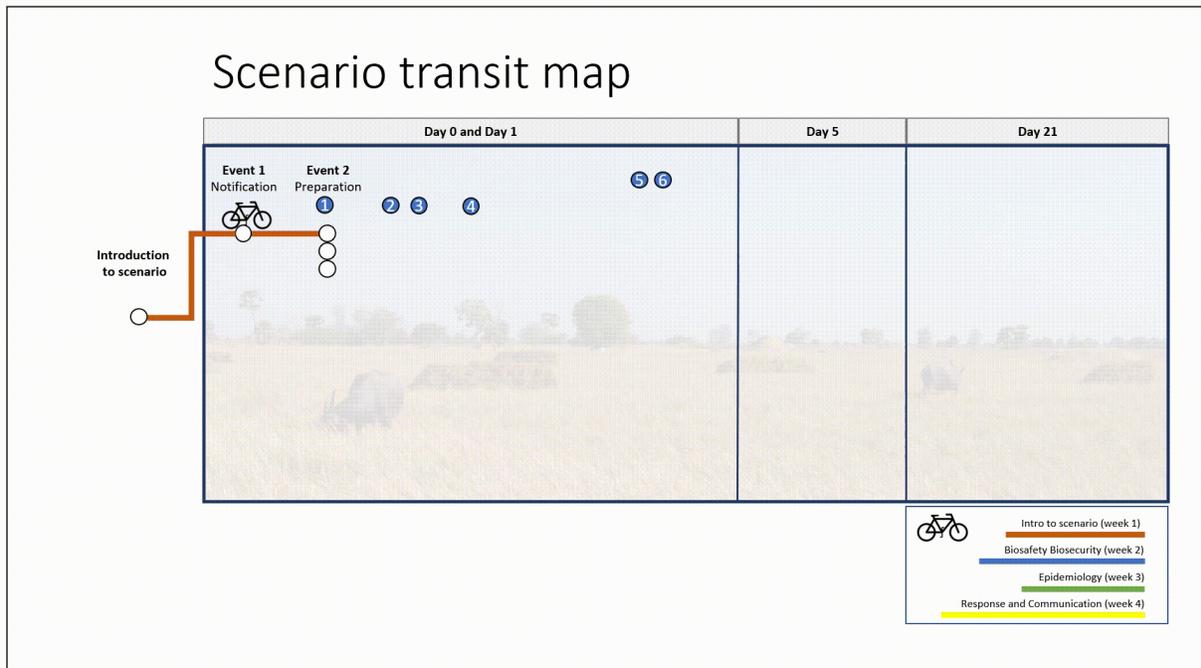


Event 1: Notification

- During lunch, at Waing Aung's place, she serves the best noodle in town, you receive this phone call from Savoet, the VAHW in village A (Day 0)
- *"This morning, 3 farmers asked me to see some sick cattle. In all, out of 16 cattle, 5 were sick with fever, non appetite and three from the same herd were drooling."*
- As Savoet was recently trained on disease surveillance for transboundary animal diseases, he concluded that FMD was a possible cause for these symptoms and thus he is making this call

CONTINUE

Event 2: Preparation for outbreak investigation





"You arrive back at your office after lunch. You call your team and updated them about the call from Savoet, a village animal health worker informing them about a suspected case of FMD in his village A.

You have informed your team to prepare for the field mission. The objective of the field mission is to conduct immediate outbreak investigation".

CONTINUE



“Task 1: How do you prepare for outbreak investigation?”

Post your answer on our week 2 forum. Click [here](#)”

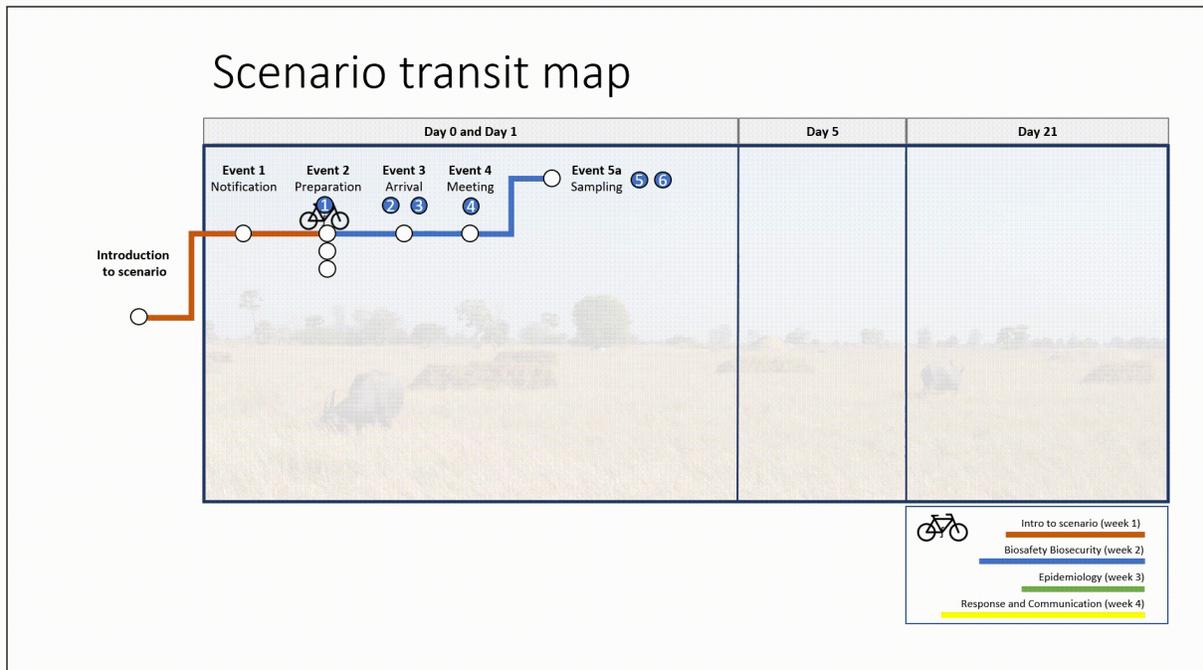
CONTINUE



“Check out this link for recommended [equipment checklist](#).”

CONTINUE

Event 3: Arrival at village A



“ The next day (D1), you travel with your team and arrive at village A and meet the village authorities.

Your team has a briefing session with the village authorities. Now, you have approval from the village head and committee to enter into the village for investigation”.

You had a briefing to the community animal health worker /support staff from the village on the biosecurity plan."

CONTINUE



“Task 2: What actions and key steps would you /team take when you enter and exit the village?”

Post your answer on our week 2 forum. Click [here](#)”

CONTINUE

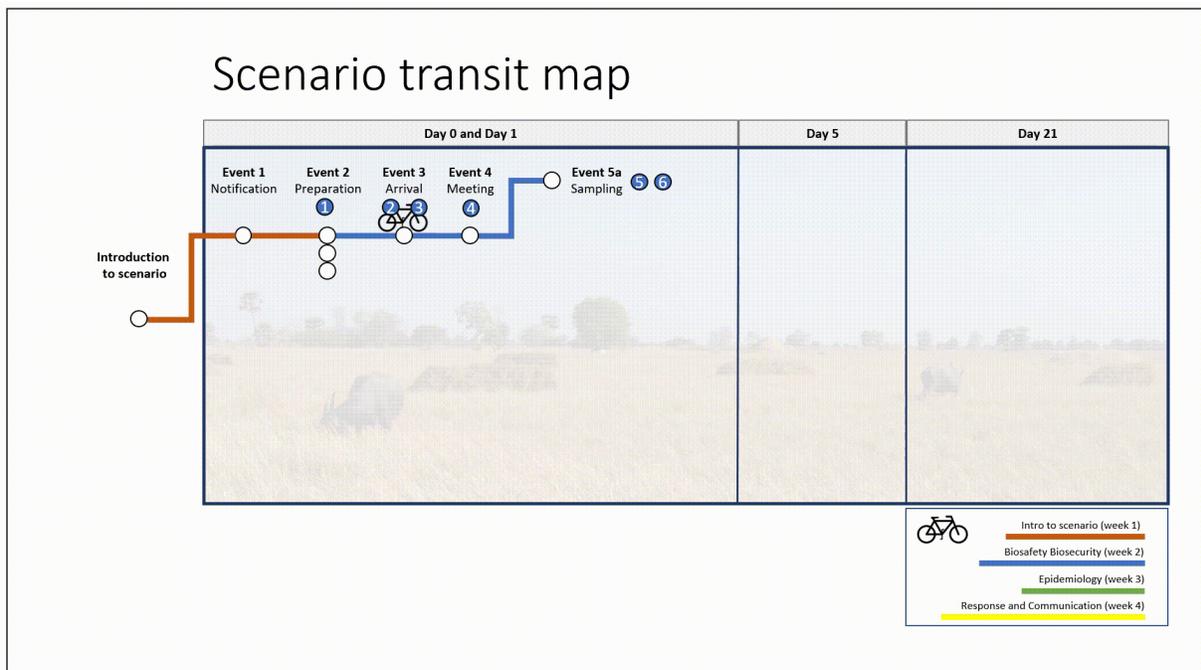


“Task 3: How do you assess the biosecurity measures in place at the visiting farm /village?”

Click to complete the [Situation Analysis lesson](#)”

CONTINUE

Event 4: Meeting village "A" representative



Click ► to play the video record

Event 4: Meeting village A representative



CONTINUE



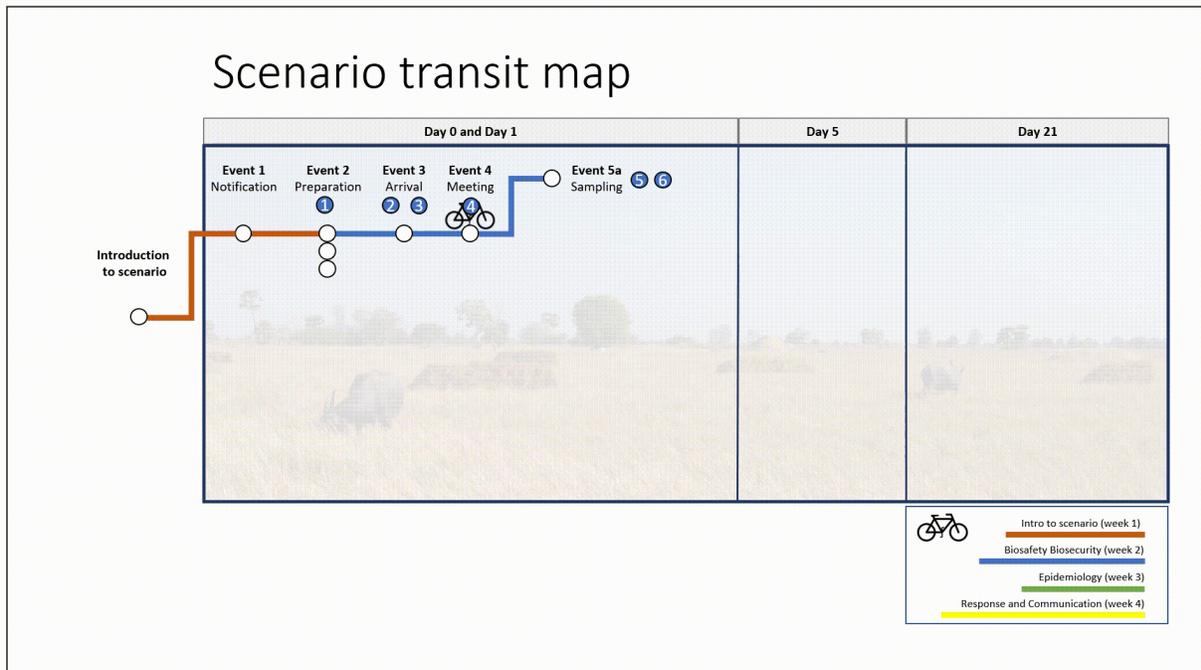
“Task 4: During the field investigation, you would have to visit and go between farms to observe the sick animals and obtain information from the animal owners.

what would be your biosecurity application protocols going from one farm to another within the same village?

Click to watch the [Biosecurity VDO lesson](#)"

CONTINUE

Event 5a: Sampling

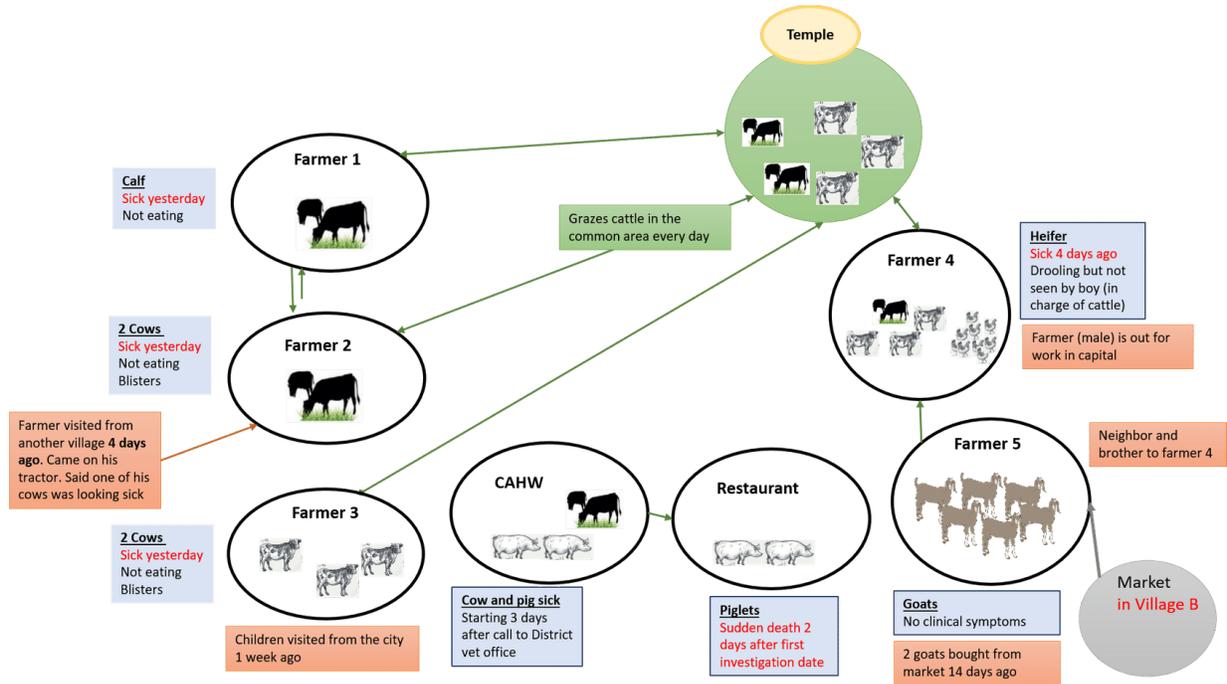


“ Assuming that you have already gathered some background information, the diagram below showing the summary of events that occurred in Village A

From observation of clinical signs of sick animals, you suspected that the animals were infected with Foot and Mouth Disease (FMD)



You can click on the image to "zoom in" for details



“Based on the information gathered from the owner, village animal health worker and examination of the animals, you can determine the phase of FMD to collect appropriate samples

Click to complete the [sample collection lesson](#)”

CONTINUE



“Task 5: What samples would you collect from the animals in Farm 1, 2, 3, 4 and 5 according to the provided diagram?

Post your answer on our week 2 forum. Click [here](#)”

CONTINUE



“Task 6: How do you ensure that the quality samples reached to the laboratory for testing?

Post your answer on our week 2 forum. Click [here](#)”

Congratulations - end of week 2 scenario reached

