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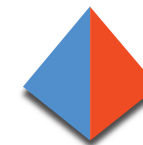
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1st GF-TADs Regional Conference in the European region

PPR Situation in Türkiye

Veterinary Control Central Research Institute

(Dr. Sabri HACIOGLU) 22-25/September/2025, Belgrade, Serbia



GF-TADs

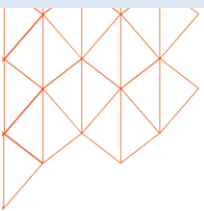
GLOBAL FRAMEWORK FOR THE
PROGRESSIVE CONTROL OF
TRANSBOUNDARY ANIMAL DISEASES



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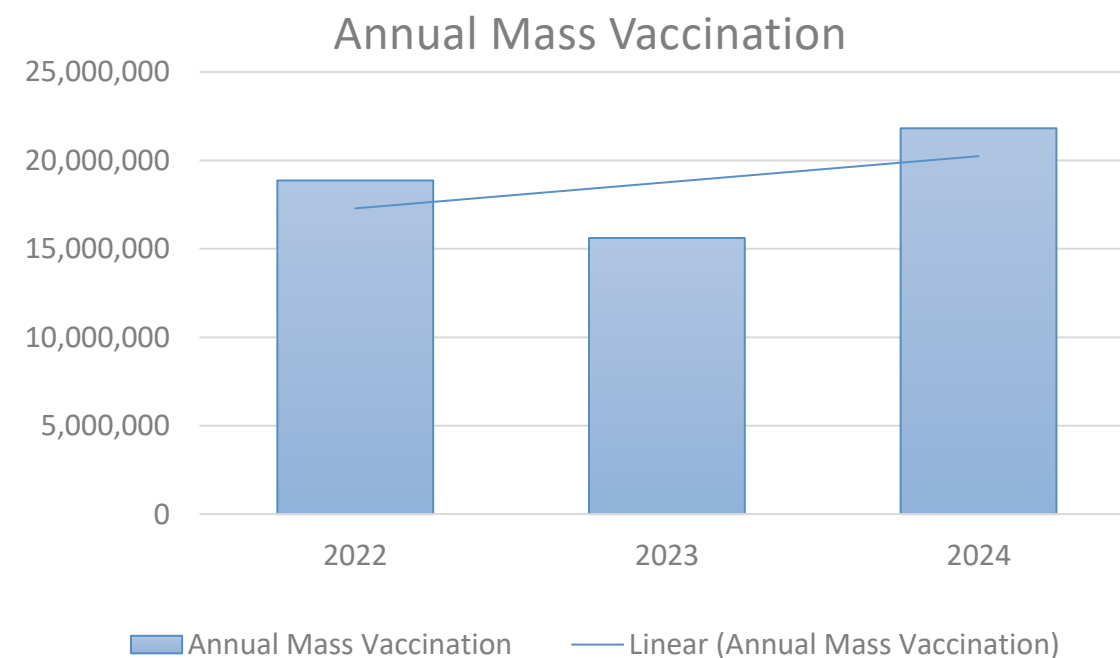


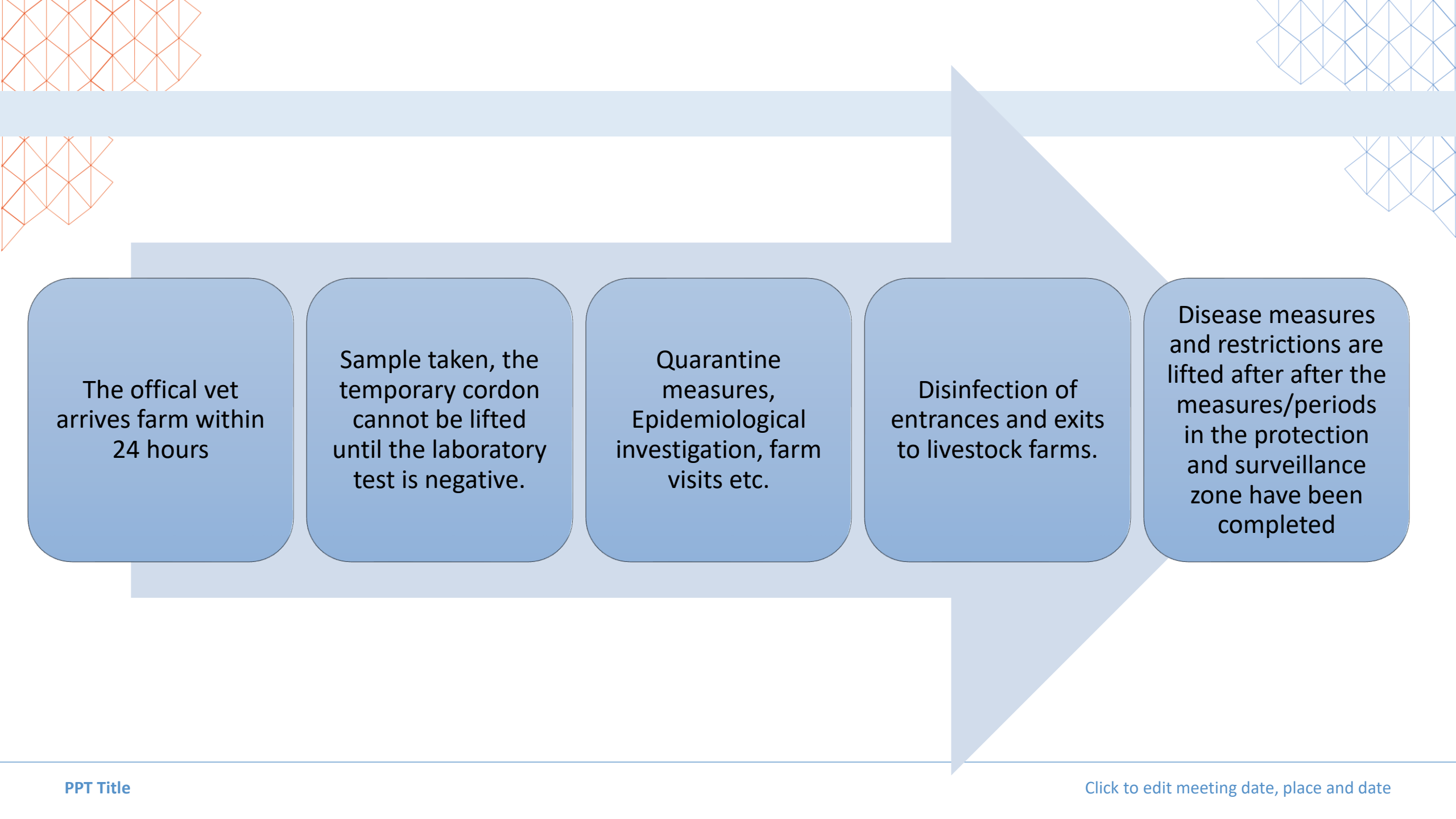
- *PPR has been included in the list of notifiable diseases since 1997.*
- *All newborns are vaccinated every year in Anatolia*
- *Every year in Anatolia, we did **post-vaccination monitoring** in each city.*
- *Animals that have not been vaccinated **cannot be moved** to another province *and the health certificate is not issued by the competent authority**
- *The PPR vaccine was produced by Veterinary Control Central Research Institute and two private companies (Nigeria 75/1 strain)*

Surveillance Systems

- Passive Surveillance
 - It is carried out mostly by farmers, private and public veterinarians when dealing with animals.
- Active Surveillance
 - Post Vaccination Monitoring and baseline sero-monitoring (95% confidence interval)
 - Wild life surveillance in two provinces of Türkiye (Afyon and Konya – randomly chosen mouffloons) in 2021.
- Clinical Surveillance
 - We conducted clinical surveys in Thrace after the outbreaks in Europe and no clinical findings of PPR were detected.
 - PPR Clinical Surveillance is routinely carried out 4 times a year. However, after the outbreaks in Europe, the surveillance numbers were increased in the border villages.

- PPR is diagnosed by 8 veterinary control institute and confirmed by the national reference laboratory (VCCRI) according to 17025 laboratory accreditation. Suspect PPR samples are sent rapidly (12-24 hours) to the regional institute and results are available the same day in the field.
- Proficiency testing is carried out annually within the country and the reference laboratory participates internationally (WOAH).





The official vet
arrives farm within
24 hours

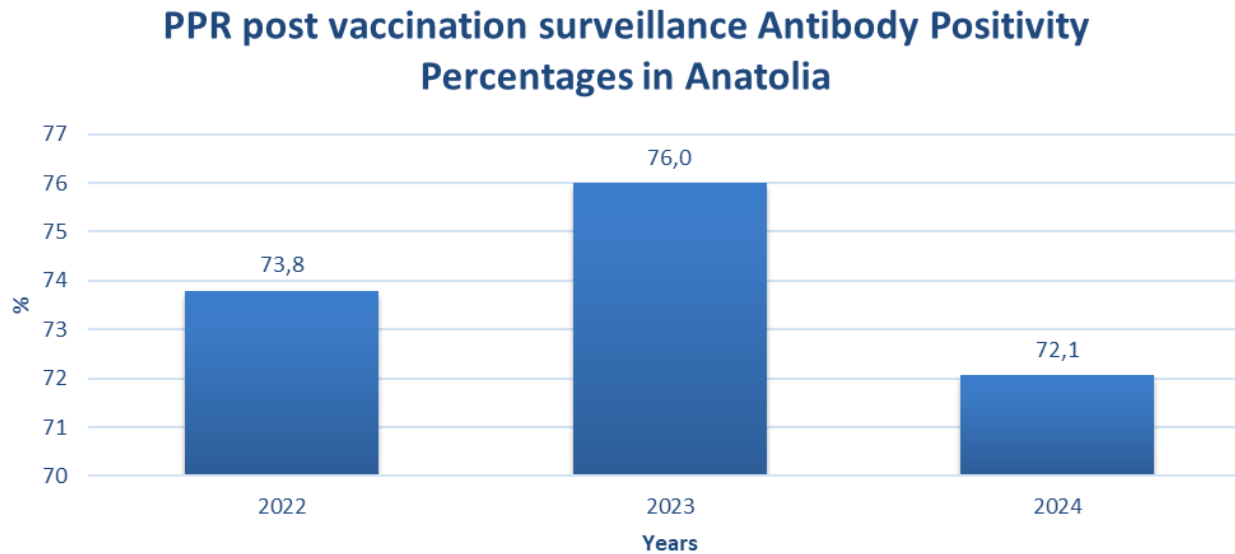
Sample taken, the
temporary cordon
cannot be lifted
until the laboratory
test is negative.

Quarantine
measures,
Epidemiological
investigation, farm
visits etc.

Disinfection of
entrances and exits
to livestock farms.

Disease measures
and restrictions are
lifted after after the
measures/periods
in the protection
and surveillance
zone have been
completed

Serosurveys



- Every year, serosurveys are organised.
- **Sero-monitoring (Thrace)** in 2022,2023,2024
 - We collected serum samples from animals aged 3 to 12 months.
 - Around 1000 SR and 600 Cattle : **No seropositivity**
- Post-vaccination monitoring (Anatolia) ~ 4,600 SR

Risk-based PPR vaccination strategy and outcomes

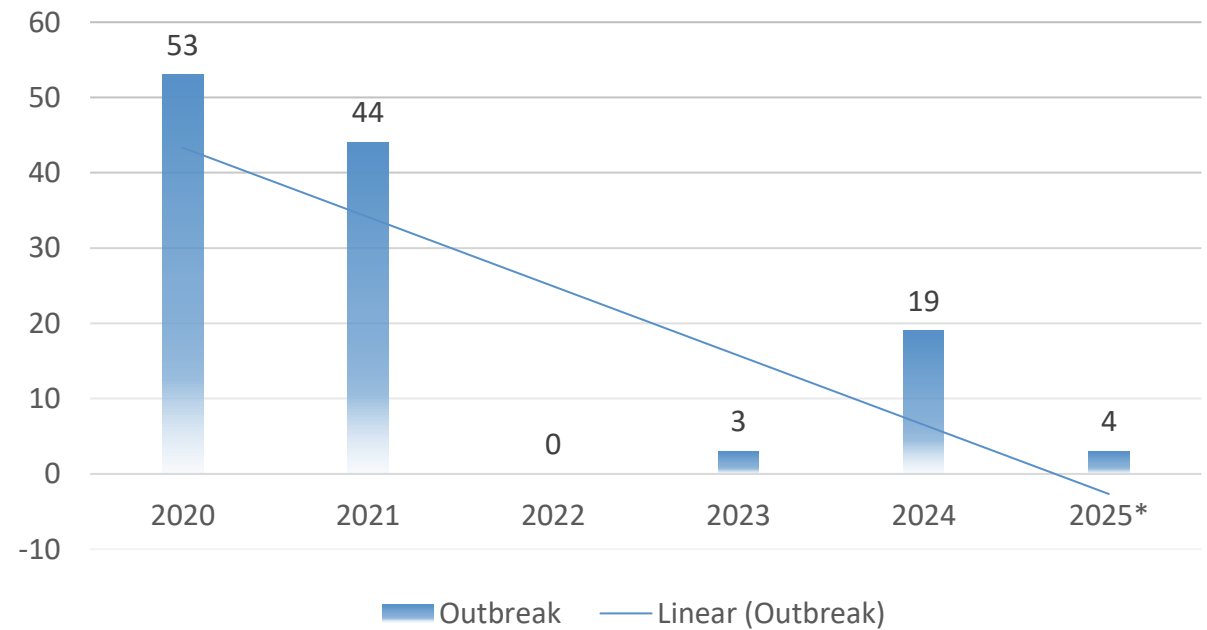
Risk Criteria	Risk Score
If an outbreak has occurred every year in the last 5 years	8 point
If an outbreak has occurred every year in the last 4 years	7 point
If an outbreak has occurred every year in the last 3 years	6 point
If an outbreak has occurred every year in the last 2 years	5 point
If an outbreak has occurred in 2021	4 point
If the animal movements are intense according to system	3 point
If the number of livestock market more than 2	2 point
If it is a Transition Zone for animal movements	1 point
If vaccination coverage is under %85 for last 5 years	1 point
If the herd Immunity in Serosurveys is under %80	1 point
If the small ruminant number is more than 700.000	1 point
Score	Level of Risk
8 and more	Very High risk
Between 4 (include) and 8 (not include)	High Risk
Between 1 (include) and 4 (not include)	Low Risk
0	Very Low Risk

PPR RISK EVLUTION FOR VACCINATION OF ANIMALS															
City	Risk score for PPR cases					Number of Animal Moveme nt	Number of livestock market	Transition Zone	Vaccinatio n covarege of Last 5 years	Herd Immunity in Serosurv eys	Small ruminant populatio n	Risk Score	Level of Risk	Animal Number	Vaccinati on Number for Next Year
	Outbreak in 2021	Case in the last 2 years	Case in the last 3 years	Case in the last 3 years	Case in the last 5 years										
ANKARA	8					3	2	1			1	15	Very High risk	2.238.072	2.238.072
AFYONKARAHISARI	6					3	2	1		1	1	14	Very High risk	1.353.019	1.353.019
KONYA	8					3	2				1	13	Very High risk	3.034.420	3.034.420
MANİSA	7					3	2				1	12	Very High risk	1.156.842	1.156.842
ESKİŞEHİR	4					3					1	7	High risk	1.335.330	1.335.330
BURSA	4						2				1	6	High risk	712.484	712.484
DENİZLİ	8						2				1	10	Very High risk	801.540	801.540
AYDIN							2					2	Low risk	354.175	174.157

PPR Status

- No outbreak in Thrace since 2013
- The vaccination ceased in 2021 and the region was declared as a protection zone within the scope of getting free status

OUTBREAKS

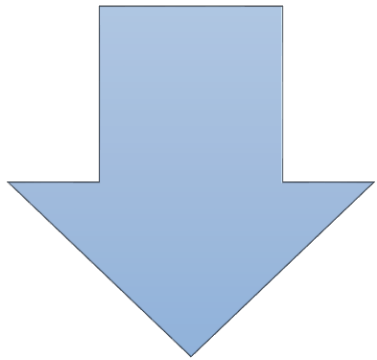


THRACE SITUATION

- We applied for Free Status of Thace the last year but there are one important challenge:
- The vaccinated SRs are moving from Anatolia during Kurban Festival (Sacrifice Festival). They are in quarantine before the movement. All of the animals were slaughtered during the Festival, and none of them moved in Thrace during this time.
- The Ministry controls these SRs and they all have ear tags. Without a health certificate, none of the animals could move. So, the animals are being controlled by official veterinarians, and all of the animals that were slaughtered in these days



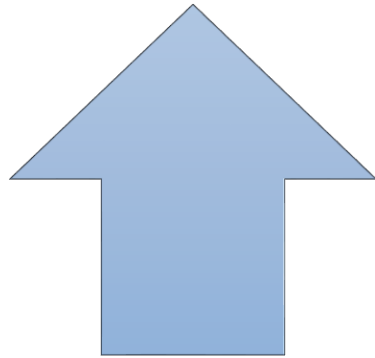
Challenge



Due to PPR in Europe, SRs cannot be imported into Thrace.



Since vaccinations have been carried out in Anatolia, it is requested that animals not be moved to Thrace during the Festival



OFFERS



- Only animals to be sacrificed are allowed to enter Thrace during the festival.
- There are not enough animals in Thrace for the Festival.
- We plan to reapply if the scientific community offers options that allow animals to move safely during the festival.



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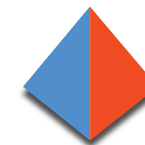
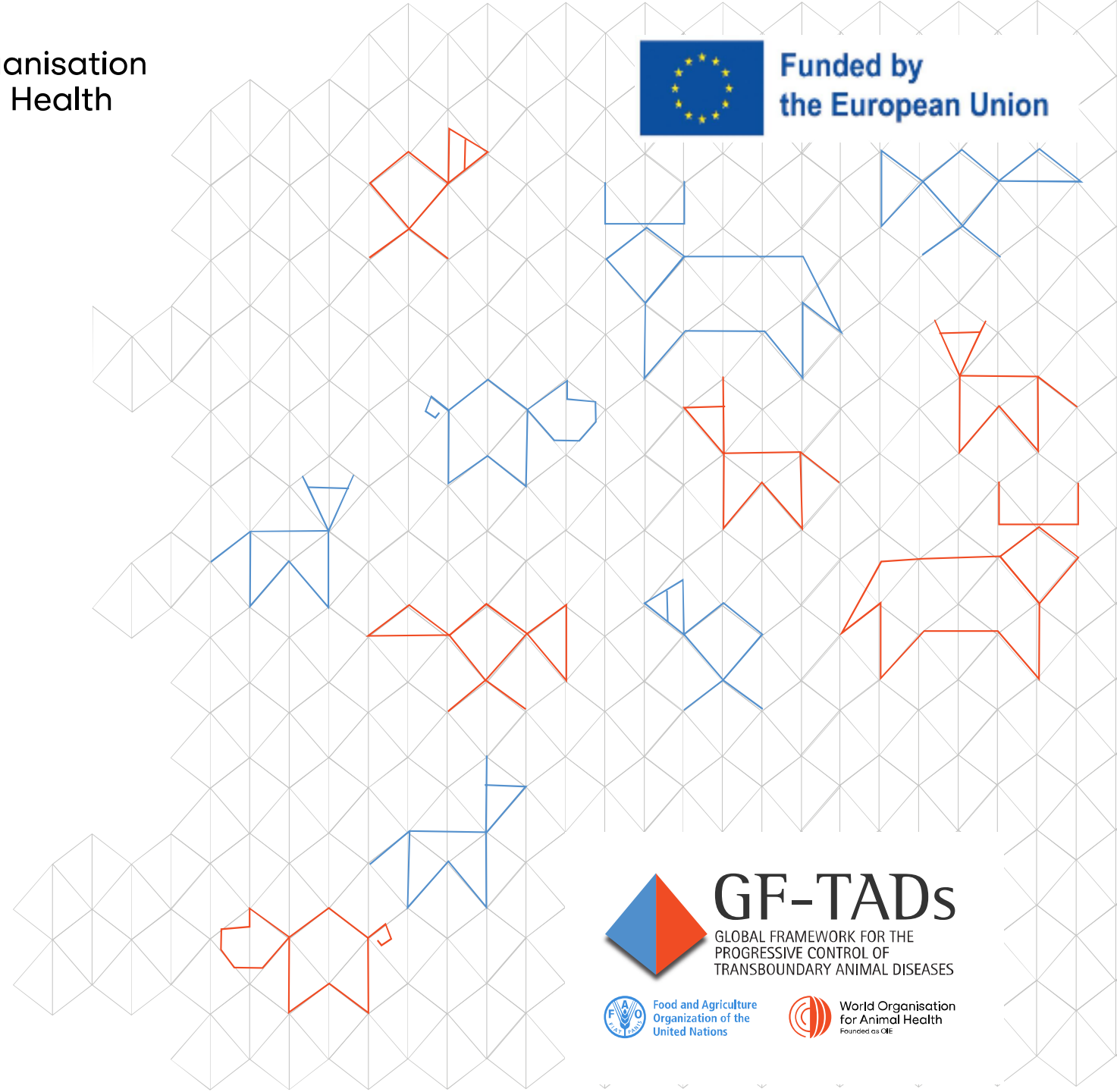


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THANK YOU



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