



# Vulture Multi-species Action Plan Middle East regional Workshop

6-9<sup>th</sup> February – Middle East Regional Workshop, Sharjah, UAE





# Workshop purpose, methodology and outcomes

José Tavares, Workshop facilitator



# Vulture Multi-species Action Plan Africa regional Workshop

October 2017 – Dakar, Senegal



  
ulture  
AsAP

Vult

Plan



# **Vulture Multi-species Action Plan European Regional Workshop**

October 2017 – Monfrague, Spain





**Vulture**  
MsAP



*Andre Botha 2016*



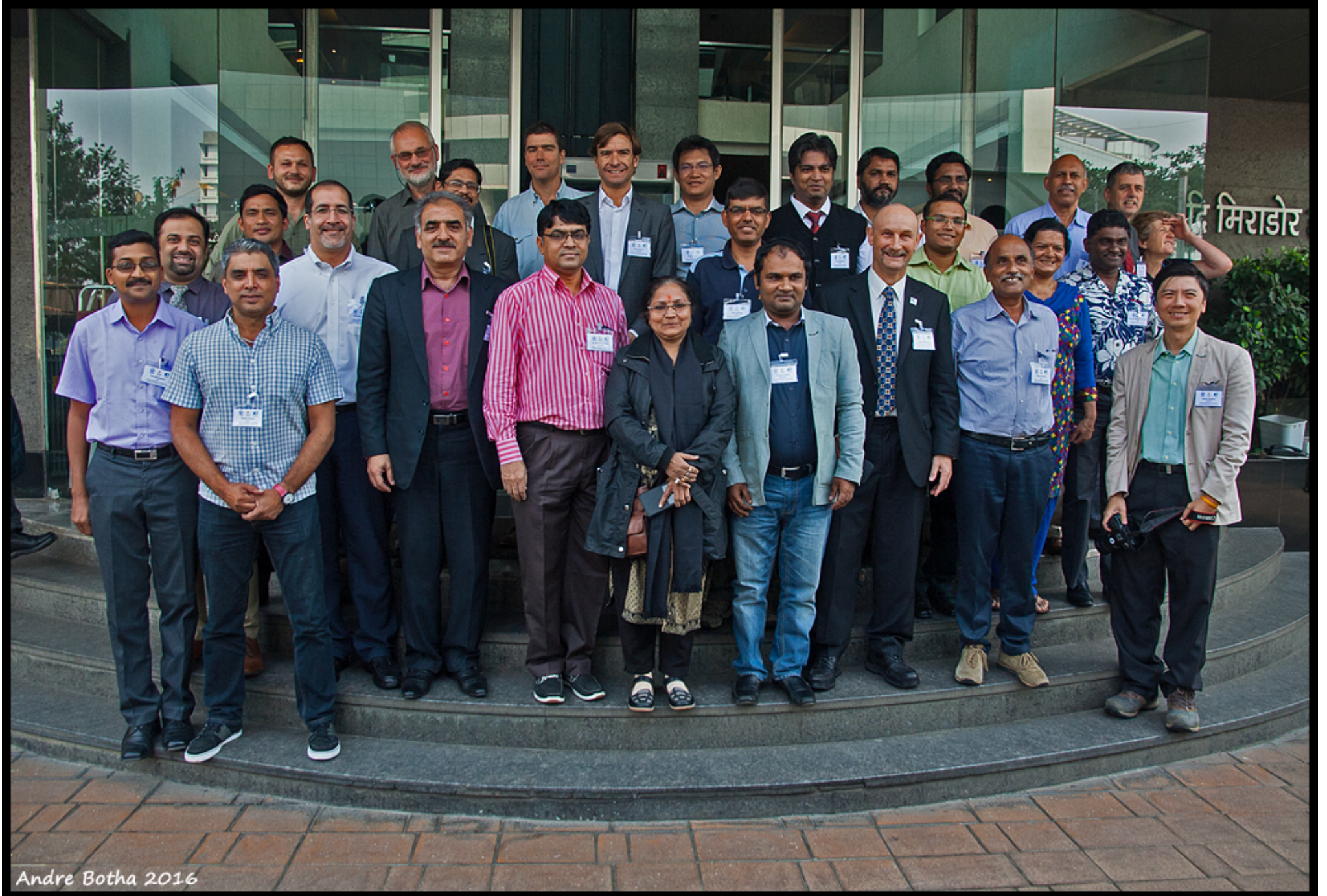






# Vulture Multi-species Action Plan Asian regional Workshop

29-30 November– Asian Regional Workshop, Mumbai, India



Andre Botha 2016





# Vulture Multi-species Action Plan Middle East regional Workshop

6-9<sup>th</sup> February – Middle East Regional Workshop, Sharjah, UAE



# Vulture Multi-species Action Plan

# Context



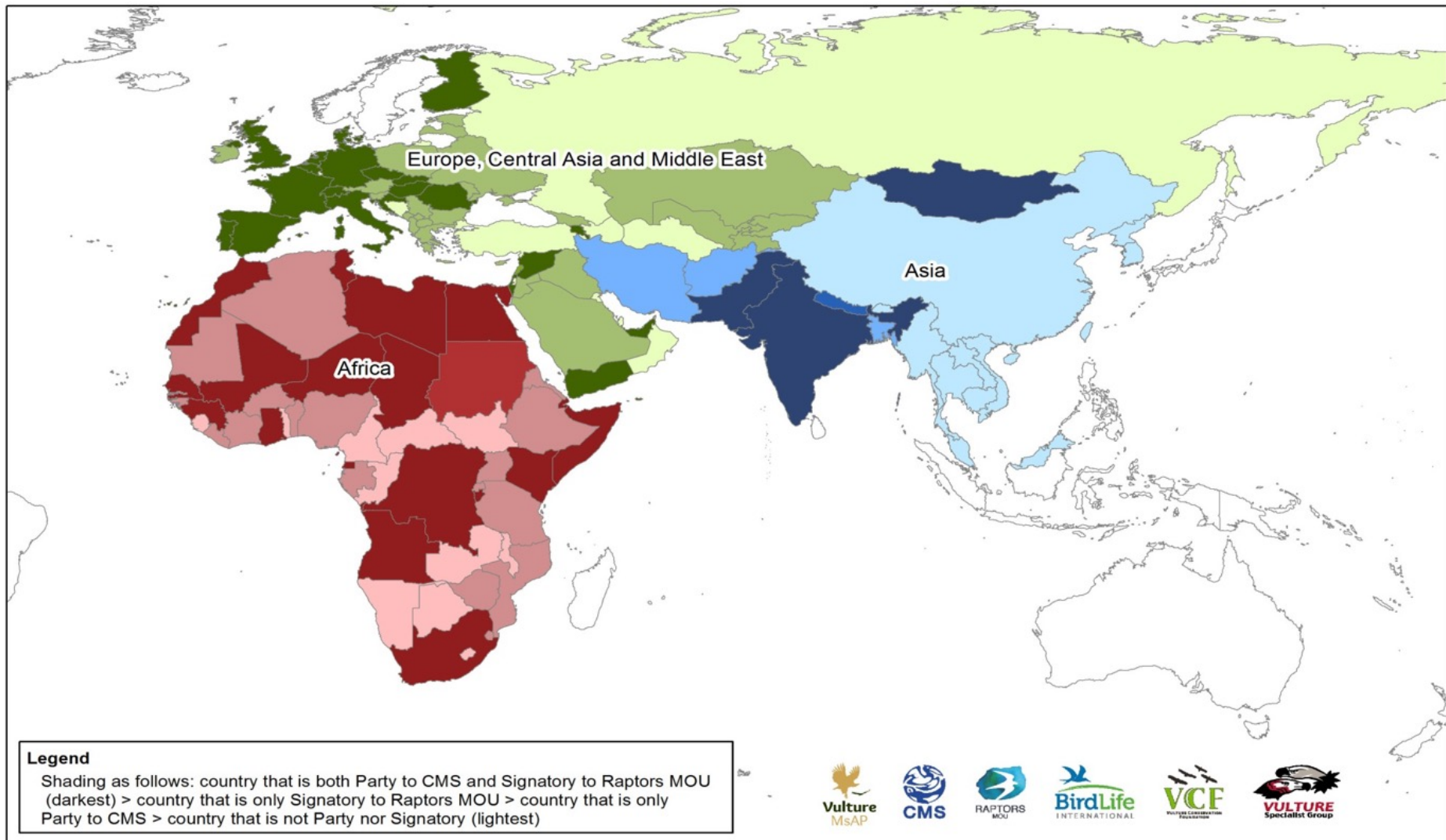
- Vulture MsAP
- African, European and Asian workshops already held
- Draft consolidated vulture MsAP
- We are here to validate and qualify the Middle East component of the MsAP



# Vulture MsAP – Geographic scope



Vulture MsAP Range States and Regions



Country	Organisation
Egypt	Red Sea Association for environment and water sports + Egyptian Environmental Affairs Agency, Nature Conservation Sector
Iran	Iran gov. + Birdwatching Soc. Iran
Israel	Nature and Parks Authority
Jordan	ECO Consult + The Royal Society for the Conservation of Nature
Saudi Arabia	Saudi Wildlife Authority & Taif University
Turkey	Doga Dernegi + Kus Arastirma Dernegi
United Arab Emirates	Raptors MoU / Convention on Migratory Species (CMS) + Environment Agency – Abu Dhabi

# Vulture Multi-species Action Plan

# MsAP – Species scope



**Bearded Vulture *Gypaetus barbatus***

**Egyptian Vulture *Neophron percnopterus***

Red-headed Vulture *Sarcogyps calvus*

White-headed Vulture *Trigonoceps occipitalis*

Hooded Vulture *Necrosyrtes monachus*

Himalayan Griffon *Gyps himalayensis*

White-rumped Vulture *Gyps bengalensis*

White-backed Vulture *Gyps africanus*

Indian Vulture *Gyps indicus*

Slender-billed Vulture *Gyps tenuirostris*

Cape Vulture *Gyps coprotheres*

Rüppell's Vulture *Gyps rueppelli*

**Griffon Vulture *Gyps fulvus***

**Cinereous Vulture *Aegypius monachus***

**Lappet-faced Vulture *Torgos tracheliotus***

Vulture Multi-species Action Plan

# MsAP – Species scope



Species	Range	Global level of threat (Red List category) <sup>1</sup>
<b>Bearded Vulture</b> <i>Gypaetus barbatus</i>	Europe, Asia, Africa	NT
<b>Egyptian Vulture</b> <i>Neophron percnopterus</i>	Europe, Asia, Africa	EN
<b>Red-headed Vulture</b> <i>Sarcogyps calvus</i>	Asia	CR
<b>White-headed Vulture</b> <i>Trigonoceps occipitalis</i>	Africa	CR
<b>Hooded Vulture</b> <i>Necrosyrtes monachus</i>	Africa	CR
<b>Himalayan Griffon</b> <i>Gyps himalayensis</i>	Asia	NT
<b>White-rumped Vulture</b> <i>Gyps bengalensis</i>	Asia	CR
<b>White-backed Vulture</b> <i>Gyps africanus</i>	Africa, (Europe) <sup>2</sup>	CR
<b>Indian Vulture</b> <i>Gyps indicus</i>	Asia	CR
<b>Slender-billed Vulture</b> <i>Gyps tenuirostris</i>	Asia	CR
<b>Cape Vulture</b> <i>Gyps coprotheres</i>	Africa	EN
<b>Rüppell's Vulture</b> <i>Gyps rueppelli</i>	Africa, (Europe) <sup>2</sup>	CR
<b>Griffon Vulture</b> <i>Gyps fulvus</i>	Europe, Asia, Africa	LC
<b>Cinereous Vulture</b> <i>Aegypius monachus</i>	Europe, Asia, (Africa) <sup>2</sup>	NT
<b>Lappet-faced Vulture</b> <i>Torgos tracheliotos</i>	Africa, Asia	EN

facilitation  
and  
ground-rules



Action Plans do not conserve  
species...


...ACTIONS do

Our Action Plan is just the  
beginning.....









speak slowly  
and clearly  
please...



to call a spade a  
spade

appeler un chat un  
chat

llamar al pan, pan





Your opinion  
**Matters**

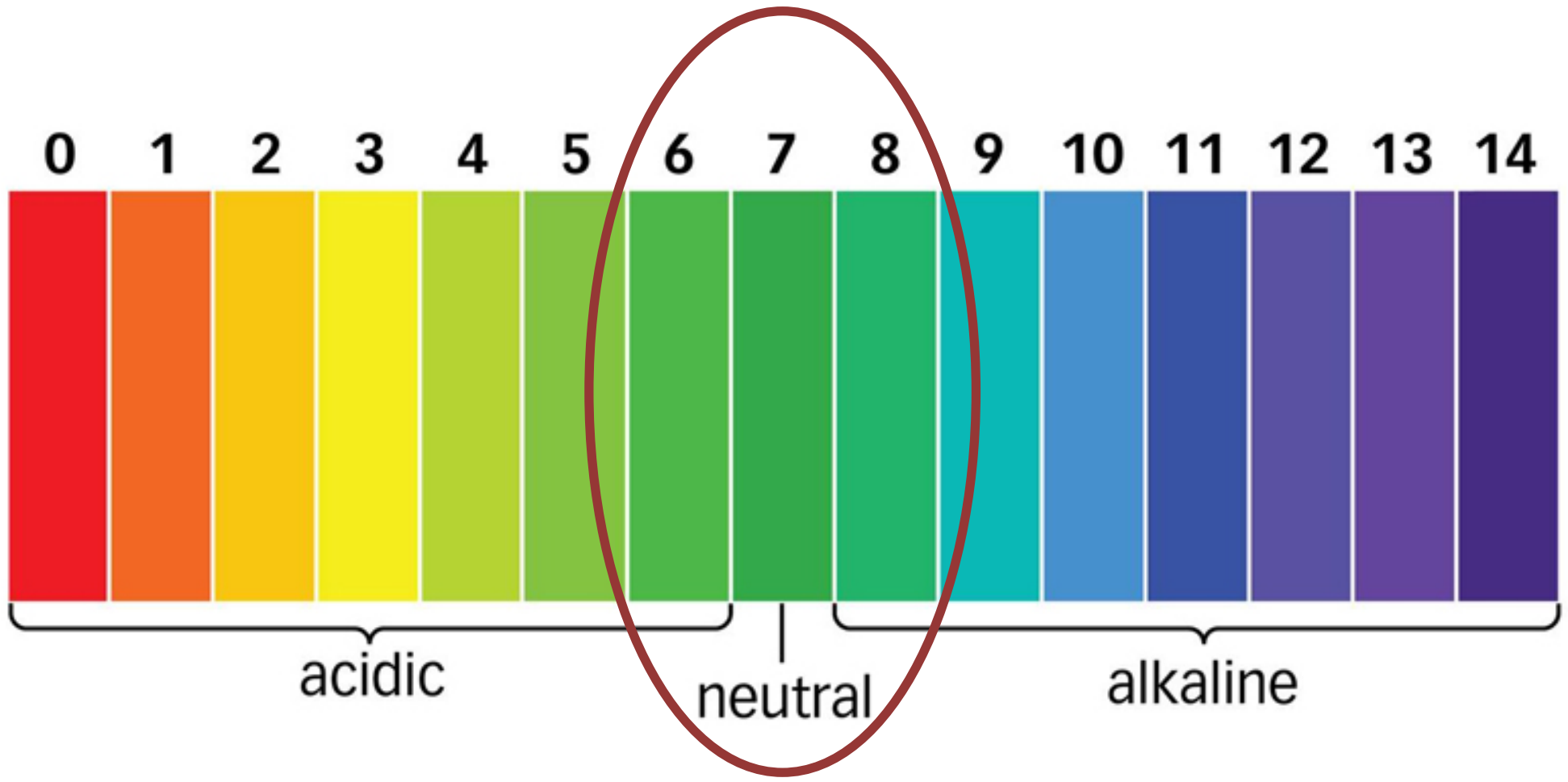


















Fitness



FaceTime



WhatsApp



Phone



Mail



Safari



ANY  
QUESTIONS  
?

# Workshop Methodology



- Two types of working modes:
  - **Plenary**
    - General presentations
    - Speakers stick to time
    - Panel Q & A sessions
    - No microphone – speak loudly
    - No bilateral discussions please
  - **Working groups**
    - 3-4 groups:
    - Group facilitators
    - Build group consensus
    - Group speaker (prepare report)

# Agenda



## Day 1

- Opening presentations, MsAP, methodology and objectives of the workshop
- Context presentations – Middle East vultures - Status, distribution and threats

## Day 2

- Group work 1 - Categorisation and prioritisation of threats

## Day 3

- Group work 2 – Action planning
- Field trip

## Day 4

- Group work 3 - Action planning (cont.)
- Implementation, conclusions and next steps



# Workshop goal No. 1



**Understand the reasons for vulture declines in the Middle East,  
and the possible mechanisms for recovery**

1. Extract the essential information from a complex picture
2. Get to the core issues
3. Acknowledge bias – and filter it out

Objectivity = Open mind +  $\sum$  Evidence (Facts – Knowledge gaps)

# Workshop goal No. 2



**Develop and agree on a strategic and focused approach to vulture recovery work for the region**

1. Generate a lot of ideas for actions, choose the key ones objectively
2. Take decisions on priority actions
3. Recognize and learn from mistakes, correct and improve current work

“Success is not final, failure is not fatal:  
it is the courage to continue that counts.”  
– **Winston Churchill**

# Working process



## Threats analysis

Clear definition  
of threats

Threats  
prioritization

Drivers, actors and  
root causes

Strategy and focus  
for intervention

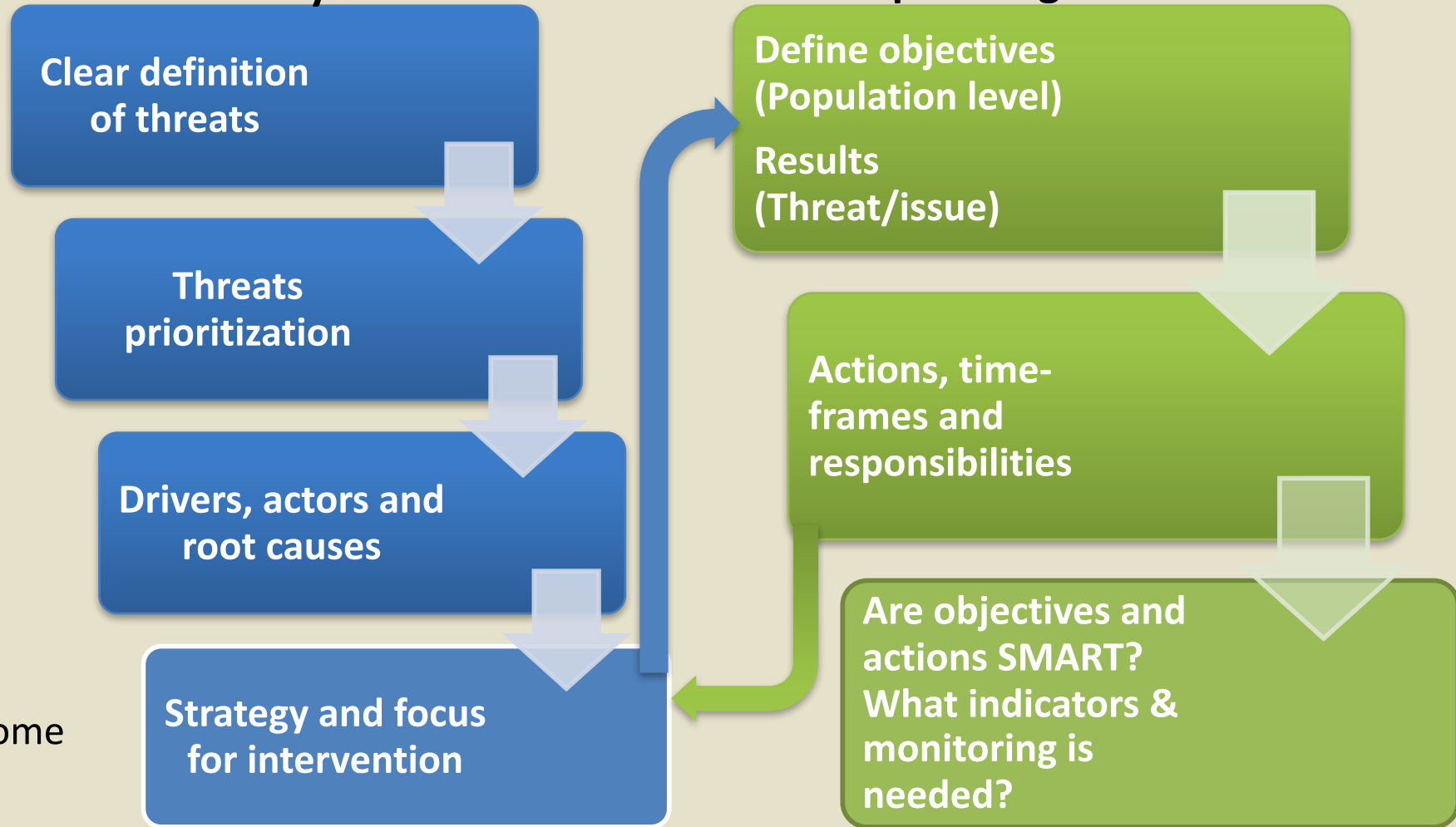
## Action planning

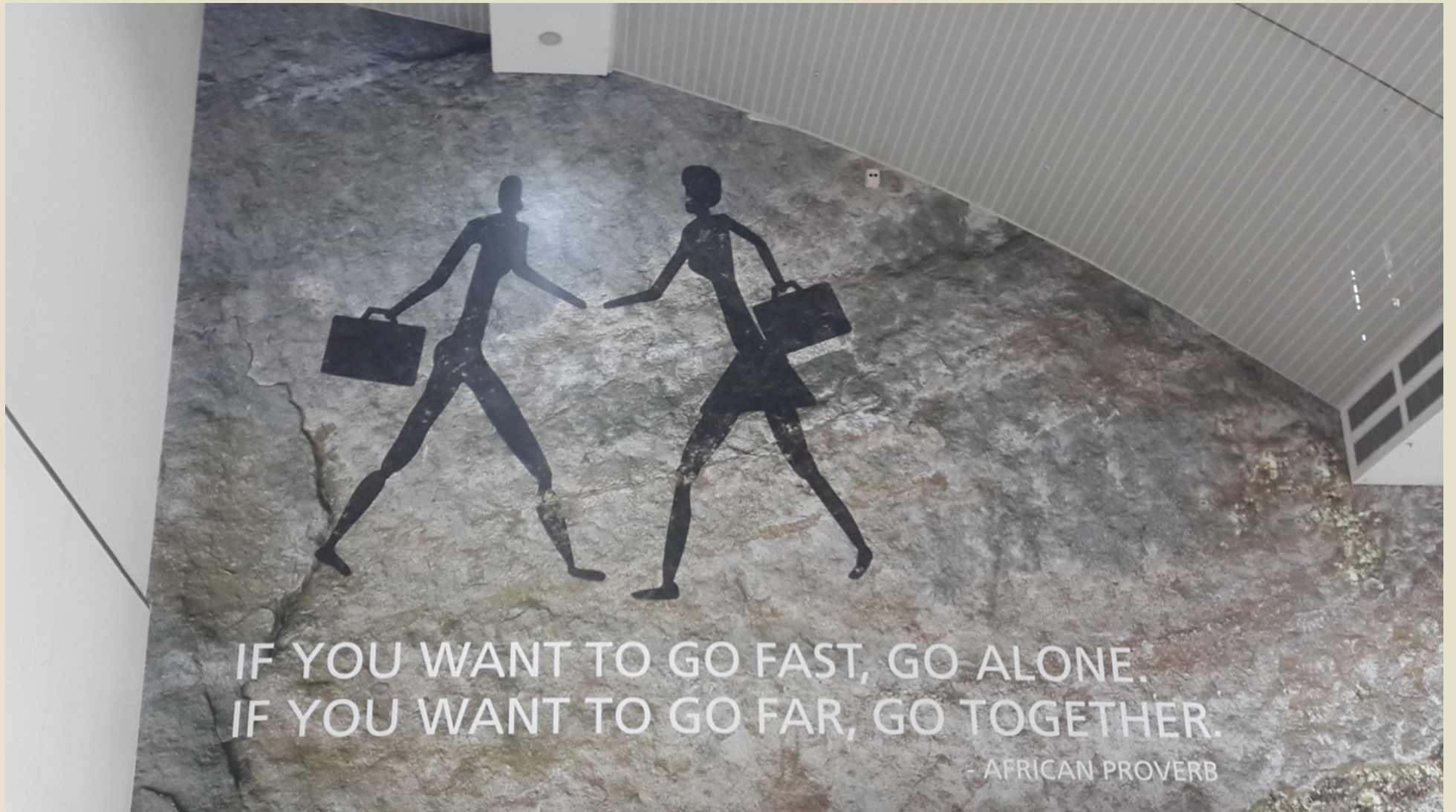
Define objectives  
(Population level)  
Results  
(Threat/issue)

Actions, time-  
frames and  
responsibilities

Are objectives and  
actions SMART?  
What indicators &  
monitoring is  
needed?

Outcome





**TEAM – Together Everybody Achieves More!**



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# Threats

How to analyse and rank them

# Working process



## Threats analysis

Clear definition  
of threats

Threats  
prioritization

Drivers, actors and  
root causes

Strategy and focus  
for intervention

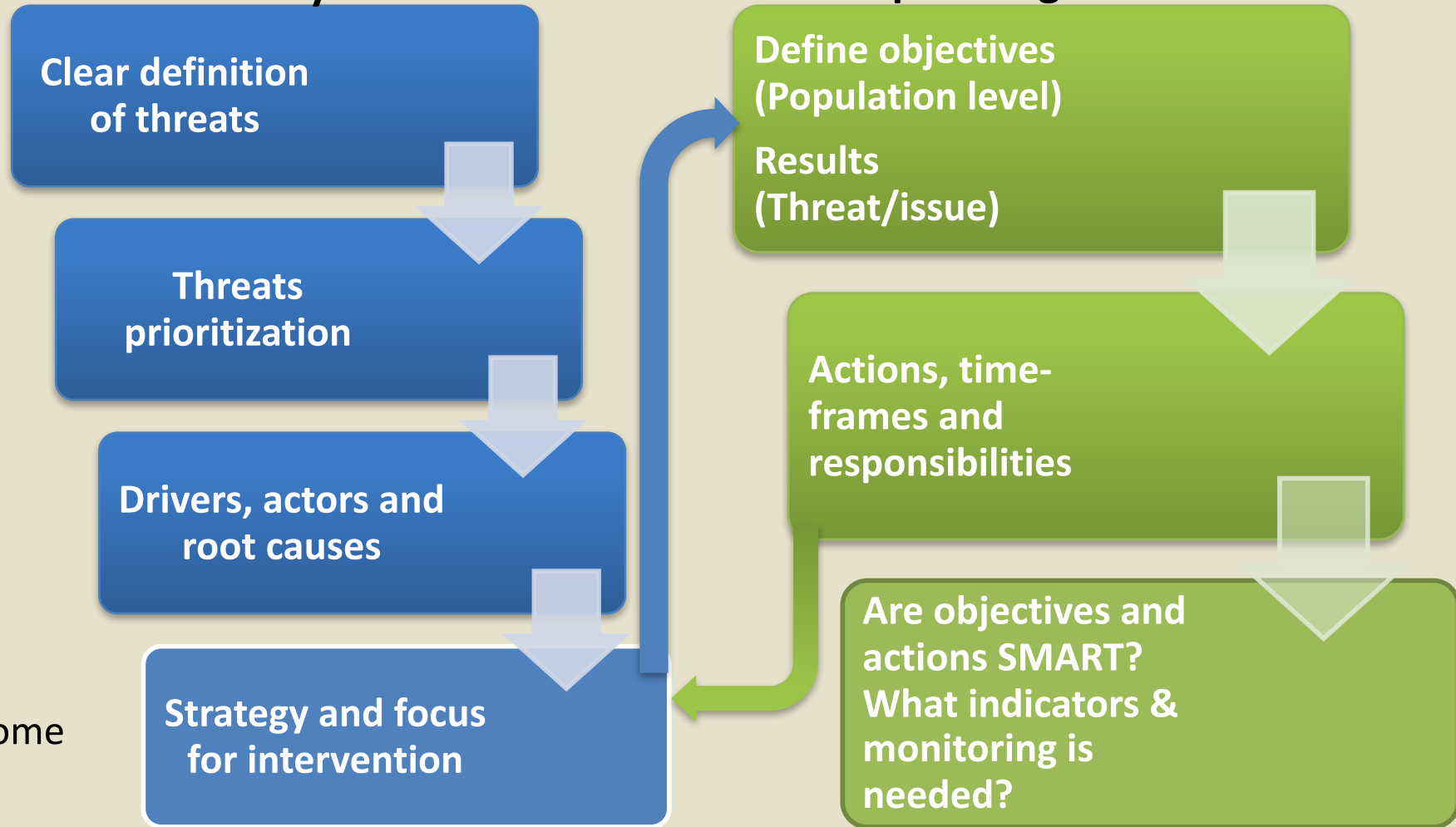
## Action planning

Define objectives  
(Population level)  
Results  
(Threat/issue)

Actions, time-  
frames and  
responsibilities

Are objectives and  
actions SMART?  
What indicators &  
monitoring is  
needed?

Outcome





# Scope of the threat



- % of the populations/ranges affected
  - Entire (>90%) 3
  - Most (50-90%) 2
  - Some (10-50%) 1
  - Few/little (<10%) 0

# Severity of threat



- **What is the effect on the affected populations?**

- Rapid deterioration 3
- Moderate deterioration 2
- Slow deterioration 1
- No deterioration 0

# Timing of threat



## When is the threat likely to occur?

- Happening now 3
- Likely in short term (<4 years) 2
- Likely in long term (>4 years) 1
- Past and no longer applies 0

# Impact of the threat



- Sum of scope + severity + timing
- But, if score = 0 for either scope, severity or timing, then impact = 0
- Precautionary approach: in case of insufficient information, assume the worst

# Overall ranking of threats



**If sum =**

= 8-9 = top priority = Critical

= 6-7 = high priority = High

= 3-5 = medium priority = Medium

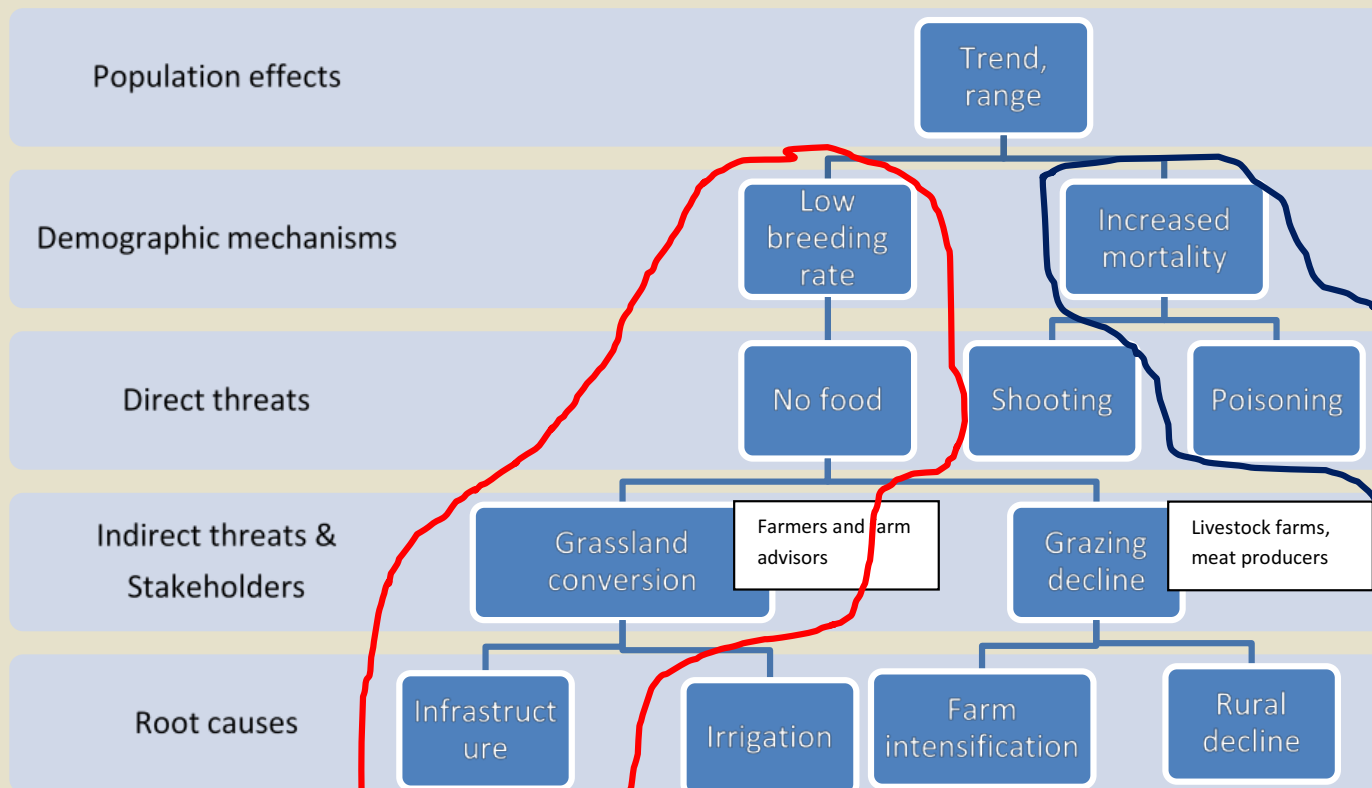
= 0-3 = low priority = Low

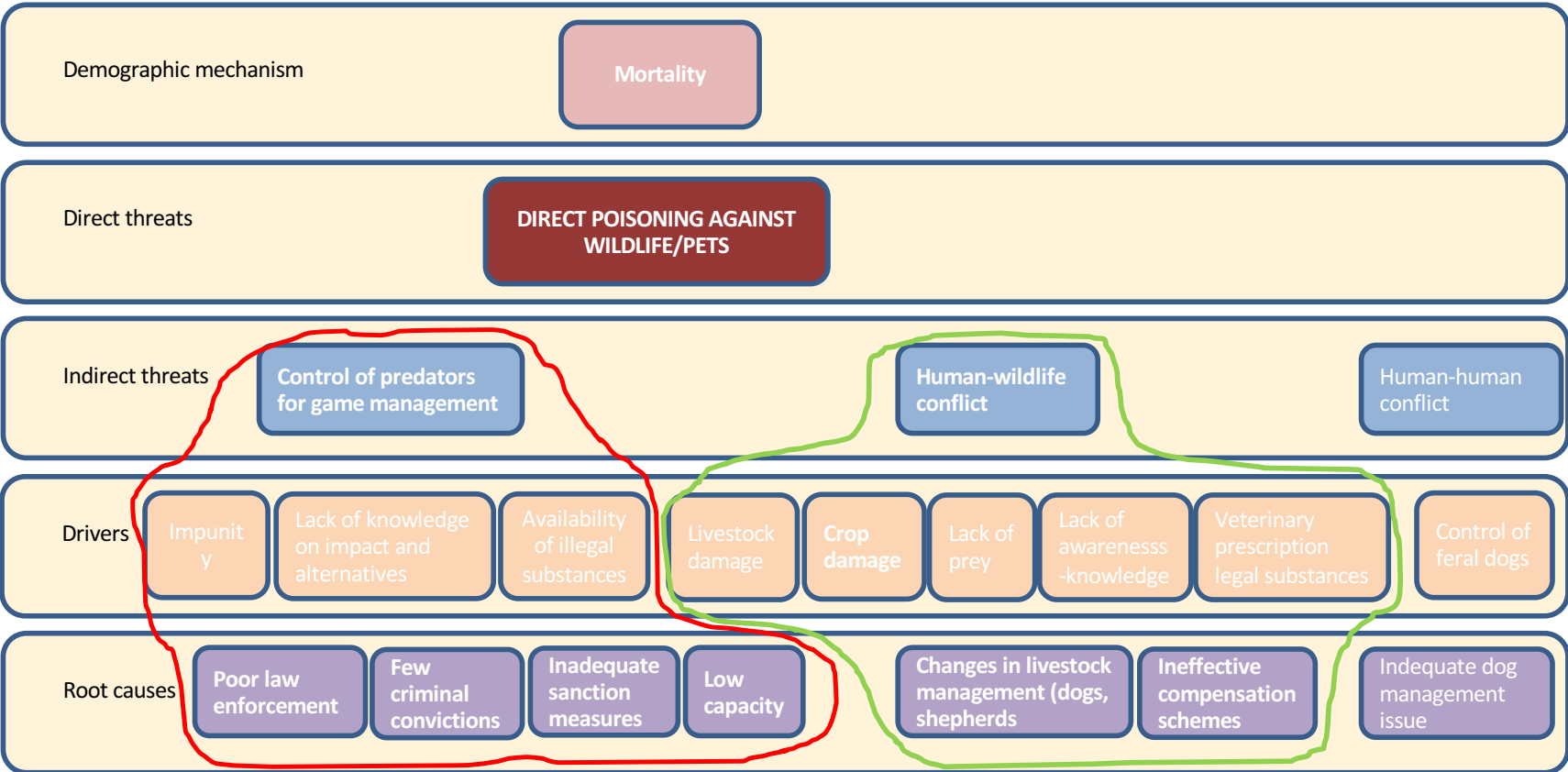
# Threats categorization & analysis

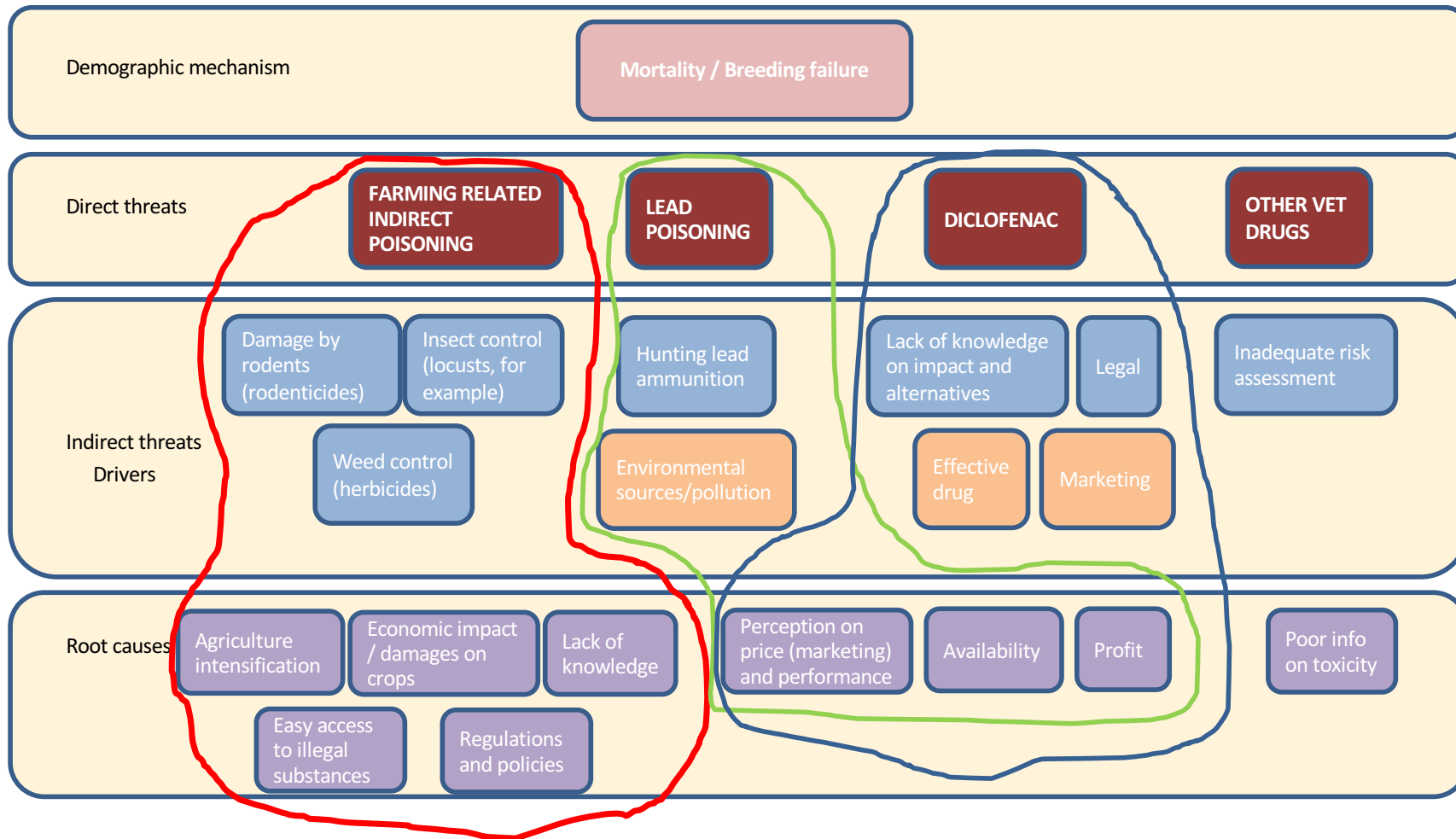


- Link to clear drivers and root causes
- Actors and reasons for behavior specified

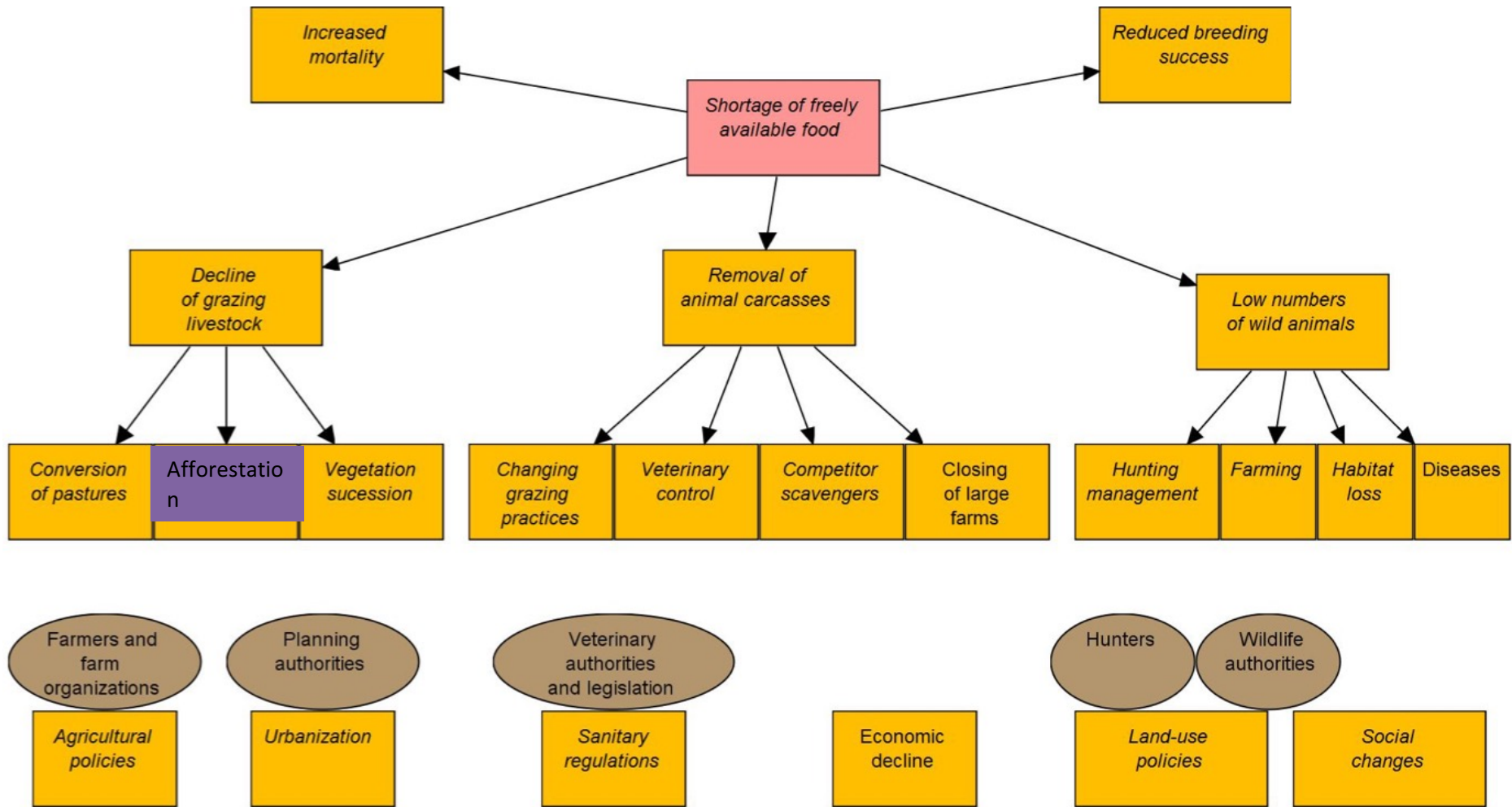
**=> Decision on course of action based on the above**

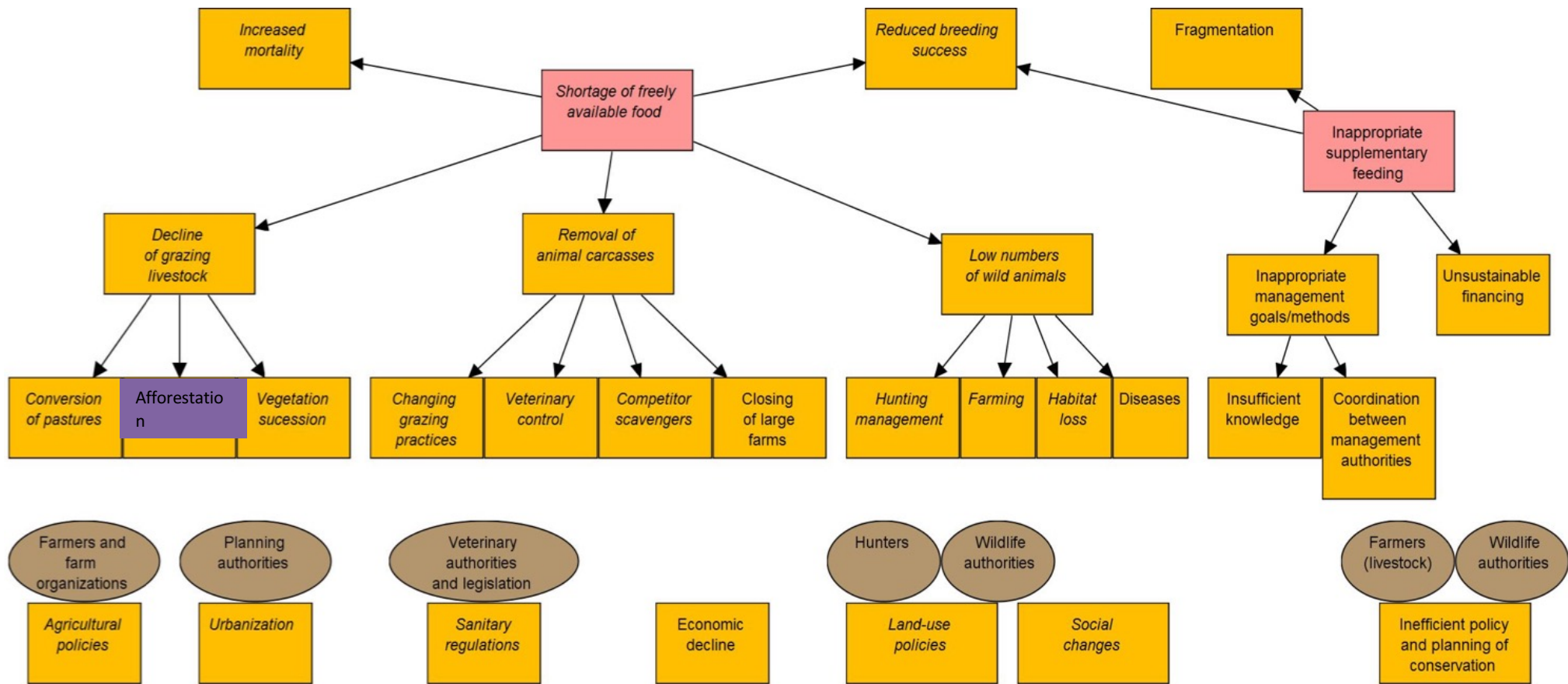


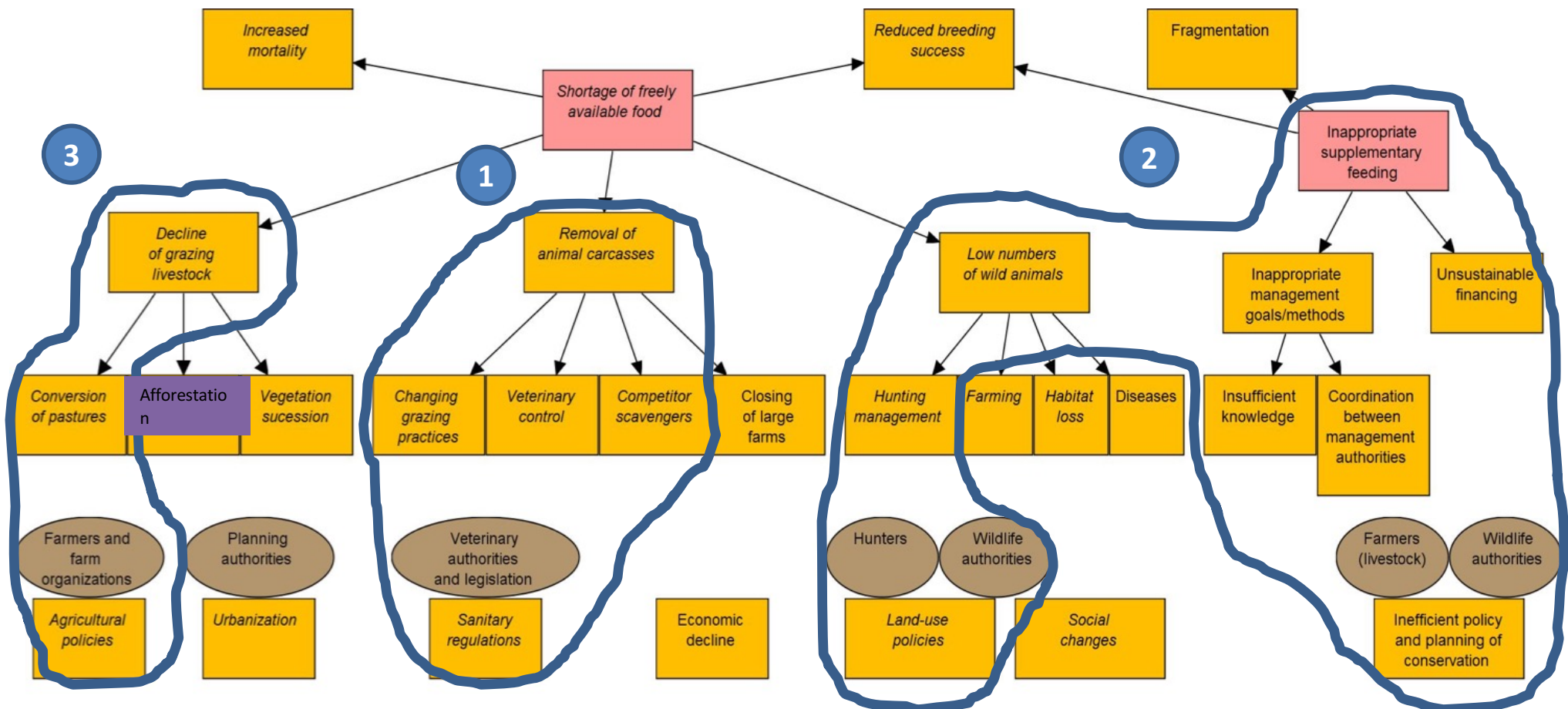


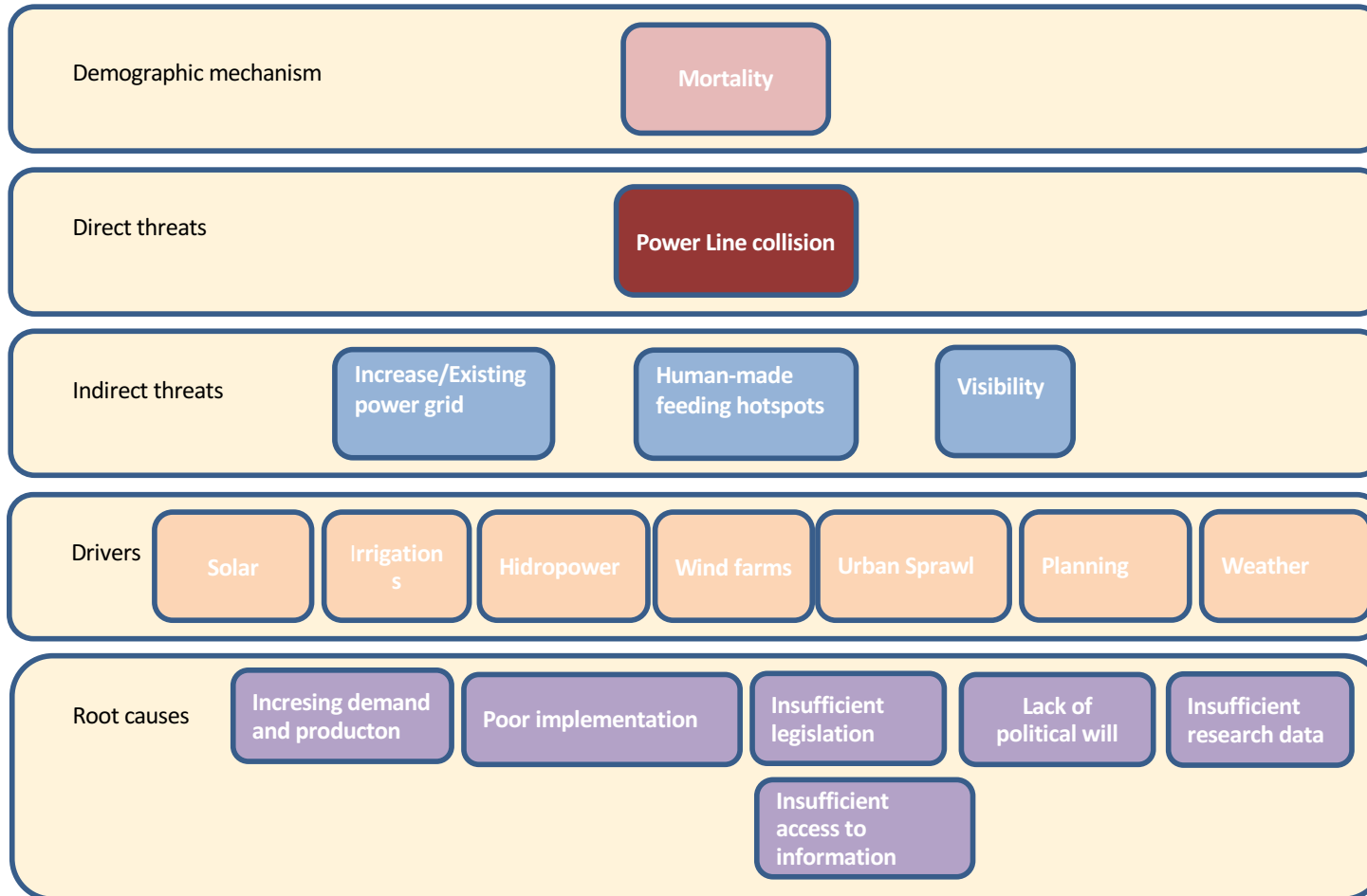


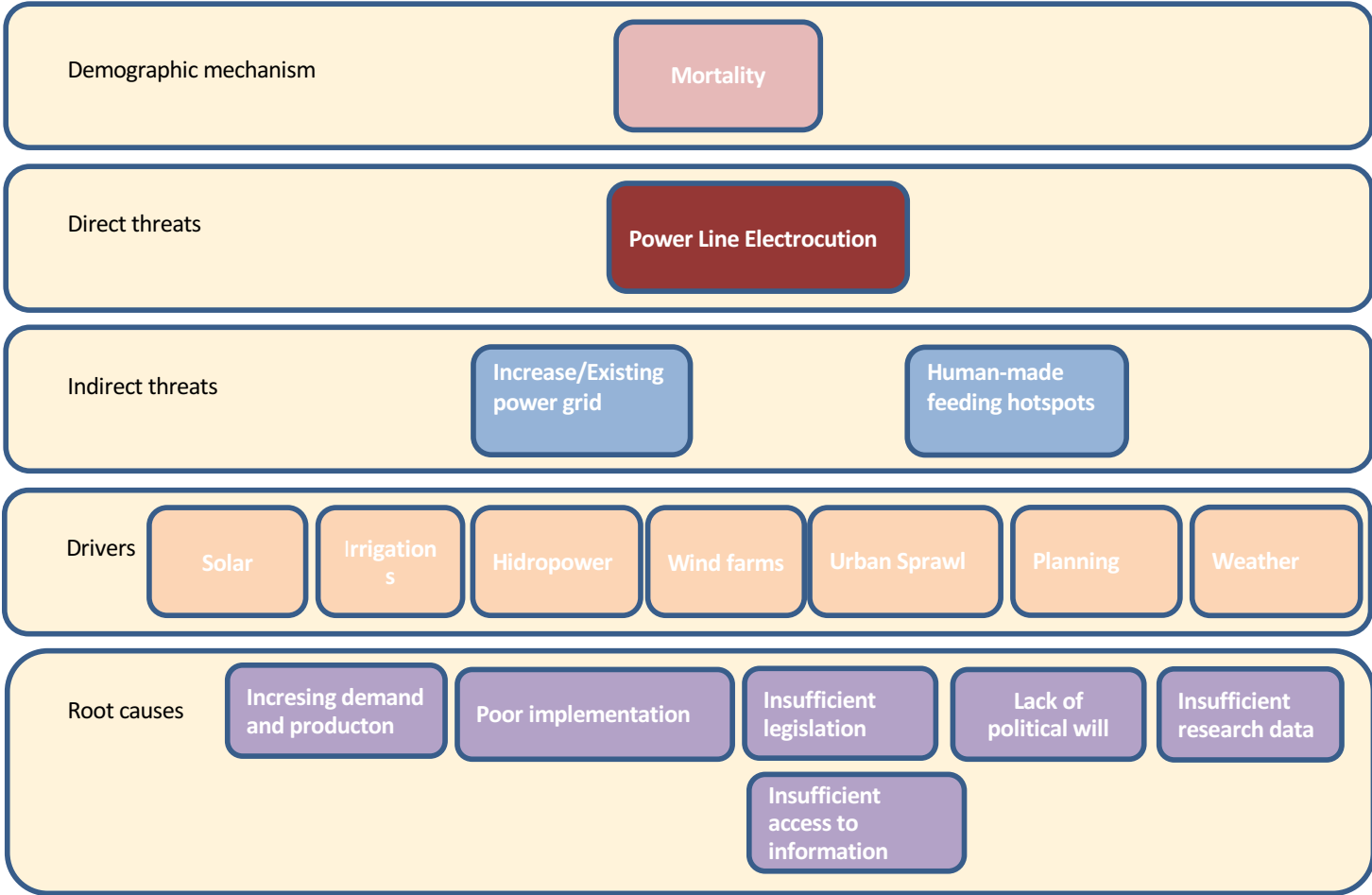


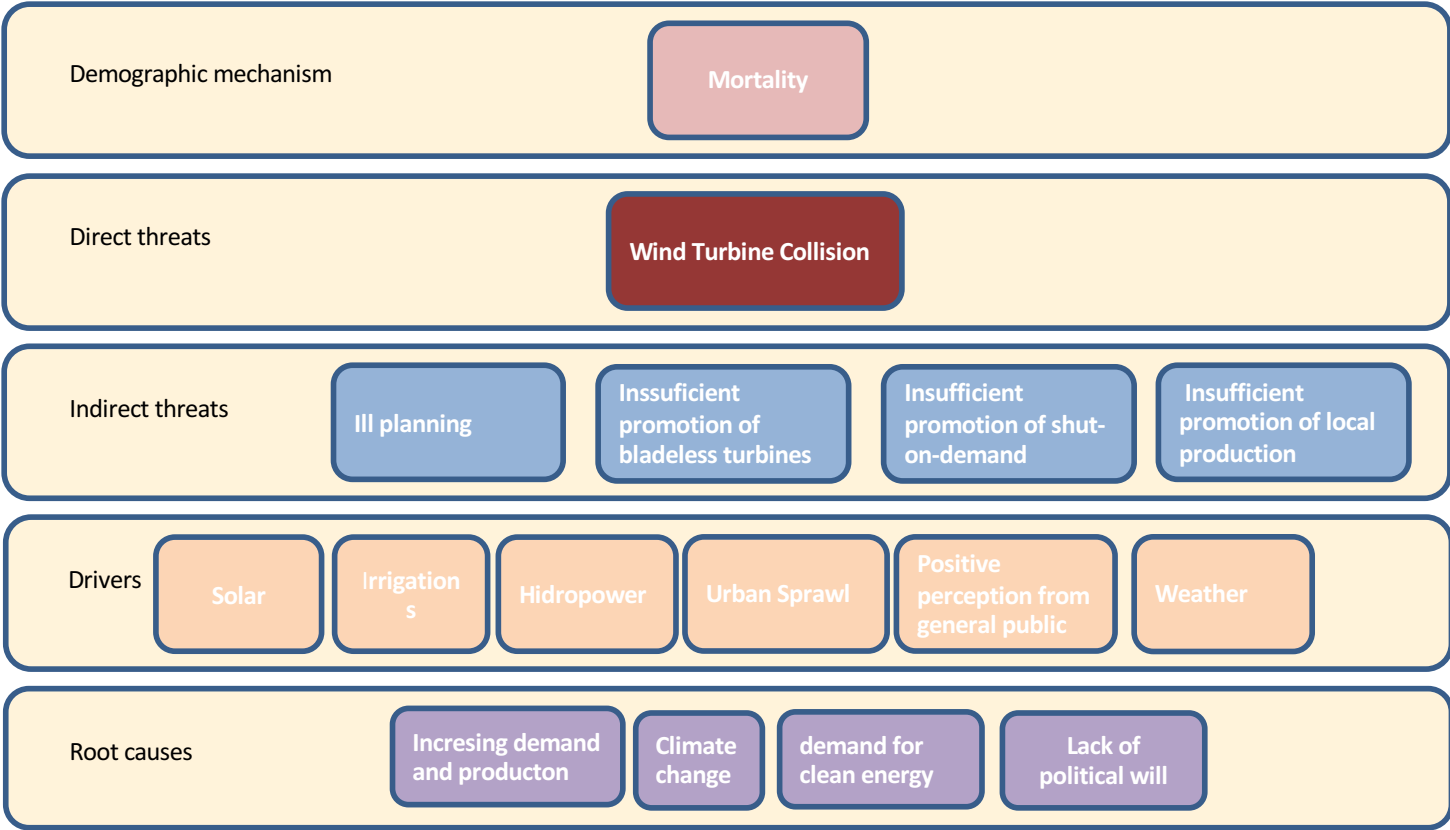


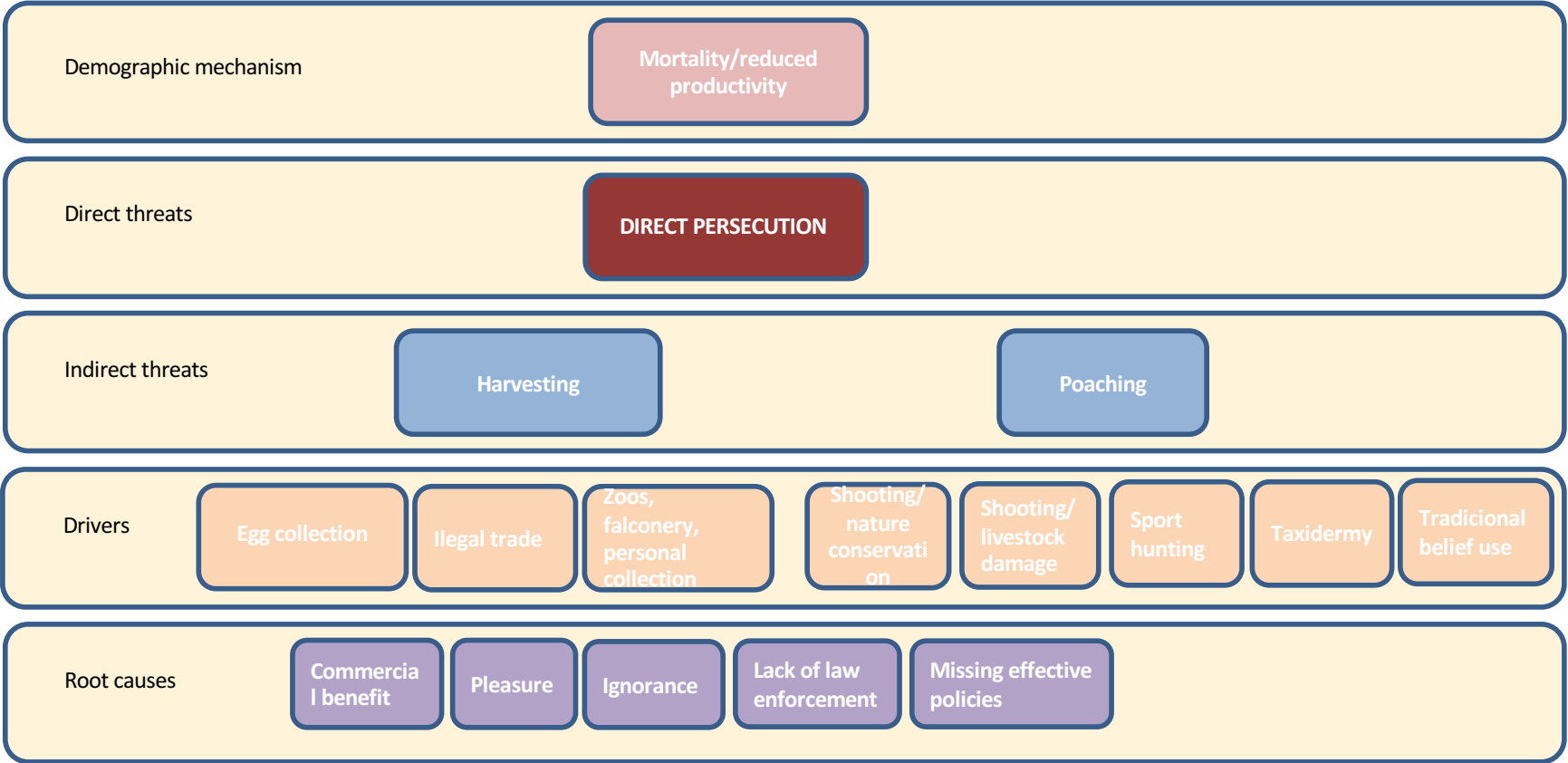


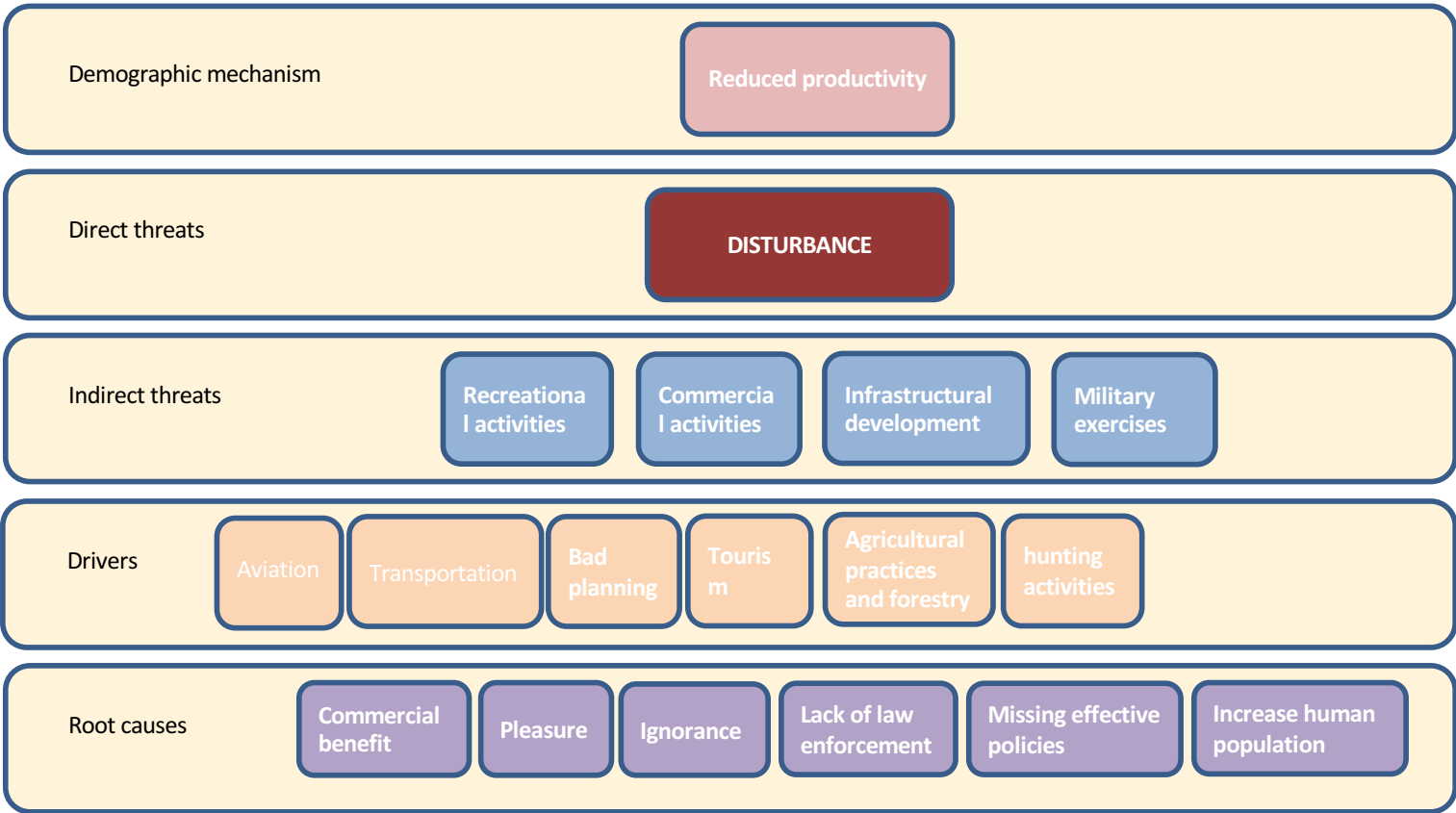














# Threats categorization & analysis

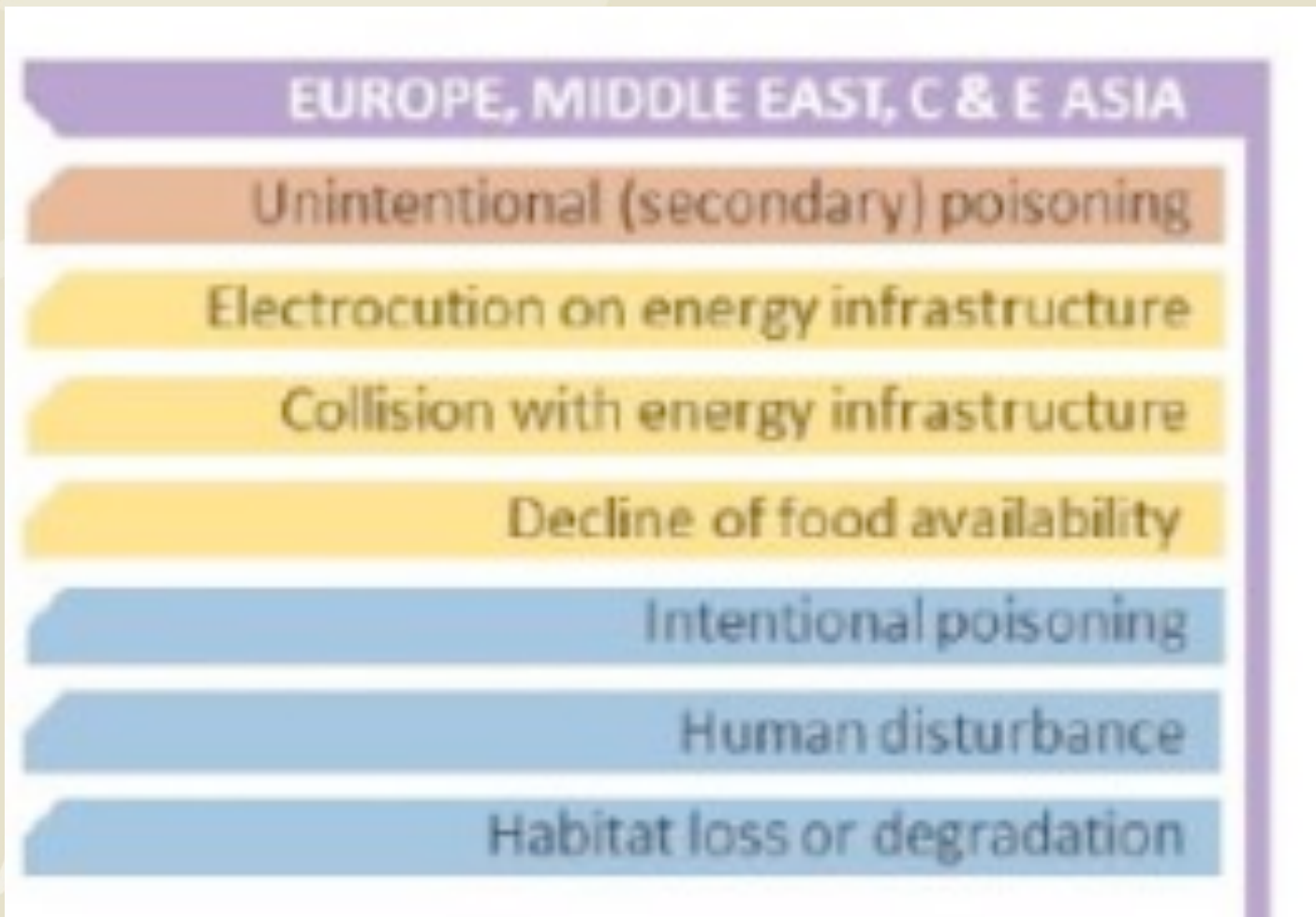
- Clear and specific definition of each direct threat
- Rank by order of impact (scope, timing, severity)



TALKING + (W)TALKING

THREATS (DIRECT)	SCOPE	SEVERITY	TIMING	IMPACT	RANK
Poisoning (persecution of predators)	3	3	3	9	I
POISONING OF WATER BIRDS	2	3	3	8	II
Veterinary drugs (intoxication)	3	1	3	7	II
Lead poisoning	3	2	3	8	I
Poisoning (secondary e.g. rodenticides)	2	3	1	6	II
PHOTOVOLTAIC	3	2	2	7	II
Electrocution					I
Collision with windfarms	2	2	1	5	

# Consolidated draft threat prioritization (Europe, Middle East & Central Asia)



# Poisoning



Definition	Scope	Seve.	Time	Overall impact	Rank	Evidence
Direct poisoning against wildlife/pets	3	3	3	Critical	1	Good
Farming related indirect poisoning	2	1	3	High	3	Poor
Lead poisoning	2	2	3	High	2	Good on effects/poor on pop. dynamics population impacts
Diclofenac	1	3	2	High	3	Good
Poisoning by other vet drugs	2	1	3	High	3	Poor
Poisoning of pests on dumps	1	1	3	Medium	4	Poor

# Food availability



Definition	Scope	Severity	Time	Overall impact	Rank	Evidence
Shortage of freely available food	3	3	3	Critical	1	Good
Inappropriate supplementary feeding	2	1	3	High	2	Good
Unsafe water	1	1	3	Medium	3	Poor
Shortage of water	1	1	3	Medium	3	Poor

# Collision and electrocution



Definition	Scope	Severity	Time	Overall impact	Rank	Evidence
Collision with moving vehicles	1	0	3	Medium	3	Poor
Collision with any man made infrastructure excluding power lines or wind turbines	0	0	3	Low	4	Poor -ski resorts better)
Collision with any energy cables (transport and distribution)	3	2	3	Critical	1	Good
Electrocution at power poles and pylons	3	2	3	Critical	1	Good
Collision with wind turbines	2	2	3	High	2	Unknown

# Other threats



Definition	Scope	Severity	Time	Overall impact	Rank	Evidence
Direct Persecution	2	1	3	High	1	Good
Disturbance from Human Activities (T)	2	1	3	High	2	Poor
Destruction of Habitat (P)	1	2	3	High	3	Good
Genetic diversity loss	0	1	1	Low	4	Poor

# Group work (tomorrow)



3 groups – i) Unintentional poisoning, ii) electrocution & collision, iii) decline of food availability & other threats

- ✓ Qualify and validate threat prioritization from Monfrague
- ✓ Check problem trees



- Brainstorm – all ideas count
- Debate – focus on priorities
- Write on cards
- Write clearly. Large letters, one idea per card
- Keep moving – don't get stuck on details, review
- Record accurately and in full detail
- Report to plenary

+  
Recorders  
Time keepers  
Reporters

# Always present...



- Priorities
- Science-based – information, not supposition
- All 5 species taken together
- All ranges considered
- All populations pooled



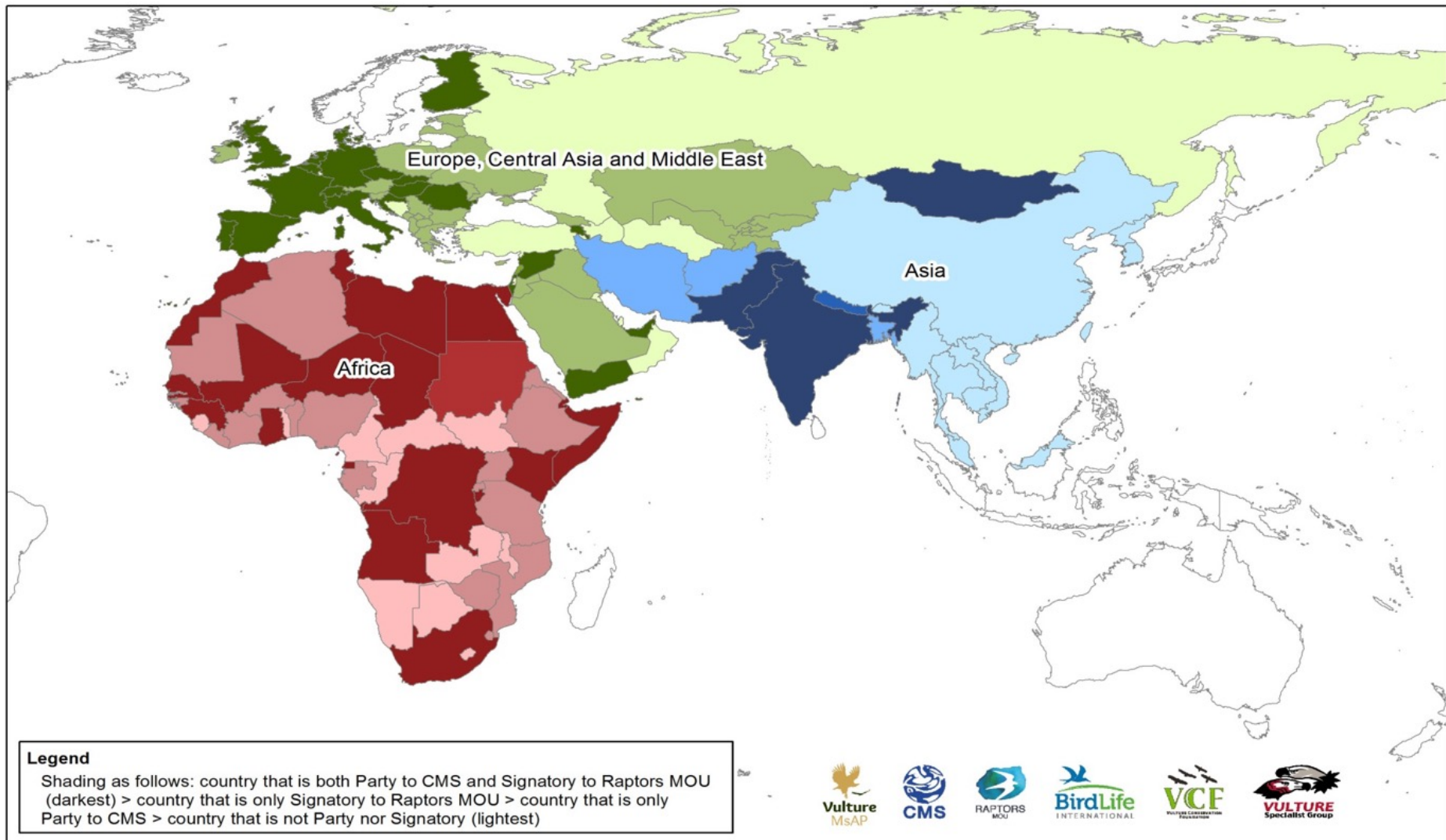
Vulture Multi-species Action Plan



# Always present...



Vulture MsAP Range States and Regions





End of day 1

Vulture Multi-species Action Plan