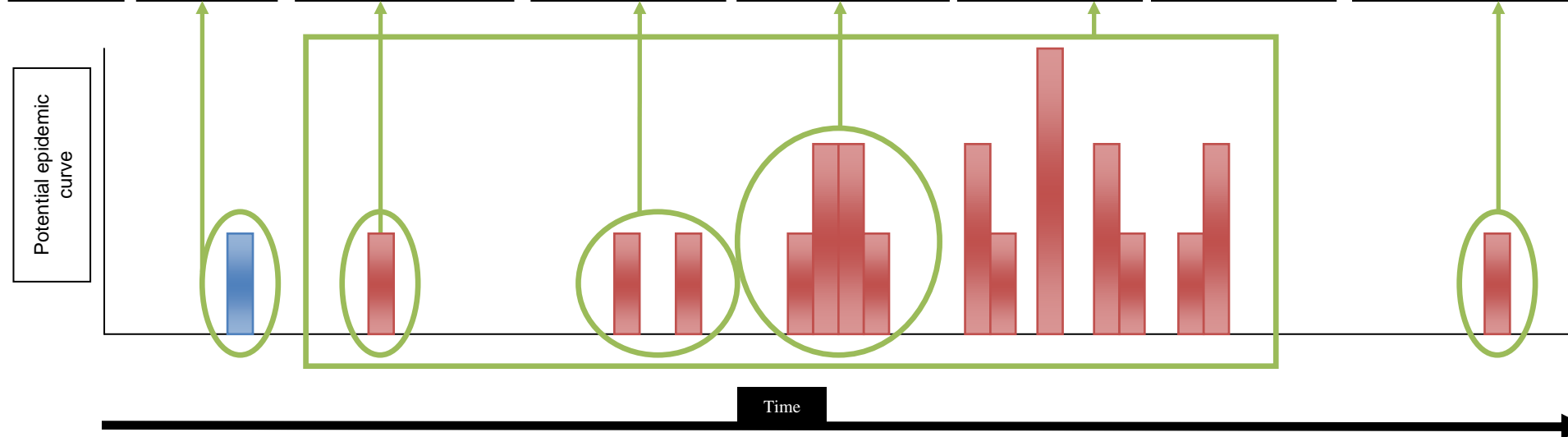


Broad theme	Developing Understanding	Data Collection			Data Management	Data Analysis	Decision support	Developing Comms
Micro	Train/inform staff in necessary epidemiological, environmental and microbiological techniques and of their roles and responsibilities during an outbreak	Perform tests on clinical samples in accredited ref. lab	Convene outbreak control team	Perform relevant tests on samples from environment and cases in accredited ref. lab	Enter results/ data into robust and secure database for storage and potential sharing	Perform relevant tests on samples from environment in accredited ref. lab	Weigh evidence and take action against suspect source	Identify lessons learnt from incident, revise plans/training accordingly Write up report
Env				Perform environmental sampling of potential suspect sites		Perform environmental sampling of suspect sites arising from interpretation of trawling questionnaire		
Epi		Check surveillance reports for possible cluster		Collect trawling questionnaire data from cases. Design analytical study protocol, if necessary for outbreak		Collect study data from cases; analyse and interpret. Consider visualisation with GIS		

Events/ decision points on timeline	Potential Case: Attempt to confirm status of case	Confirmed Case: administer surveillance questionnaire	Additional confirmed cases in locality: create outbreak case definition, administer trawling questionnaire	Additional cases in locality: administer trawling questionnaire until hypothesis is available about source	Are any cases appearing in other member states? Do you need to share data?	Test source hypothesis: administer analytical study questionnaire on cases, if necessary	Late cases: Are cases that occur following positive action on suspect source consistent with expected number, if not iterate through process for new sources.
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Schematic illustration of potential outbreak.

Red bars represent individuals meeting outbreak case definition appearing on each day of response (blue bar is an unconfirmed case). Green boxes and arrows relate cases to likely outbreak control team decision points and events/objectives within the disciplines.