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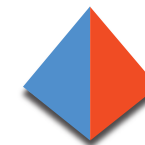
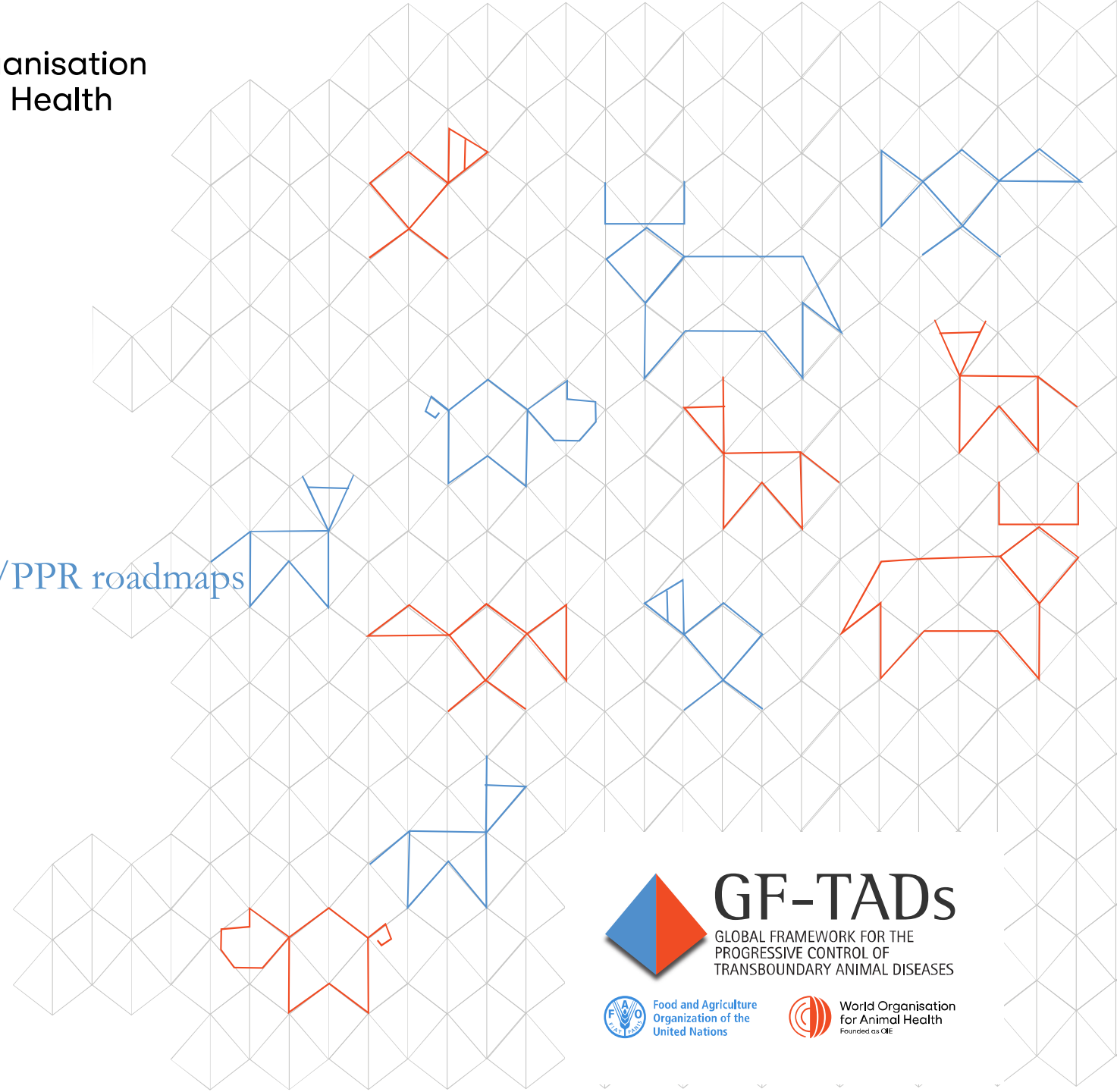
# Report on the FMD situation in *The Lebanese Republic*

Consultative seminar on progress made in FMD/PPR roadmaps  
for East Mediterranean countries  
Beirut-Lebanon  
11-12 September 2022

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## GF-TADS

GLOBAL FRAMEWORK FOR THE  
PROGRESSIVE CONTROL OF  
TRANSBOUNDARY ANIMAL DISEASES



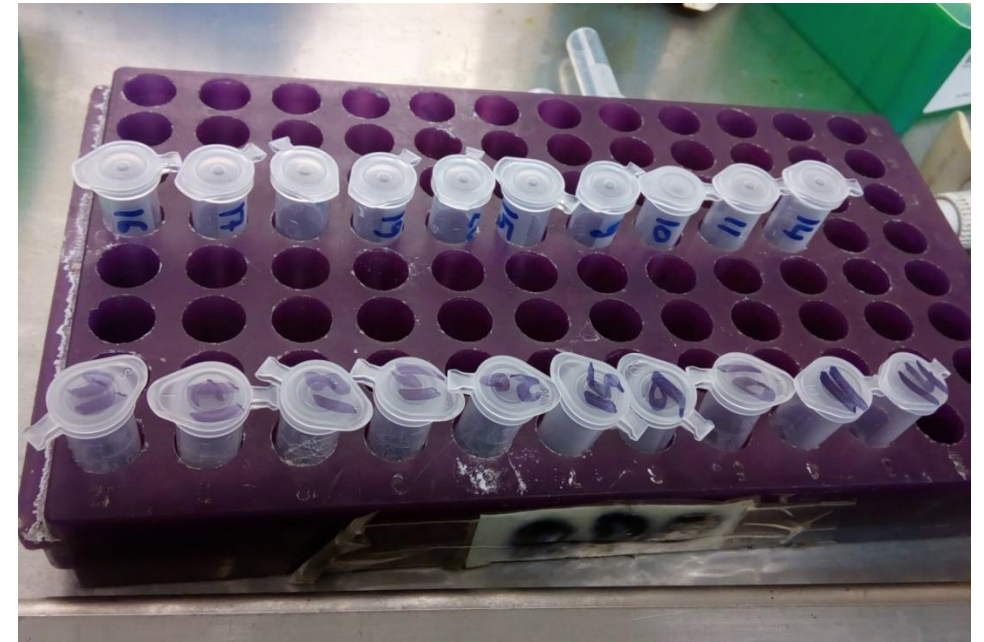
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## Disease situation in the country and progress made in the surveillance and control

- Last detected outbreaks 2010
- Last sero-survey 2020-2021-EuFMD
  - Evaluation of surveillance system, gaps &
  - Redesign of the surveillance and reporting system
  - Project livestock census 2022- FAO
  - Last FMD vaccines, 2021 -200.000 doses- to SR: mostly; Beqaa, Baalbek-Hermel- French Embassy
  - FMD Serotyping in progress- Breccia/Italy + EuFMD
  - PVM study prepared funded by EuFMD
  - Plan of FMD vaccination based last serosurvey results, 2022-WB



Species	Number of targeted animals	Start of campaign	Second dose	Beneficiaries	% of total population
Dairy cattle	<b>76,654</b>	February	August	Household and small farmers	<b>90%</b>
Small ruminants	<b>614,055</b>		No	Farmers raising less than 200 heads	<b>63%</b>

## Challenges faced in the design and implementation of the country's risk-based strategic plan



- Instability of politic and economic situation in the country
- Shortage in official veterinary staff-ARD
- New surveillance and reporting system need review and evaluation
- Lack of fund
- Delay in receiving fund and/or equipment & vaccines-international organizations
- Insufficient laboratories (central & regional)

## Possible solutions and assistance/support needed- Trainings

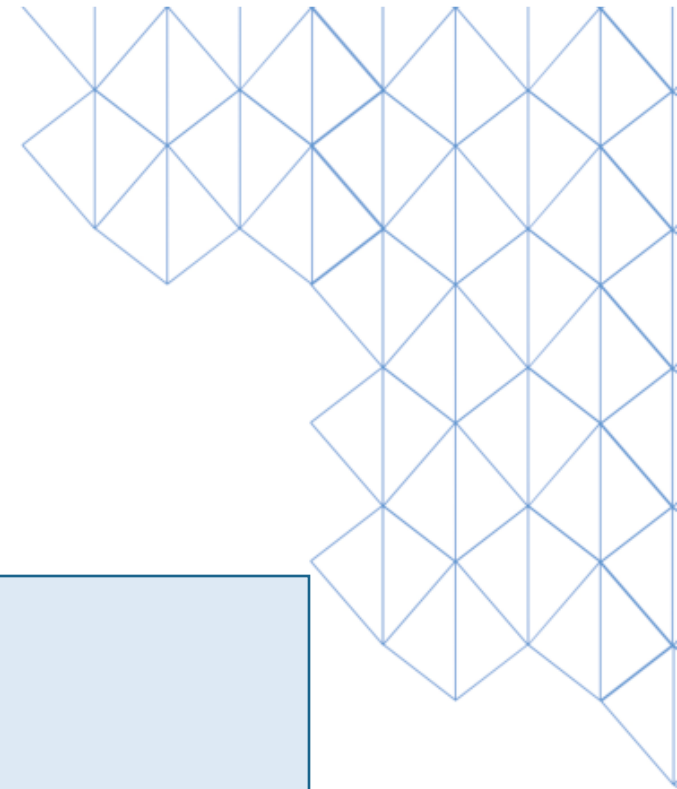
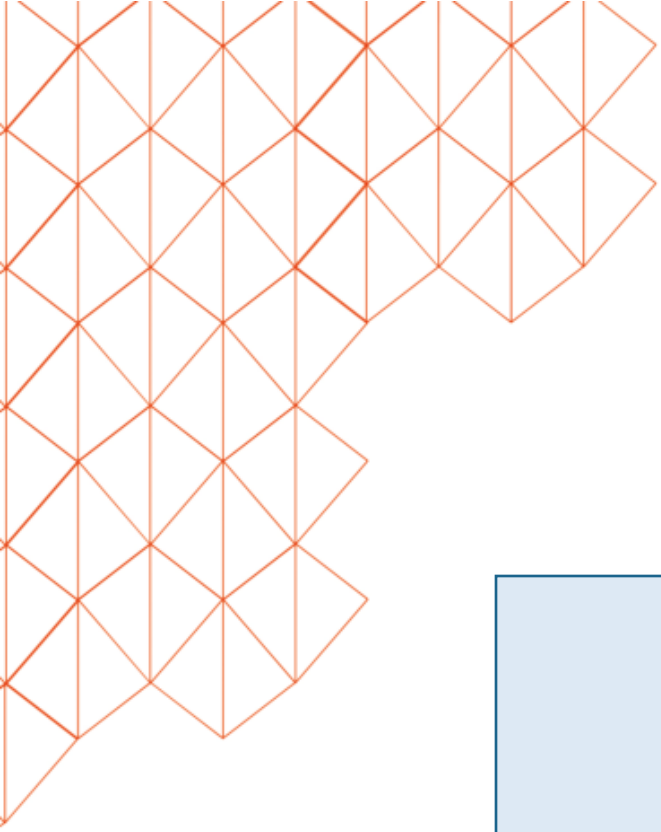
Activity	The expected outcome
Awareness on risk of FMD transmission (milk collection, manure, biosecurity, purchasing animals, smuggling, etc.)	Awareness of stakeholders Decrease FMD incursion
Trainings on FMD clinical signs, differential diagnosis, probang cups use, samples' collection	Increase staff competencies, Trained BIPs' staff on use of probang cups; decrease risk of FMD introduction through legal BPs
Trainings on Surveillance, OI, data collection, GIS	Trained vets, have the capability and the competency to collect data and implement OI and surveillance
Identify stakeholders	stakeholders mapping and involvement in FMD control activities Enhance PPP, to control FMD
Reporting FMD incursion to the ARD/prevention department FMD incidence/outbreaks reporting	Stop the spread of FMDv Awareness of farmers
Risk analysis: Risk assessment, Risk communication, Risk management	Ability of ARD staff to assess the risk of FMD introduction from different sources Experts from ARD staff
Sampling methodologies and sample size	Design sero-surveillance studies for different purposes: detection, prevalence, incidence, etc.

## Possible solutions and assistance/support needed

Activity	The expected outcome
Outbreak investigation	Stop the spread of FMDv Investigate new strains Study the SE impact Vaccines matching studies Study the benefits of FMD control
Carry out surveillance	Update of FMD situation in the country
Value chain analysis	Good understanding of livestock sector (population size, distribution, stakeholders involved, Identify Dairy enterprises, Animal markets, abattoirs, etc.) and movement between different firms Conduct a risk assessment along each value chain
FMDv Vaccines	FMD control, surveillance

## Possible solutions and assistance/support needed

Actions	The expected outcome
Rehabilitation of ARD Lab	Samples' preparation and ELISA test
Establish a central epidemiology department and regional epi units	Design, monitor and evaluate disease control strategies
Manufacturing of probang cups	Samples' collection (detect FMD virus in clinically recovered animals and in carrier state)
Contracting of people from the private sector	Engagement of private sector in FMD control
Network between the central and regional department	Rapid alert for sharing and updating information (farms, abattoirs, dairy enterprises, vaccination campaigns, markets, disease occurrence and outbreaks, etc.)
PPT Title	Click to edit meeting date, place and date



**THANK  
YOU**