



Organisation mondiale  
de la santé animale  
Fondée en tant qu'OIE



# REMESA and Scientific and Technical Office (STOR) Role and relevant planned activities

Workshop on long-distance transport by land and sea  
between Europe, the Middle East  
and North Africa

Second Multi-regional Whole Journey Scenario (WJS)

7-9 November 2023, Tunis

*Cristina Casalone, Scientific Director, STOR REMESA*  
*Presented by Francesco Valentini, WOAHSRR-NA (REMESA Secretariat)*



World  
Organisation  
for Animal  
Health

Organisation  
mondiale  
de la santé  
animale

Organización  
Mundial  
de Sanidad  
Animal

# ReMeSA



Food and Agriculture Organization  
of the United Nations

## Réseau Méditerranéen de Santé Animale



- In **2009**, CVOs from 10 countries of the Western Mediterranean region (Algeria, Egypt, Spain, France, Italy, Libya, Morocco, Mauritania, Portugal, Tunisia) decided to create a **common framework for cooperation in the prevention and control of transboundary animal diseases in the Mediterranean area.**



- In **2014**, other 5 countries (Malta, Cyprus, Greece, Jordan and Lebanon) joined the network.





World  
Organisation  
for Animal  
Health

Organisation  
mondiale  
de la santé  
animale

Organización  
Mundial  
de Sanidad  
Animal

# ReMeSa



Food and Agriculture Organization  
of the United Nations

## Réseau Méditerranéen de Santé Animale



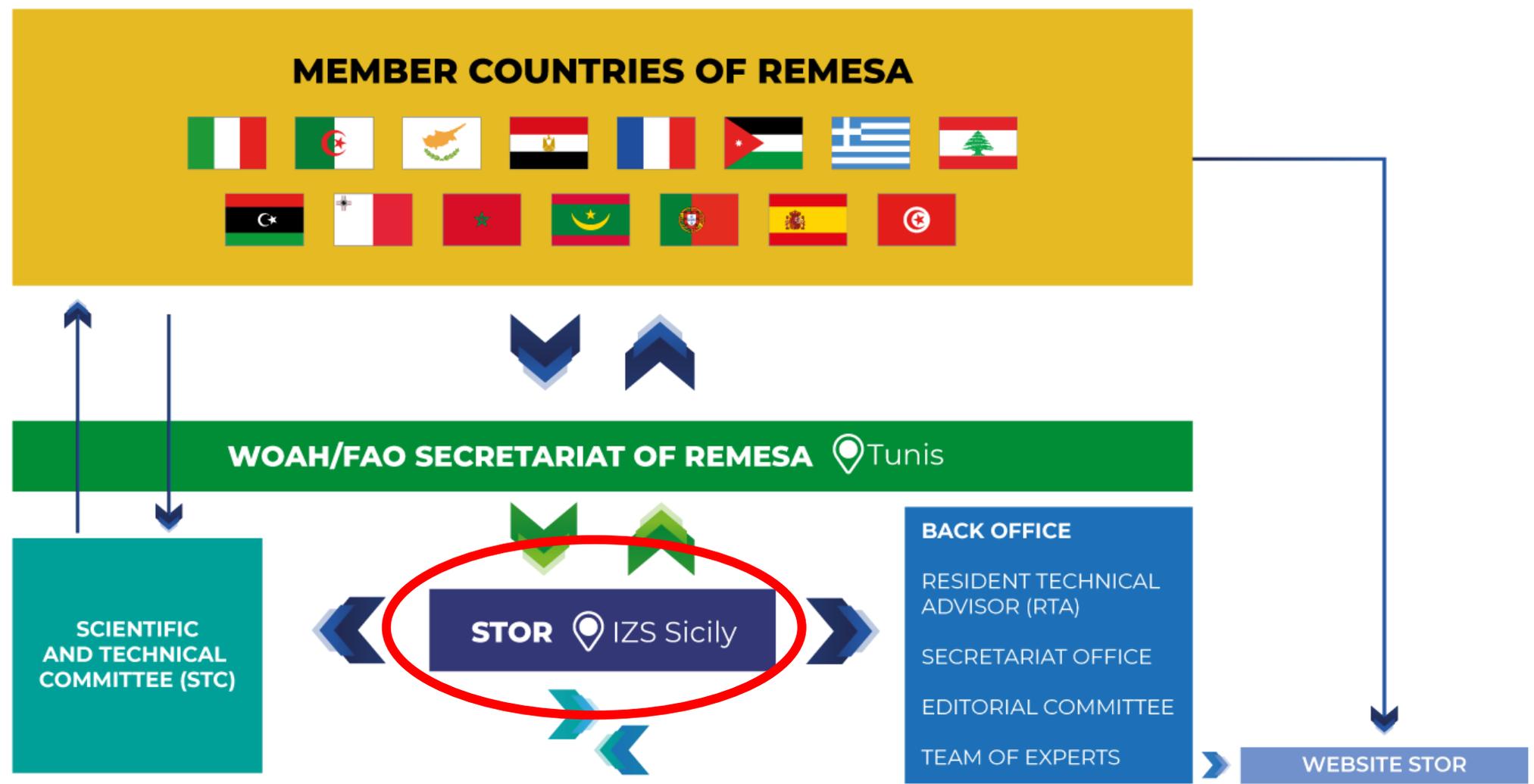
*To ensure that northern and southern Mediterranean countries work together to improve early diagnosis, epidemiological surveillance and the fight against major cross-bordering diseases.*

**REMESA**  
Mediterranean Animal Health Network





# STRUCTURE OF THE NETWORK



REMESA  
(Sub-networks)

- REPIVET
- RELABSA
- RESEPSA
- RECOMSA

SCIENTIFIC  
AND TECHNICAL  
COMMITTEE (STC)

STOR IZS Sicily

BACK OFFICE  
RESIDENT TECHNICAL  
ADVISOR (RTA)  
SECRETARIAT OFFICE  
EDITORIAL COMMITTEE  
TEAM OF EXPERTS

WEBSITE STOR



# STOR – Scientific and Technical Office of ReMeSa



**The STOR was created  
in 2019  
during the 18<sup>th</sup> JPC  
meeting**

The STOR backoffice is located in Palermo and hosted at the Istituto Zooprofilattico Sperimentale of Sicily.





# STOR – Scientific and Technical Office of ReMeSa

**STOR is an international tool for  
REMESA members and works under  
the coordination of the WOAH-FAO  
REMESA Secretariat**



The STOR implements the strategies of the Member States of REMESA supporting the **communication, networking, and scientific research** in order to create a strong protection system against possible emerging threats.



# STOR – Scientific and Technical Office of ReMeSa

## Terms of Reference

- **To conduct** **technical programs** for developing and reinforcing the role of REMESA
- **To facilitate** the **cooperation** between research centers, laboratories and universities of REMESA member countries
- **To reinforce** and **coordinate** the **scientific programmes** and measures to prevent and fight against transboundary animal diseases (**TADs**) and **zoonosis** by transferring knowledge and capacities
- **To ensure** activation of the REMESA **website**



# STOR



**Dr. Salvatore Seminara**  
*Administrative Director*



**Dr. Cristina Casalone**  
*Scientific Director*



**Dr. Guido Ruggero Loria**  
*IZS SICILIA*  
*Scientific Coordinator*



**Dr. Hany Ahmed**  
*Senior Veterinarian*



**Dr. Elena Bignardelli**  
*Junior Veterinarian*



**Dr. Silvia Diana**  
*Administration*



**Dr. Maria Daniela Costantino**  
*General and legal affairs*

REMEMSA



Tunis

## BACK OFFICE

RESIDENT TECHNICAL ADVISOR (RTA)

SECRETARIAT OFFICE

EDITORIAL COMMITTEE

TEAM OF EXPERTS

WEBSITE STOR

(S

R

R

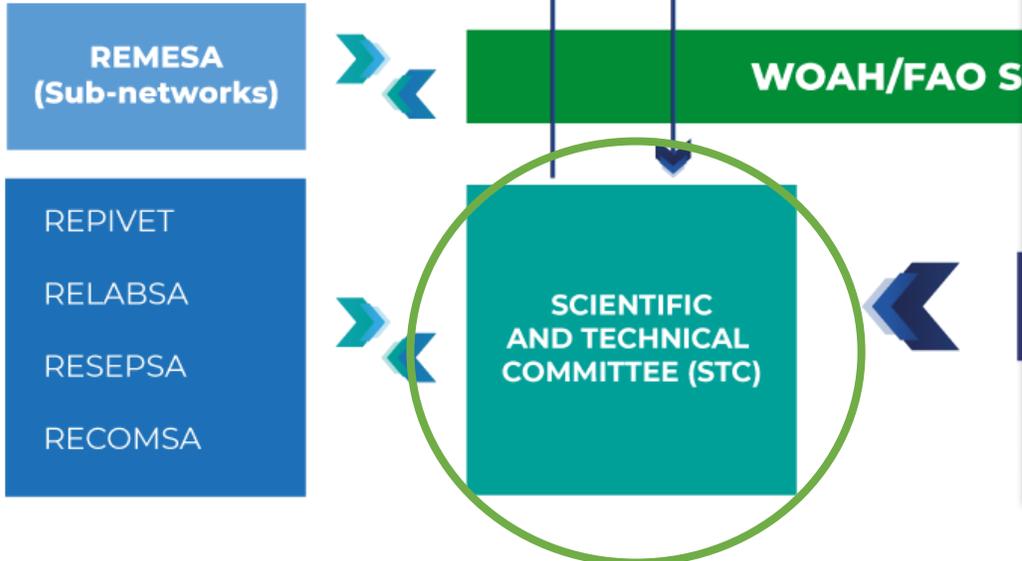
R

R

RECOMSA

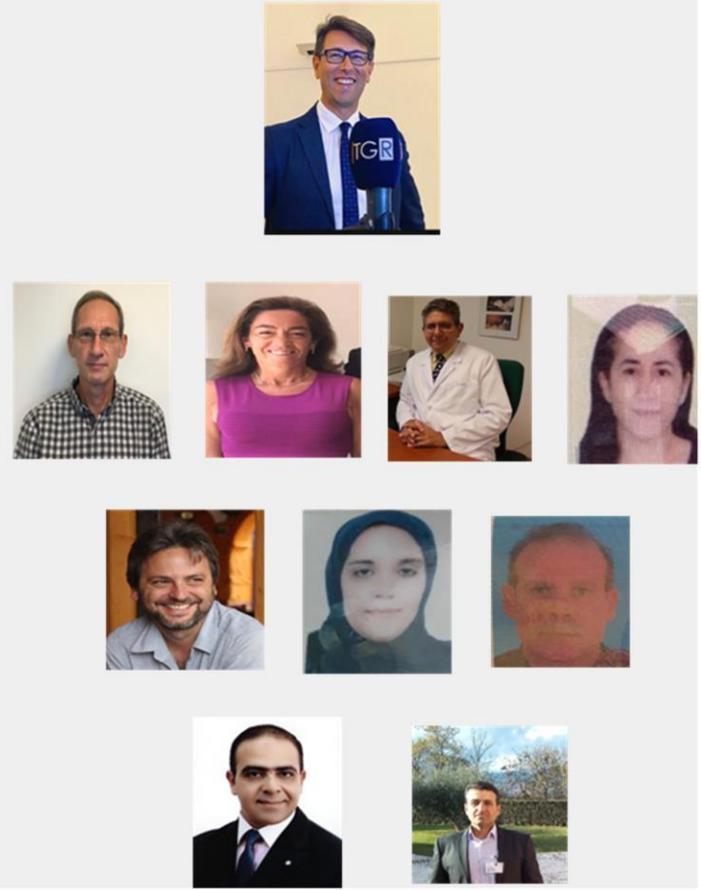
## BEST COUNTRIES OF REMESA

**The STC is the operational liaison between the STOR and the CVOs of REMESA member countries and sets priorities and scientific strategies**



### MEMBERS:

- Dr. Nicola D'Alterio (Coordinator- Italy)
- Dr. Thomas Balenghien (France)
- Dr. Ana Caria Nunes (Portugal)
- Dr. Manuel Duran Ferrer (Spain)
- Dr. Hafsa Madani (Algeria)
- Dr. Stéphan Zientara (France)
- Dr. Roukaya Khorchani (Tunisia)
- Dr. Khayli Mounir (Morocco)
- Dr. Ahmed Hany Mohamed Fathy (Egypt)
- Dr. Majed Hazza Alhawaosha (Jordan)





Scientific and Technical Office of REMESA (STOR)  
Istituto Zooprofilattico Sperimentale della Sicilia  
Via Gino Marinuzzi 3 - 90129 Palermo



---

# REPORTING YEAR 2022 AND PLANNING YEAR 2023-2024

## *STOR REMESA*

---

# ROADMAP STOR ACTIVITIES FOR 2023 -2024

2022



19 April 2022

The needs and priorities of the REMESA member countries were discussed

*A Questionnaire* proposed to each STC member, in order to highlight their main interests



28 June 2022

Three main points emerged:

- formulation of two project proposals on **VBD** and **animal movements**
- **Training courses** required by each member country
- **STOR WEBSITE.**



29-30 June 2022

Recommendations:

- Formulation of two projects on VBD and animal movements
- Map of existing country capacities
- Nomination of STC experts



14 December 2022

Presentation of STOR **General Strategy** for 2023-24.

**Activities to achieve the targets of STOR 2023-2024**

- 1- Improve professional skills and experience of veterinarians in REMESA countries
- 2- Strengthen communication
- 3- Scientific cooperation



# ACTIVITIES 2023-24



## 7 THEMATIC AREAS:

EPIDEMIOLOGICAL SURVEILLANCE



ANIMAL WELFARE



AMR



CLIMATE CHANGES



BIO-RISK MANAGEMENT



AQUATIC ANIMAL HEALTH



TRANSBOUNDARY ANIMAL DISEASES



# ACTIVITIES 2023 -2024

## 8 Webinars

1 per year for each thematic area

## 1 Training Workshop

1 week in presence, for representatives of each member country. It will be hosted in one of the European institutes.

## 1 on-line intensive workshop

per year. The training will be organized for 1 month (once/week).

## 4 Scholarships

4 short stage (1-2 weeks) for master/PhD students from African countries. for 1-2 weeks in one of the European institutes.

## 1 Conference

per year. international conference

# SCHEDULED TIMETABLE - PROPOSED ACTIVITIES FOR 2023

Activity	Thematic Area	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
<b>WEBINARS</b>	Vector Born Diseases: Rift Valley Fever			✓									
	Food frauds: ensuring food safety and authenticity					✓							
	Biosafety in Diagnostic Laboratories						✓						
	BlueT Hemo									✓			
	Aquaculture systems improvement										2024		
	Bruce											COMING SOON	
	TSE: animal meals											2024	
Vector Entomological surveillance	diseases											2024	
<b>TRAINING WORKSHOPS</b>	Rabies control and Animal Welfare									✓			
<b>ONLINE INTENSIVE COURSE</b>	Animal Welfare in Animal Trades (Europe, North Africa and Middle East)											2024	
<b>CONFERENCE</b>	Climate change and its influence in One Health										2024		

**2024 Draft Activity Plan – TO BE APPROVED**

- 4 Webinars
- 2 Workshops
- 1 International Conference
- 1 Online training

more than 200 registered participants from REMESA member States



# ONLINE INTENSIVE COURSE WORKSHOP ANIMAL WELFARE IN ANIMAL TRADES (EUROPE, NORD AFRICA AND MIDDLE EAST)

MARCH 2024		
6 March	13 March	20 March
Europe	Nord Africa	Middle East

INTERESTED COLLEAGUES FROM MEMBER ATTENDANCE 1 ON-LINE INTENSIVE WORSHOP.  
THE TRAINING WILL BE ORGANIZED FOR 1 MONTH (ONE/WEEK)



# REMESA PROJECTS 2023 – 2024 (2025)



**VBDs**

**ANIMAL  
MOVEMENT**



# Project 1

## VBD and Climate Change: A Mediterranean NETworking Model for Surveillance



**WP0**  
PROJECT DESIGN, COORDINATION,  
AND MANAGEMENT

**WP1**  
ECOREGIONS, EPIDEMIOLOGY AND AFFECTED AREAS

**WP2**  
ENTOMOLOGICAL  
SURVILLANCE

**WP3**  
IDENTIFICATION  
CIRCULATING  
PATHOGEN

**WP4**  
ACTIVE AND  
PASSIVE  
SURVEILLANCE OF  
SENTINEL ANIMALS

**WP5**  
WILD BIRDS  
MONITORING

**WP6**  
HUMAN  
SURVEILLANCE

**WP7**  
DATA AND RISK ANALYSIS



**WP8**  
COMMUNICATION AND DISSEMINATION





# Project 2

## **ANIMAL MOVEMENT IN REMESA COUNTRIES**

# Why Animal Movement is an important topic for REMESA

- REMESA countries are very close to each other and share common trade activities and cultural events which affect transmission of infectious disease while transporting animals – **mediterranean basin**
- Allow **animal traceability** for control of infectious diseases, particularly **transboundary diseases**.
- Facilitate **safe global trade** with socio-economic benefits.
- Ensure and facilitate **transportation** of species like horses and camel to participate in events like race and festivals.
- **Animal Health and welfare** benefits.
- Essential for **importing** animals from endemic areas.

# Objectives

- Livestock traceability allows animals to be traced through their lifetime. The primary purpose is to **control and mitigate a disease outbreak**.
- This project will allow **tracing** of where the disease has been and where it could have spread.
- **Quick and effective response** in case of disease outbreaks.
- In the case of an exotic animal disease outbreak our export **markets** would close.

# FIRST STEP: NOMINATION OF THE WORKING GROUP

No	Name of expert	Corresponding STC
1	Andrea Apolloni	France
2	Cecile Squarzoni-Diaw	
3	Thomas Balenghien	
4	Jean-Daniel Cesaro	
5	Alexis Delabouglice	
6	María López Montero	Spain
7	Benfield, Camilla (NSAH)	PPR Global Secretariat
8	Ana Manso	Portugal
9	Yassir Lezaar	Morocco
10	Assia DAOUDI	Algeria
11	Isma Dalila Djail	
12	Habiboullah Habiboullah	Mauritania
13	Hacen Ahmed Benane	
14	Barry Yahya	

# Second STEP: Preparation of questionnaire that was sent to the working group «for comments and recommendations»



Scientific and Technical Office of REMESA (STOR)  
Via Gino Marinuzzi 3 – 90129 Palermo  
Telefono: + 0039 – 091 – 6565278-279  
Contact: [stor-info@remesa.org](mailto:stor-info@remesa.org) pec: [stor@pec.remesa.org](mailto:stor@pec.remesa.org)  
Website: [stor.remesa.org](http://stor.remesa.org)

## QUESTIONNAIRE - TOPICS

The aim is to identify and collect data, related to Animal Movement traceability within Mediterranean countries, to be considered while preparing our upcoming requested project “Animal Movement”.

Country:

Contact details:

Name:

Position/role:

Email:

1. What is your priority in term of animal species to be targeted for identification in your country? Please specify according to frequently recorded epizootics.

Species	High priority	Moderate priority	Low priority
Cattle/buffalo			
Sheep/goat			
Camel			

2. The estimated number of species in your country?

Species	Number
Cattle/buffalo	
Sheep/goat	
Camel	

3. The approximate description of localities of higher density of each species?

Species	North	East	South	West
Cattle/buffalo				
Sheep/goat				
Camel				

4. Mode of raising these animals “the majority”: is it intensive modern farming system or individually-owned animals?

Species	Intensive modern farming system	Individually-owned animals
Cattle/buffalo		
Sheep/goat		



Scientific and Technical Office of REMESA (STOR)  
Via Gino Marinuzzi 3 – 90129 Palermo  
Telefono: + 0039 – 091 – 6565278-279  
Contact: [stor-info@remesa.org](mailto:stor-info@remesa.org) pec: [stor@pec.remesa.org](mailto:stor@pec.remesa.org)  
Website: [stor.remesa.org](http://stor.remesa.org)

Camel

5. Currently, do you apply/have certain tools/system for identifying animals in your country? If yes, please mention the method, percent of identified animals and the data-recording system.

Species	No	Yes, applied method
Cattle/buffalo		
Sheep/goat		
Camel		

6. Do you have the feature of moving for grazing/pasturing in different seasons?

Species	No	Yes			
		Spring	Summer	Autumn	Winter
Cattle/buffalo					
Sheep/goat					
Camel					

7. Is there any shared free grazing/pasturing regions with neighbouring countries?

Species	No	Yes, specify country
Cattle/buffalo		
Sheep/goat		
Camel		

8. The most common way of importing/entry of animals from abroad? The main borders of entry?

Species	Means of transportation	Borders of entry
Cattle/buffalo		
Sheep/goat		
Camel		

9. Do you have registration system for imported/incoming animals?

Species	No	Yes
Cattle/buffalo		



Scientific and Technical Office of REMESA (STOR)  
Via Gino Marinuzzi 3 – 90129 Palermo  
Telefono: + 0039 – 091 – 6565278-279  
Contact: [stor-info@remesa.org](mailto:stor-info@remesa.org) pec: [stor@pec.remesa.org](mailto:stor@pec.remesa.org)  
Website: [stor.remesa.org](http://stor.remesa.org)

Sheep/goat		
Camel		

10. If yes, registration by name of owner only without individual animal identification or you have individual animal identification system?

Species	Individual animal identification		Identification by owner	
	Yes	No	Yes	No
Cattle/buffalo				
Sheep/goat				
Camel				

11. If there is a particular time for intensive animal movement (i.e time for religious habits/customs)? Which is the common direction of this movement? Mostly are locally raised animals or you import from abroad?

Species	No	Yes				In case of importing from abroad specify the country
		North	East	South	West	
Cattle/buffalo						
Sheep/goat						
Camel						

12. The challenges/obstacles facing applying massive animal identification in your country?

- Logistics  
 Geographic  
 Owner's fear/worry  
 Others, please specify

13. How to encourage farmers/owners for identifying their animals?

Date

Signature

# THE NEXT STEP for the Animal Movement project.....

- 1. Preparation of final questionnaire that will be sent to CVOs**
- 2. Analysis of data collected from responses of CVOs**
- 3. Preparation of Initial draft of the project proposal, in cooperation with working group, to be submitted during next JPC meeting in December 2023**



The screenshot displays the website for the Scientific and Technical Office of REMESA (STOR). At the top, there are logos for STOR, FAO (Fédération des Associations de Vétérinaires de l'Organisation Mondiale de la Santé Animale), and REMESA. The main navigation menu on the left includes: Login and become a part of STOR, REMESA, STOR (Scientific & Technical Office of REMESA), THEMATIC AREAS, TRAINING AND TUTORSHIP, NEWS AND EVENTS, OPPORTUNITIES, FORUM, and CONTACT US. A central banner features a map of the Mediterranean region and the text: "STOR helps to create and develop a strong protection system against emerging animal threats in Mediterranean Region." Below the banner is a row of flags representing member states. The "STRUCTURE AND GOVERNANCE OF STOR" section explains that STOR implements the strategies of the Member States of REMESA and lists its objectives: to conduct pilot technical initiatives and to facilitate cooperation between research centers, institutes, laboratories, and other entities.

[stor.remesa.org](http://stor.remesa.org)



Organisation mondiale  
de la sant  animal  
Fond e en tant qu'OIE



***Thank you***

**شكرا**

***Merci beaucoup***