



Food and Agriculture
Organization of the
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World Organisation
for Animal Health
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Report on the PPR situation in Jordan



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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The Hashemite kingdom of Jordan

Geographic coordinates

31 00 N, 36 00 E

Area

total: 89,342 sq km

land: 88,802 sq km

water: 540 sq km

Population

10,909,567



Animal Population

Sheep: 3,134,000

Goat: 0,927,673

Cattle:60,000

Camel: 10,873

horses : 3,494

Veterinary services

Veterinarians in MOA 120

Para-vets in MOA 124

60 vet center under 17 directorates

List of Priority Diseases

FMD

PPR

RABIES

BRUCELLOSIS

ANTHRAX

**SGP/ LSD/
Camel pox**

**Bovine
Tuberculosis**

**Avian
influenza**

**New castle
disease**

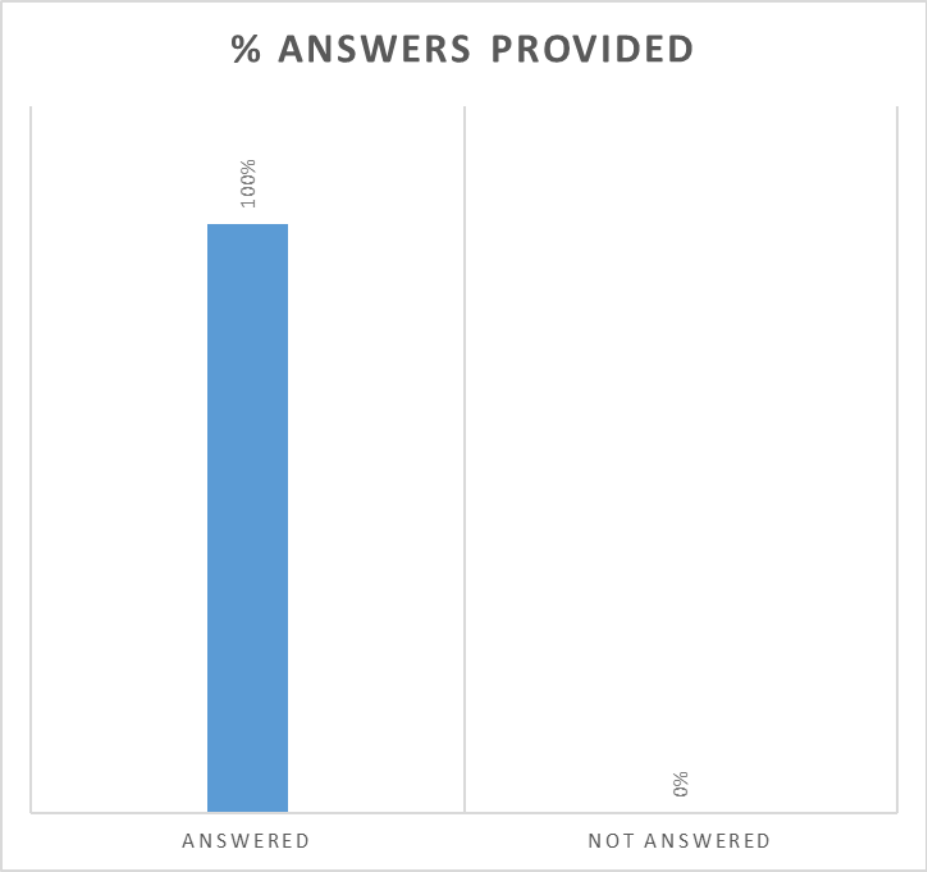
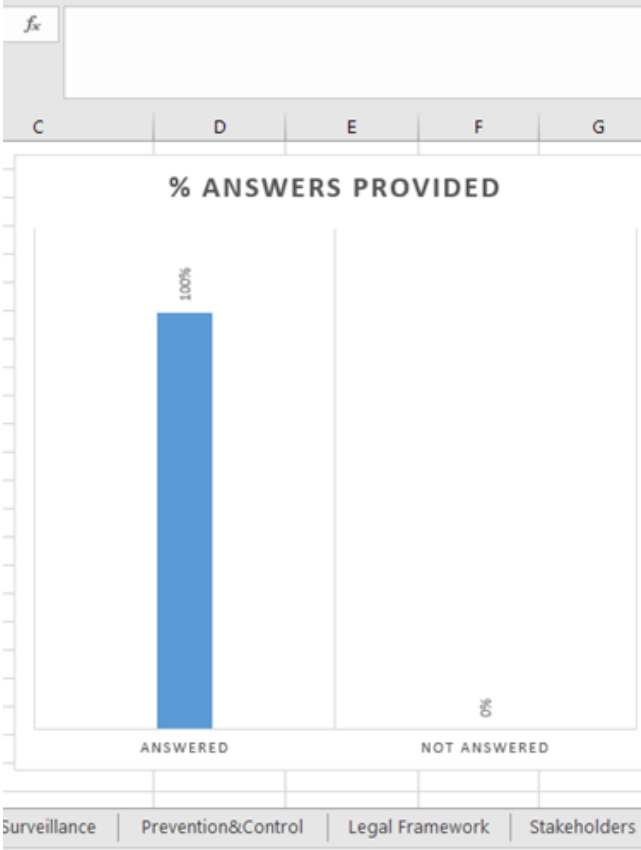
Overview of PPR epidemiological situation in Jordan

- Last reported PPR outbreak in 2006
- There are some outbreaks occurred annually but not been reported
- No information about the disease in wildlife

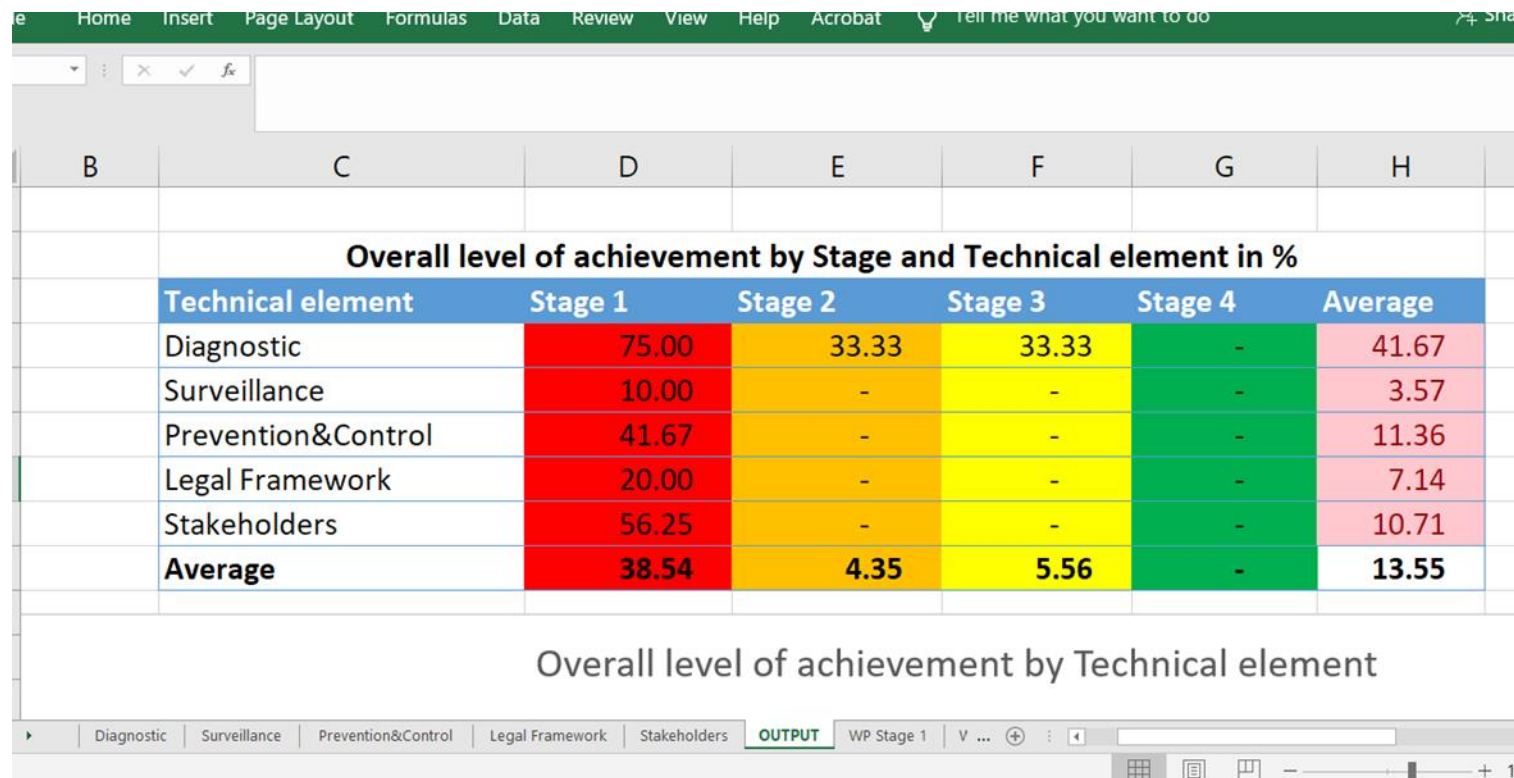
Overview of PPR epidemiological situation in Jordan

- PPR vaccine is currently used in small ruminants annually (at age 3 months then annually)
- Pestevac which is locally produced ► attenuated homologous live vaccine (strain PPR Nig 75/1)
- Vaccination against PPR in Jordan: 1,665,138 animals were vaccinated in 2021.

Results from filling in the Revised PMAT 2021, 2022



Overall level of achievement by stage and technical element in % (2021)



The screenshot shows an Excel spreadsheet with the following table:

Overall level of achievement by Stage and Technical element in %						
Technical element	Stage 1	Stage 2	Stage 3	Stage 4	Average	
Diagnostic	75.00	33.33	33.33	-	41.67	
Surveillance	10.00	-	-	-	3.57	
Prevention&Control	41.67	-	-	-	11.36	
Legal Framework	20.00	-	-	-	7.14	
Stakeholders	56.25	-	-	-	10.71	
Average	38.54	4.35	5.56	-	13.55	

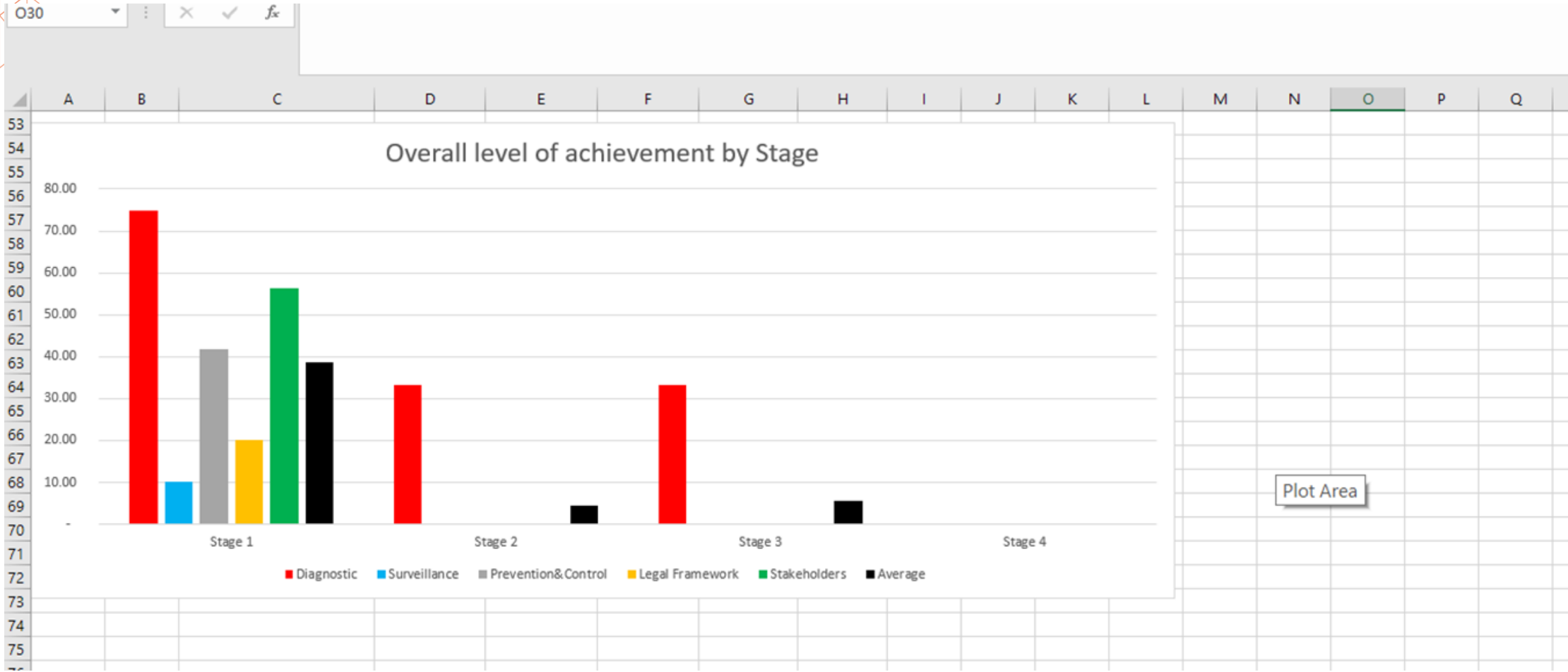
Below the table, the text "Overall level of achievement by Technical element" is visible. The spreadsheet interface includes a ribbon with tabs for "Diagnostic", "Surveillance", "Prevention&Control", "Legal Framework", "Stakeholders", "OUTPUT", "WP Stage 1", and "V ...".

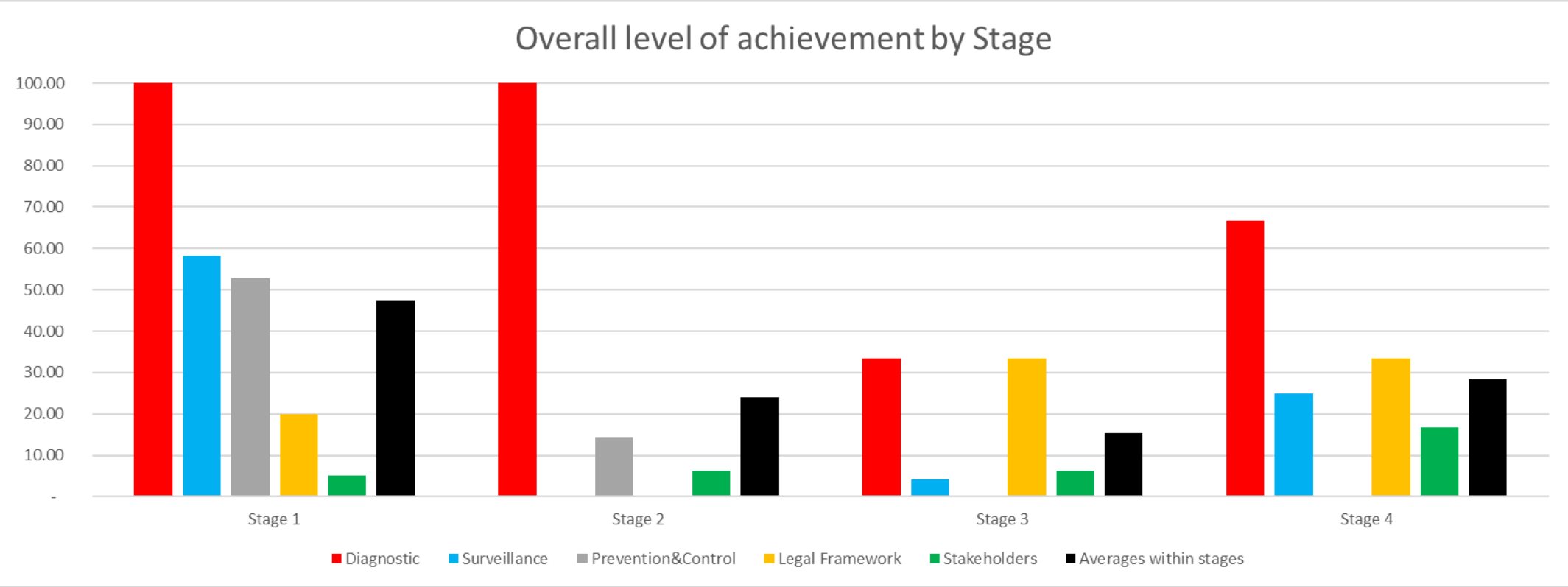
Overall level of achievement by stage and technical element in % (2022)

Overall level of achievement by Stage and Technical element in %

Technical element	Stage 1	Stage 2	Stage 3	Stage 4	Averages across stages
Diagnostic	100.00	100.00	33.33	66.67	75.00
Surveillance	58.33	-	4.17	25.00	21.88
Prevention&Control	52.77	14.29	-	-	16.76
Legal Framework	20.00	-	33.33	33.33	21.67
Stakeholders	5.00	6.25	6.25	16.67	8.54
Averages within stages	47.22	24.11	15.42	28.33	

OUTPUT (2021)





- Jordan was placed At **stage 1** of the PPR Strategy stepwise approach following the self-evaluation using the **revised PMAT 2021**.
- Jordan is placed At **stage 1** of the PPR Strategy stepwise approach following the self-evaluation using the **revised PMAT 2022**.
- **there were enhancements in different technical elements, but the overall average % for stage 1 has to reach 80% or more**

Strengths

- PPR is a notifiable disease (second top disease, after FMD)
- Vaccine locally produced vaccines from (JOVAC)
- Collaboration with FAO now
- Establish a national committee for PPR
- PMAT2 Has been filled by the committee and discussed with FAO on 9 June 2022
- Plan has been developed to work on steps regarding PPR
- EIDSS
- Project with FAO and RVC on FETP (case study on PPR)

Strengths

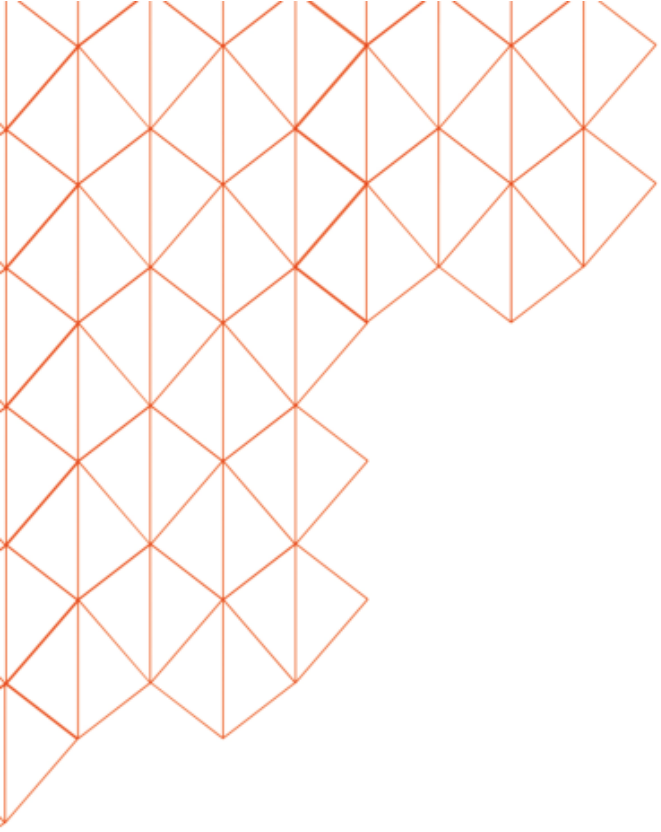
- In Jordan there is one central national laboratory for the diagnosis of PPR(animal wealth veterinary laboratory) which is in the capital
- Virology unit that is responsible for viral disease diagnosis with fully qualified staff.
- There is an ELISA test for ppr and PCR test too
- There is a legal framework that includes PPR as one of the notifiable diseases

Gaps

- There is a need to improve surveillance
- There is an expertise gap in epidemiology
- Vaccination is irregular
- No postvaccination monitoring
- No value chain analysis has been done
- No national strategic plan
- No specific regulation for PPR
- The national PPR committee doesn't have different stockholders

Priorities

- PPR national control plan
- PPR-specific regulation
- Epidemiologist
- value chain analysis
- Socio-economic study
- Stockholders at the national PPR committee



THANK YOU

Thank you

