

# GLOBAL, REGIONAL AND NATIONAL PROGRESS OF FMD CONTROL

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Food and Agriculture  
Organization of the  
United Nations



## GF-TADs

GLOBAL FRAMEWORK FOR THE  
PROGRESSIVE CONTROL OF  
TRANSBOUNDARY ANIMAL DISEASES



WORLD ORGANISATION FOR ANIMAL HEALTH  
*Protecting animals, preserving our future*

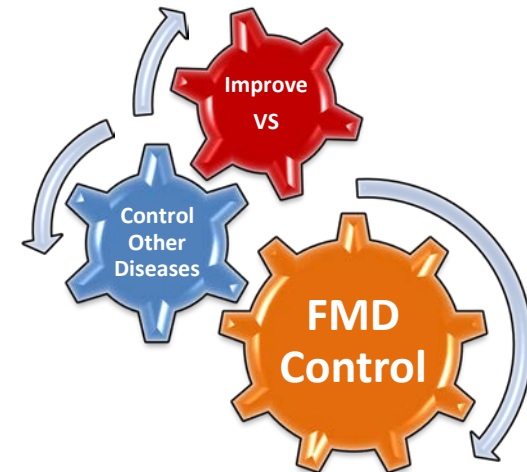
# Contents

- Global FMD control strategy implementation
- Progress made so far
- Tools and guidelines
- Top regional priorities

# GLOBAL CONTROL STRATEGY OF FMD

## FMD

- National Control Plan
- Risk-based Strategic Plan
- Risk Assessment Plan



# FMD Global Strategy

## Global, National and Regional Approach

Global	Regional	National
GF-TADs FMD WG Developed the GS and coordinate it's implementation	Regional roadmap meetings for country assessment	Use of PCP-FMD guidelines as tool for implementation
Global Network: <ul style="list-style-type: none"> <li>• FAO/OIE FMD reference lab network</li> <li>• Epidemiology network</li> </ul>	Regional laboratory and epidemiology networks	Countries' investment and control plans (FAO, OIE and donor support)
		Performance of veterinary services (PVS)
		Training/workshop/webinar

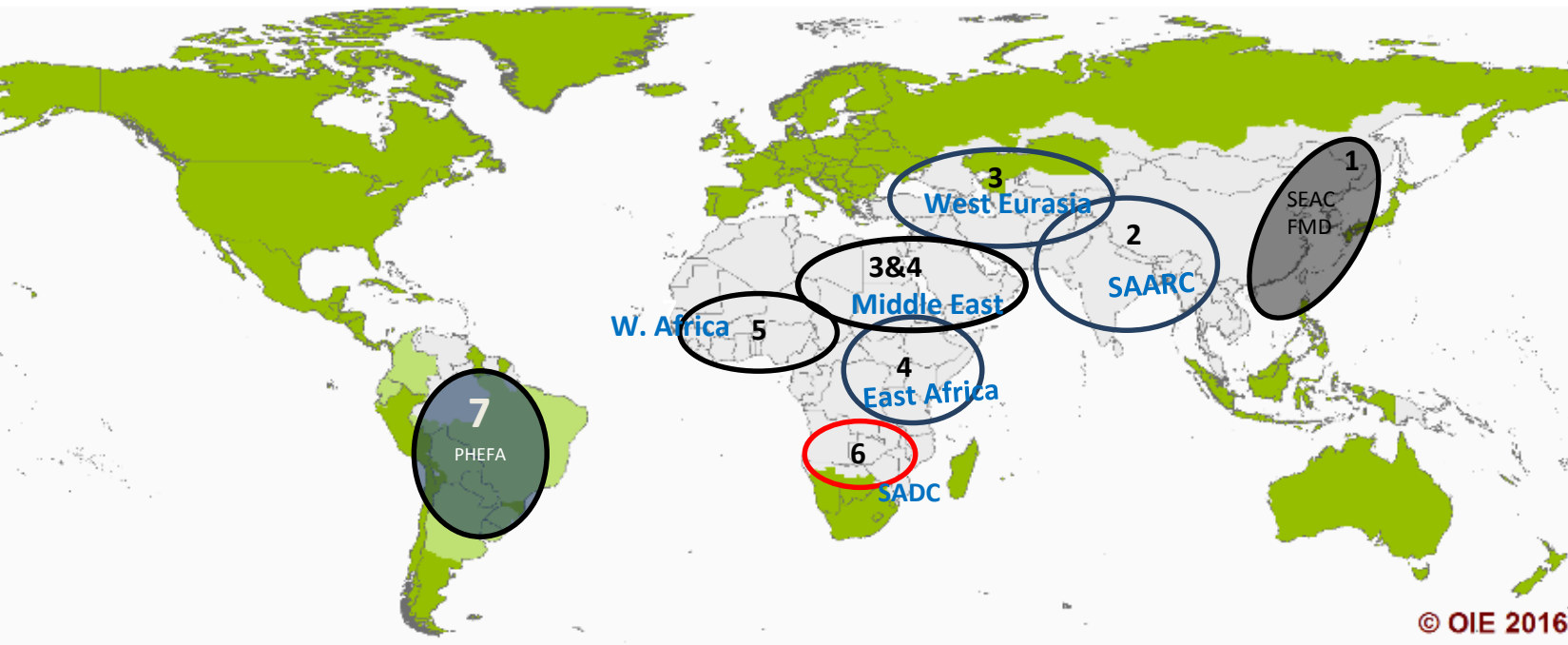
# Regional Roadmap Platform




## CVOs and FMD national specialists participate development partners invited

- Share information on FMD and vaccine selection
- Review of national control plan
- PCP stage acceptance: questionnaire, interview and assessment by regional advisory group

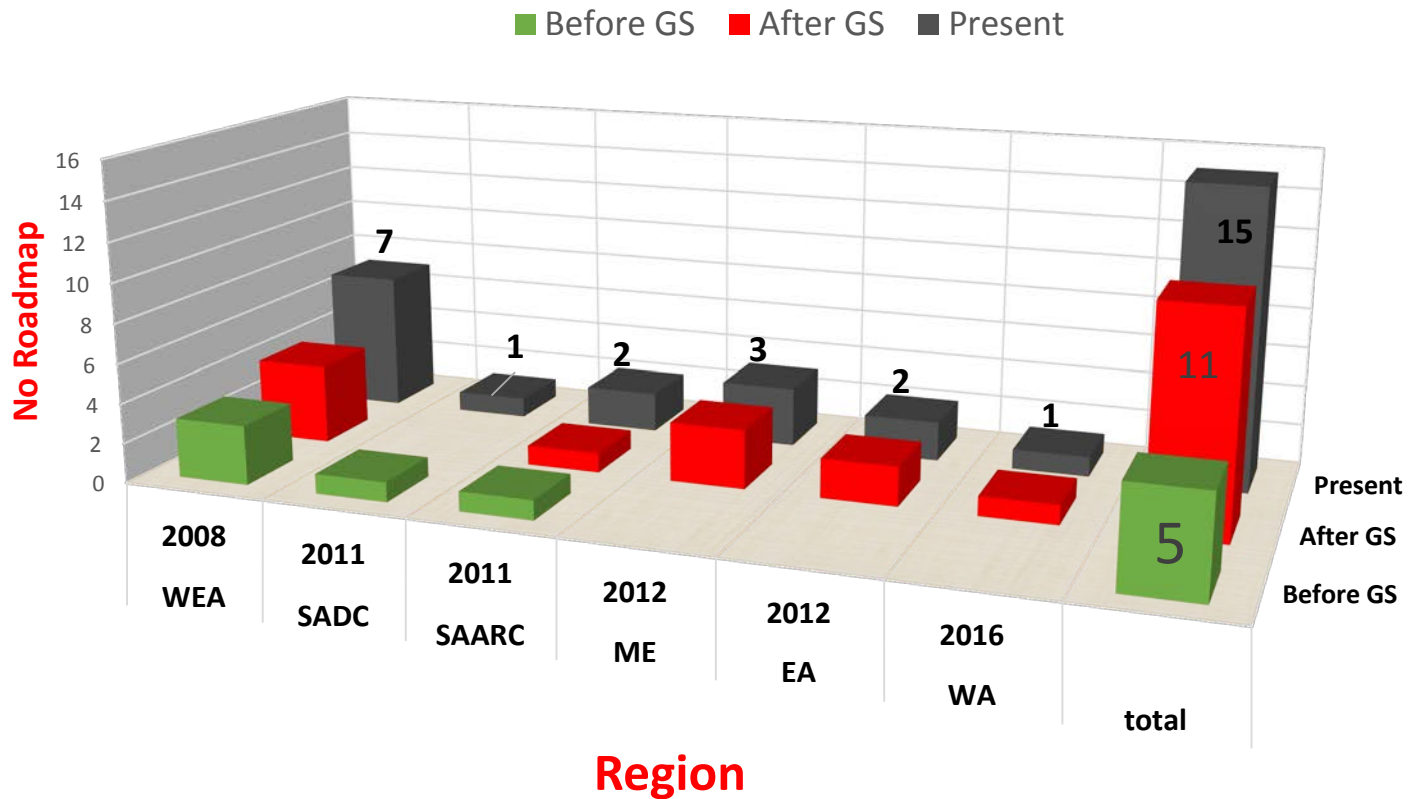


# Regional FMD Virus Pools



-  Member Countries and zones recognised as free from FMD without vaccination
-  Member Countries and zones recognised as free from FMD with vaccination
-  Countries and zones without an OIE official status for FMD

# No. Regional Roadmaps



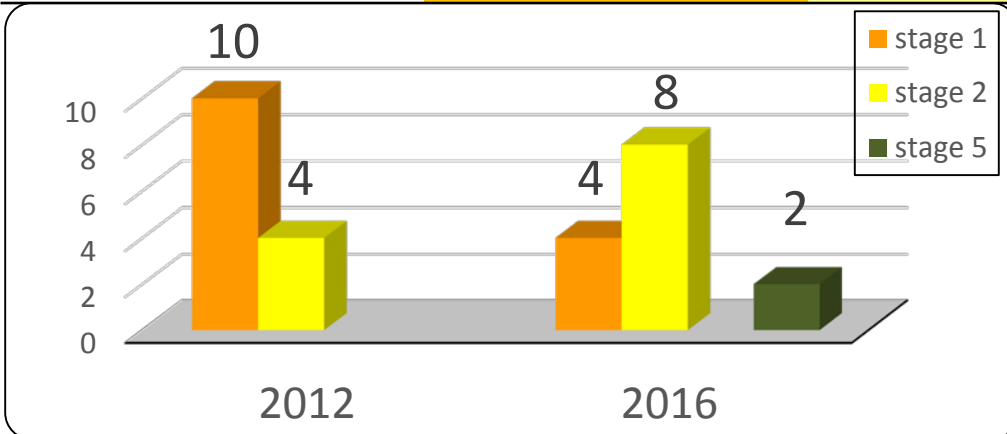
# 12-14 countries

# West Eurasia

Countries	Assessed									Foreseen								
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Afghanistan <i>(absent in Bishkek)</i>	0	1	1	1	1	1	1	1	1	1	2	2	2	2	3	3	3	4
Armenia	2	2	2	2	2	2	2*	2*	2	2	3	3	3	3	4	4	5	5
Azerbaijan	2	2	2	2	2	2	2*	2*	2	2	3	3	3	3	3	3	4	4
Georgia	2	1	1	1	1	1	2*	2	2	2	3	3	3	3	4	5	5	5
Iran	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	4	4	4
Kazakhstan (5 southern regions)	1	1	1	1	1	1	2*	***	***									
Kazakhstan (9 norther regions)	1	1	1	1	1	1	2*	**	5	5	5	5	5	5	5	5	5	5
Kyrgyzstan	1	0	0	0	1	1	2*	2*	2*	3	3	3	4	4	5	5	5	5
Pakistan	0	1	1	1	1	1	2*	2	2	2	2	3	3	3	3	3	4	4
Tajikistan	0	1	1	1	1	1	1	1	1	2	3	3	4	4	4	4	4	4
Turkey (Thrace)									5	5	5	5	5	5	5	5	5	5
Turkey (Anatolia/Marmara-Aegean)									2	3	3	4	4	4	4	4	5	5
Turkey (Remaining Anatolia)	1	2	2	2	2	2	2	2	2	2	2	2	2	3	3	4	4	4
Turkmenistan	0	0	0	0	1	1	1	1	1	2	2	2	2	3	3	4	4	5
Uzbekistan <i>(absent in Bishkek)</i>	0	1	1	1	1	1	1	1	1	2	3	3	3	4	4	5	5	5

### Assessed by RAG Middle-East

Iraq	1	1	1	1	1	2*	2*	2*
Syria	1	1	1	1	1	2*	2*	2*





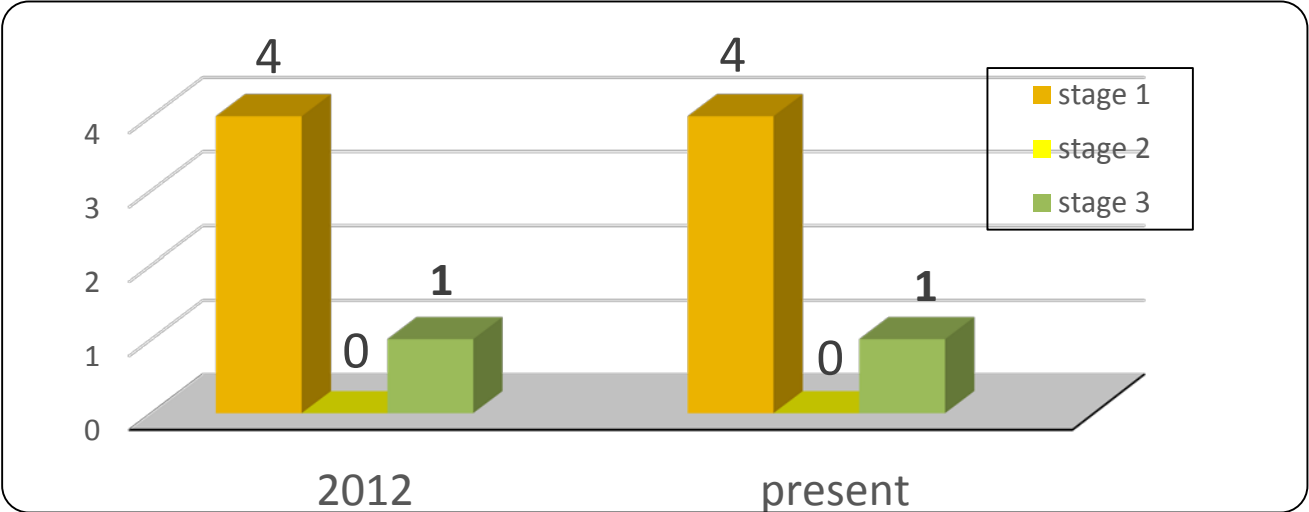
5-7  
Countries

# South Asia SAARC

assessed

foreseen

country	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Bangladesh	1	1	1	2	2	2	3	3	3	4
Bhutan	1	1	1	1	1	2	2	3	3	3
India	3	3	3	3	4	4	4	4	4	4
Nepal	1	1	1	1	1	2	2	2	2	3
Sri Lanka	1	1	1	2	2	2	3	3	4	4



13 countries

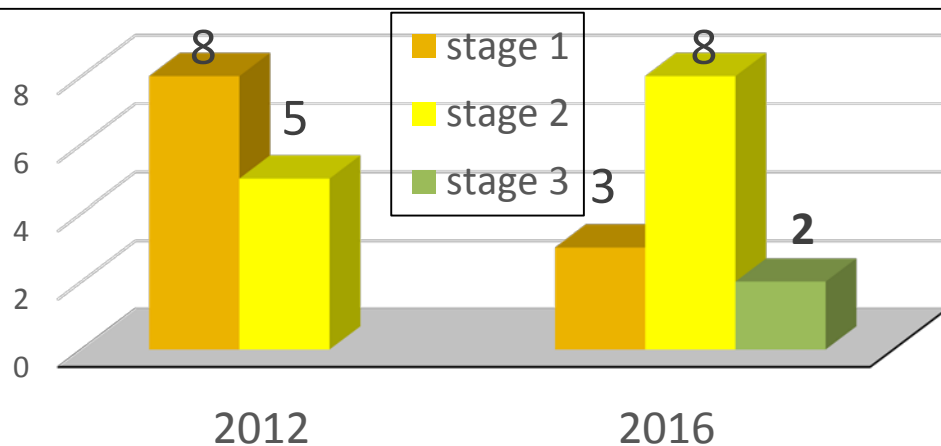
# Middle East

assessed ↓

foreseen

Country	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bahrain	1	2	2	2*	3	3	3	4	4	4
Egypt	1	1	2*	2*	2	2	2	2	3	3
Iraq	2	2	2*	2*	2	2	2	2	3	3
Jordan	1	1	2*	2*	2	3	3	3	4	4
Palestine <sup>1</sup>			1							
Kuwait	2	2	3	3*	3	4	4	4	5	5
Lebanon	1	1	2*	2*	2	3	3	4	4	4
Oman <sup>1</sup>	2	2	2*							
Qatar	2	2	3*	3*	3	3	4	4	4	4
Saudi Arabia	1	1	2*	2*	2*	3	3	3*	4	4
Syria <sup>1</sup>	2	2	2*							
UAE	1	1	2	2	3	3	3	4	4	4
Yemen <sup>1</sup>	1	1	1*							

<sup>1</sup>Countries absent from the roadmap meeting and not assessed in 2015



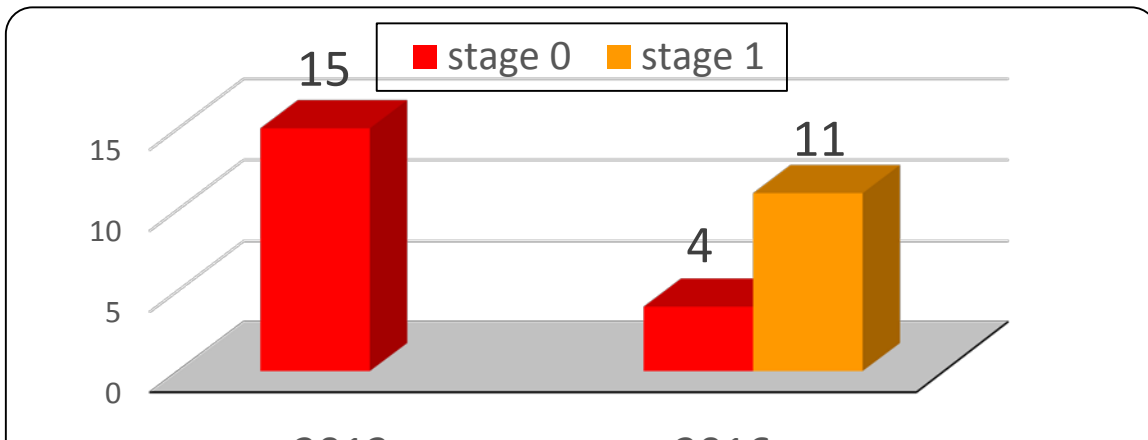
15 Countries

# West Africa

assessed

foreseen

Country	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Benin	1*	1	1	1	1	2	2	2	2	3
BF	1*	1	1	2	2	2	3	3	3	3
Cape V	0	0	0	1	2	3	3	4	5	5
RCI	1*	1	1	1	1	2	2	2	2	3
Gambia	1	1	1	1	1	1	1	1	1	2
Ghana	0	1	2	2	2	3	3	3	3	4
Guinea	1*	1	1	1	2	2	3	3	4	5
Guinea B	1*	1	1	2	2	2	4	4	4	4
Liberia	0	1	1	2	2	3	3	4	4	4
Mali	1	1	1	1	2	2	2	3	3	3
Niger	1*	1	1	2	2	2	2	2	3	3
Nigeria	1	1	2	2	2	3	3	3	4	4
Senegal	1	1	1	2	2	2	3	3	3	4
Sierra L	0	1	1	1	2	2	3	3	4	4
Togo	1*	1	2	2	2	2	2	3	3	4



12  
Countries

# East Africa

assessed

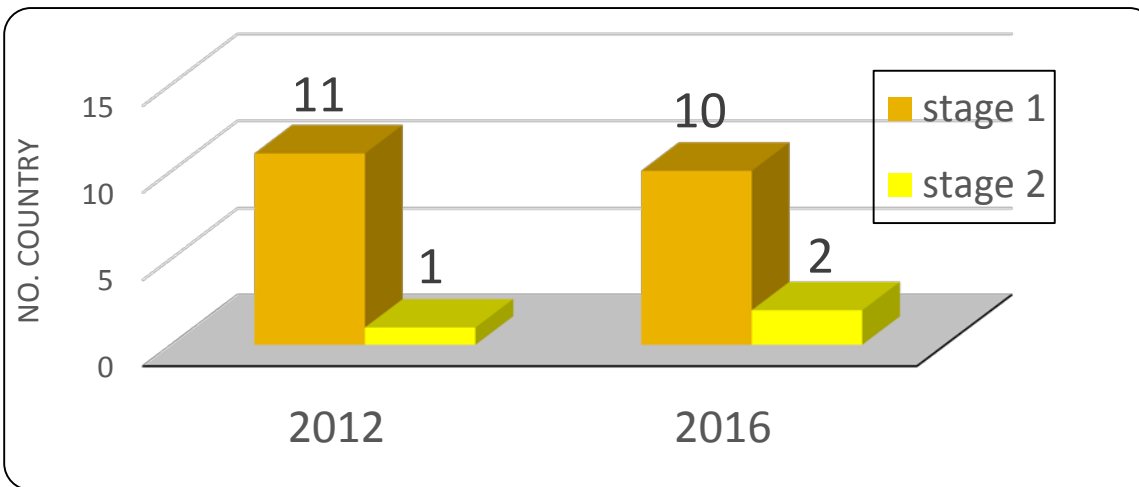
foreseen

Country	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Burundi	1	1	1	2	2	2	3	3	3	4	4
Djibouti	1	1	1	2	2	2	3	3	3	4	4
DRC	1	1	1	1	2	2	2	3	3	4	4
Eritrea	1	1	1	1	2	2	3	3	3	4	4
Ethiopia											
Kenya	1	2	2	2	2	2	3	3	3	4	4
Rwanda	2	2	3	3	3	4	4	4	4	4	4
Somalia	1	1	1	1	2	2	2	2	2	2	2
South Sudan	1*	1	1	1	1	1	1	1	1	2	2
Sudan	2*	2	2	2	3	3	3	3	3	4	4
Tanzania	1	1	2	2	2	2	3	3	3	4	4
Uganda	1	1	2	2	2	3	3	3	3	4	4

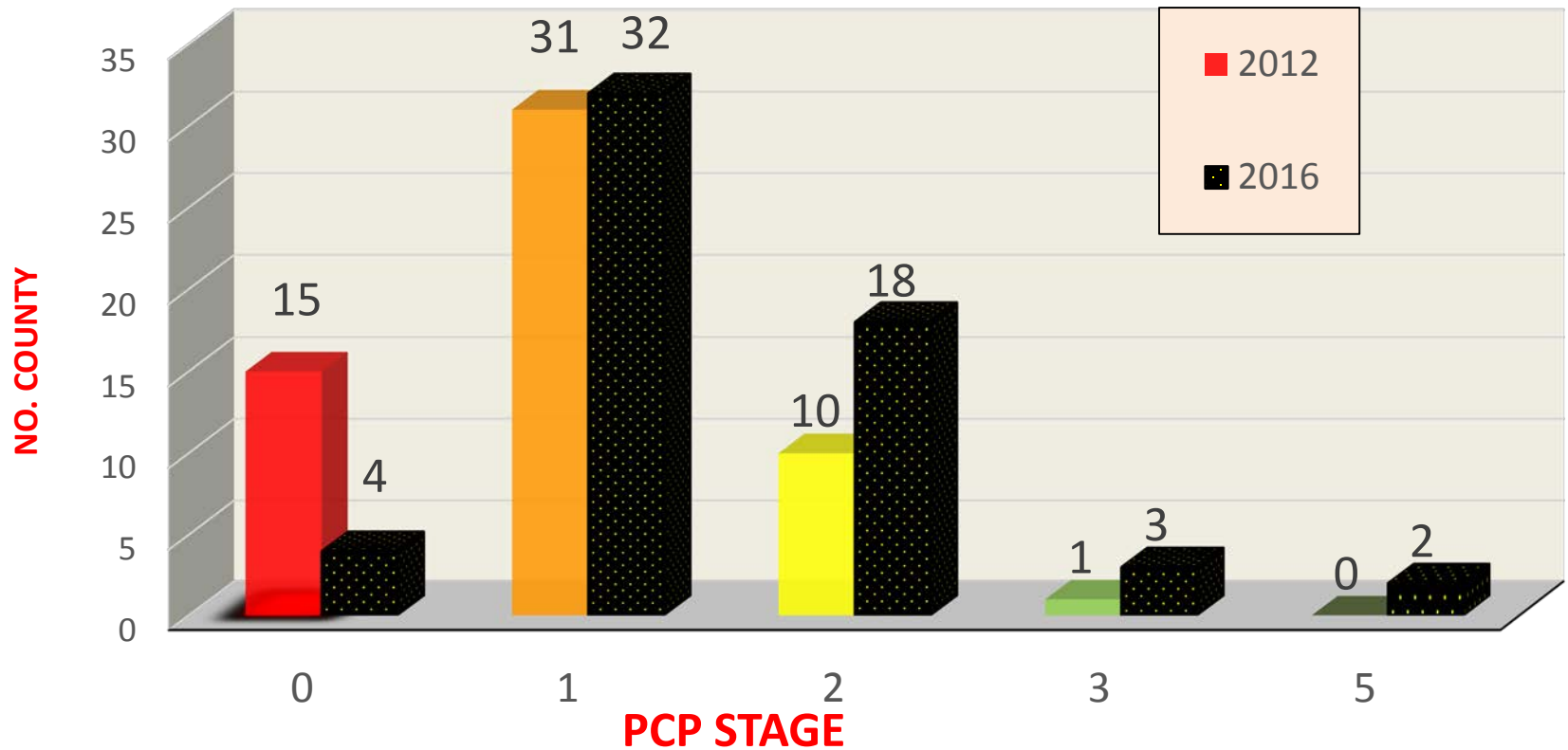
\*Provisionally accepted



Present



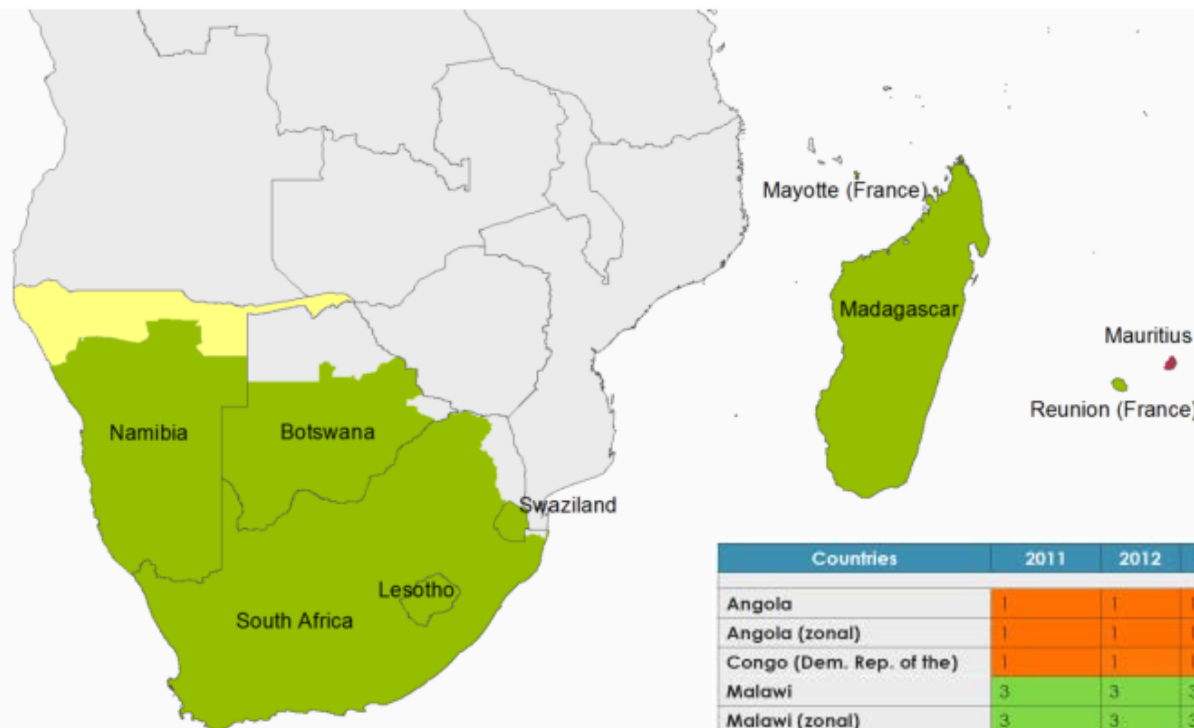
# No. Country per PCP Stage (Total= 57)



# Southern Africa

## SOUTHERN AFRICA: OIE Member Countries' official FMD status map

Last update August 2016



Roadmap in 2011




■ Member Countries and zones recognised as FMD free without vaccination  
■ Suspension of FMD free status without vaccination  
■ C/o fo

Countries	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Angola	1	1	1	2	2	2	3	3	3	3
Angola (zonal)	1	1	1	2	2	3	3	4	4	4
Congo (Dem. Rep. of the)	1	1	1	1	2	2	2	2	2	3
Malawi	3	3	3	3	3	3	3	3	3	3
Malawi (zonal)	3	3	3	4	4	4	4	4	4	4
Mozambique	2	2	3	3	3	3	3	3	3	3
Mozambique (zonal : Tete, Manica)	2	2	3	3	3	5	5	5	5	5
Mozambique (zonal : south)	2	2	3	3	4	4	4	4	4	4
Seychelles	hist.freed.	5	5	5	5	5	5	5	5	5
Tanzania	1	1	2	2	2	3	3	3	3	3
Tanzania (zonal : mainland)	1	1	2	2	2	3	3	4	4	4
Tanzania (islands : Zanzibar, Pemba)	1	1	2	3	3	4	4	4	4	4
Zambia	2	2	3	3	3	3	3	3	3	3
Zambia (zonal)	2	2	3	3	4	4	5	5	5	5
Zimbabwe	1	2	3	3	3	3	3	3	3	3
Zimbabwe (zonal)	1	2	3	3	3	4	4	5	5	5

# SOUTH EAST ASIA: FMD official status

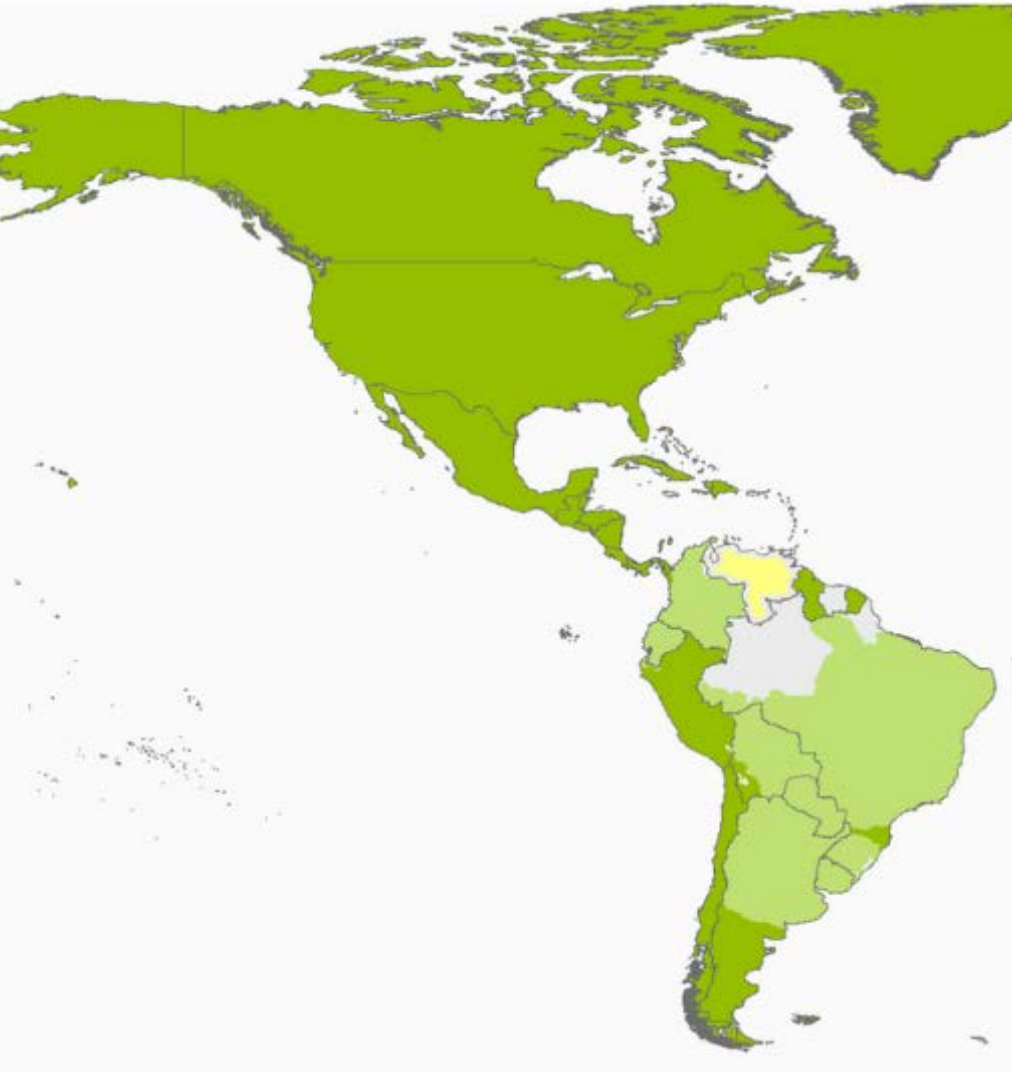


Last update August 2016

-  Member Countries and zones recognised as FMD free without vaccination
-  Countries and zones without an OIE official status for FMD
-  Member Countries with an endorsed official control programme for FMD



# Americas



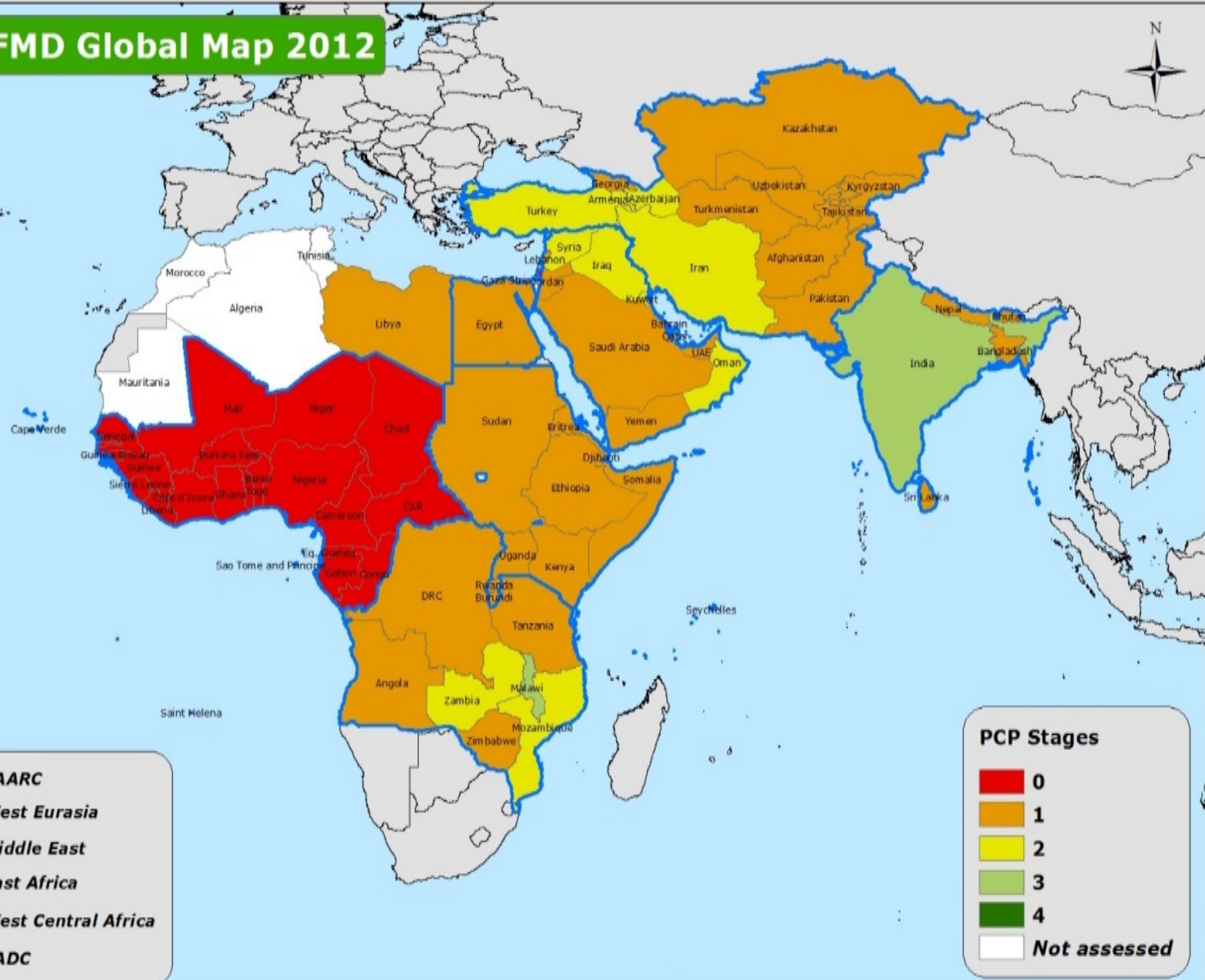
Intra and inter-regional cooperation.

Member Countries and zones recognised as free from FMD without vaccination

Member Countries and zones recognised as free from FMD with vaccination



# PCP-FMD Global Map 2012



- Pool 2. SAARC**
- Pool 3. West Eurasia**
- Pool 3. Middle East**
- Pool 4. East Africa**
- Pool 5. West Central Africa**
- Pool 6. SADC**

**PCP Stages**

Red	0
Orange	1
Yellow	2
Light Green	3
Dark Green	4
White	Not assessed



# Top Regional Priorities

1. Raise awareness on disease recognition and timely reporting
2. Surveillance (passive/active)
3. Accurate and timely diagnosis of FMD
4. Regional laboratory and epidemiology networks
5. Vaccine matching and quality
6. Cross border and regional coordination and harmonization on surveillance, control and share of information
7. Combine control of FMD with other livestock diseases
8. Funding

# FMD vaccination *and* Post-vaccination Monitoring Guidelines



**What is next?**

FAO-OIE Press release, pocket guide, training sessions, backstopping

# 2016-2017 Priorities GF-TADs FMD Working Group with EuFMD

2016-2017

Train OIE and FAO field staff, RAG & global expert group on PCP

Identify training needs and conduct roadmap meetings

Prepare 5-year plan for the implementation of the global strategy

Produce 2<sup>nd</sup> edition the PCP-FMD guidelines- in revision

Develop risk assessment plan- in revision



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# THE WAY FORWARD TO FMD FREEDOM

*What are the tools and process available?*

Friday 28 October, 11:00-12:30  
(Session 10)

- 57 countries engaged in FMD control since the global strategy developed in 2012
- Progressive control pathway used as the backbone of the strategy
- Processes and tools developed to assist countries

## CHALLENGES AND GAPS UPON US TO ADDRESS

Who is responsible to pave the way to FMD freedom?

*Scientific community*

*Affected countries*

*Free countries*

*International and regional organizations*

# Global Expert Group

- **Function:** supports countries and follow up in the implementation of PCP and provides trainings
- **Global list of leading experts;** in **If interested, send CV to**  
**FAO-FMD@fao.org** & **OIE-**  
**FMD@oie.int**
  - Laboratory diagnostics
  - Epidemiology
  - Vaccine and vaccination
  - Socio-economics and economics
  - Disease management and control
- Languages: English, French, Russian and Arabic
- Training on PCP-FMD

# Thank you for your attention



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