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Organisation
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de la Santé
Animale

World
Organisation
for Animal
Health

Organización
Mundial
de Sanidad
Animal



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INFRASTRUCTURE AND LEGISLATION NECESSARY TO

PREVENT SPREAD OF THE DISEASE THROUGH TRADE





Organisation
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Animal

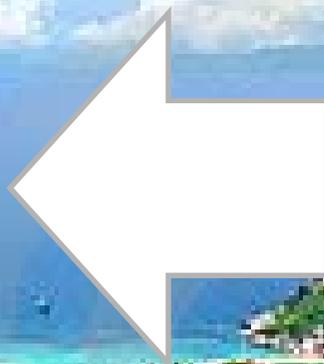
**Patrick Bastiaensen
OIE Sub-Regional
Representation for Southern
Africa**

**FAO/OIE Regional Conference on
RIFT VALLEY FEVER
Mombasa, Kenya
November 12-15, 2012**



Introduction and general principles

Importing country



Exporting country

Introduction and general principles



SPS Agreement

Importing country



Exporting country

Introduction and general principles

Sanitary or phytosanitary measures which conform to international standards, guidelines or recommendations shall be deemed to be necessary to protect human, animal or plant life or health, and presumed to be consistent with the relevant provisions of this [SPS] Agreement

Importing country

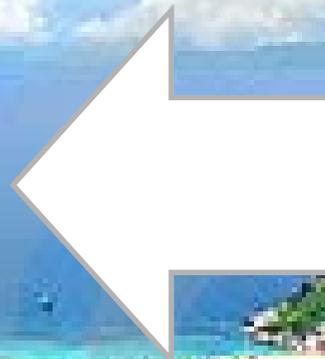


Exporting country

Introduction and general principles

Members shall ensure that their SPS measures do not arbitrarily or unjustifiably discriminate between Members where identical or similar conditions prevail, **including between their own territory and that of other Members.**

Importing country



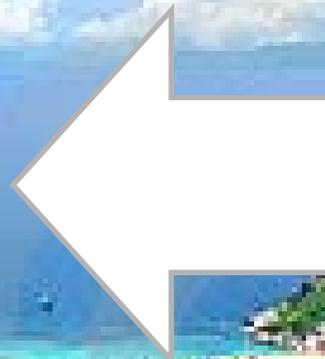
Exporting country

Introduction and general principles

Infrastructure
Systems
Legislation

Infrastructure
Systems
Legislation

Importing country



Exporting country

Introduction and general principles

Infrastructure
Systems
Legislation



Infrastructure
Systems
Legislation

Importing country



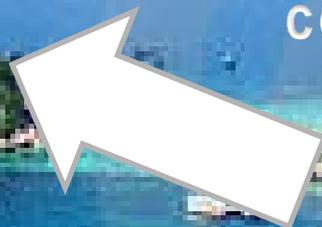
Exporting country

Introduction and general principles

Importing country

Transit
country

Exporting country



Introduction and general principles



Importing country

Transit country

Exporting country



Rift Valley Fever

Surveillance

- Clinical -
- Serologic -
- Sentinel -

depending
on the
status

Surveillance

- Clinical -
- Serologic -
- Sentinel -

Importing country

Transit
country

Exporting country



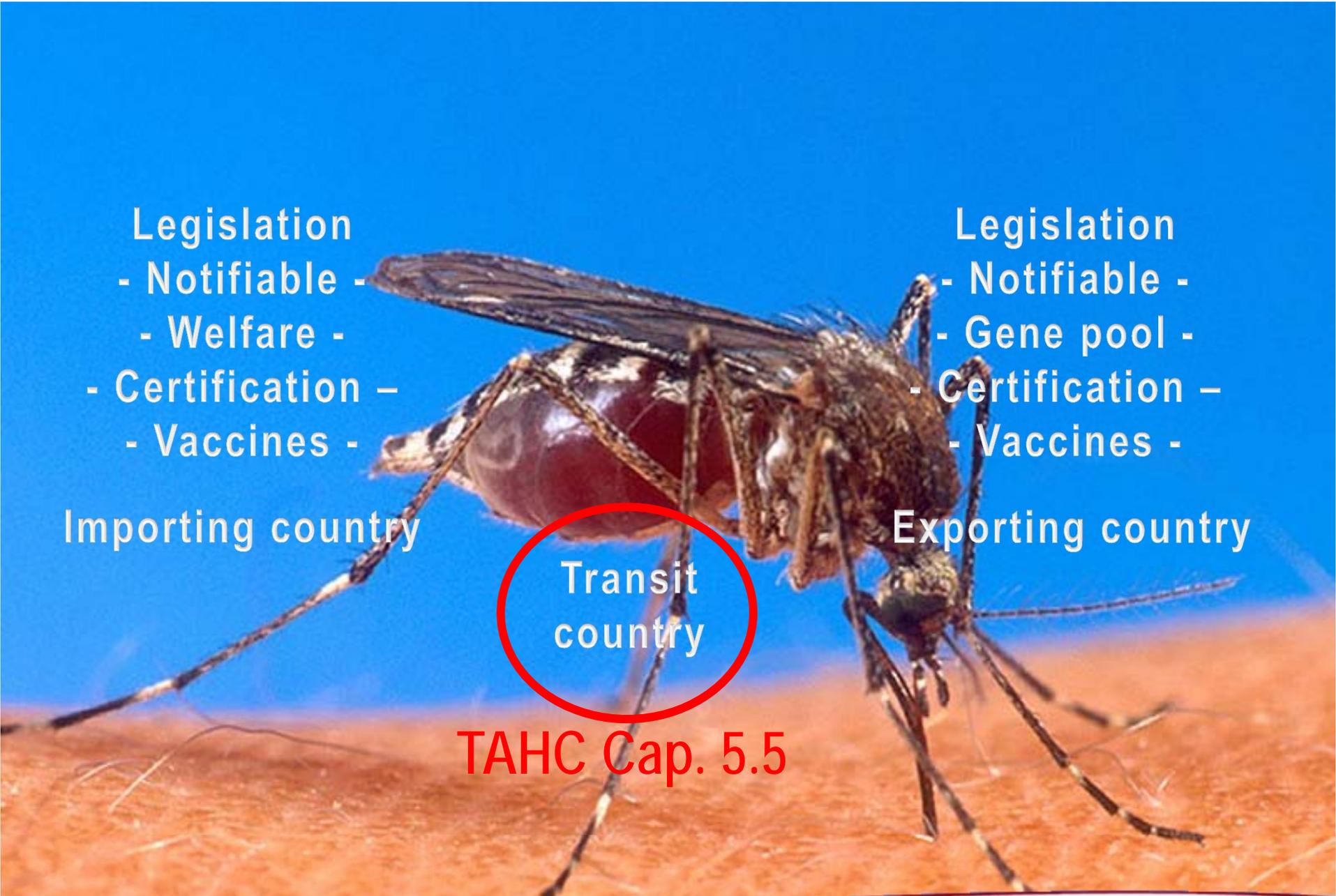
Rift Valley Fever

close consultation and exchange of information with the public health authority

Rift Valley Fever is a zoonosis



Rift Valley Fever is a zoonosis

- 
- Legislation
 - Notifiable -
 - Welfare -
 - Certification -
 - Vaccines -

Importing country

Transit
country

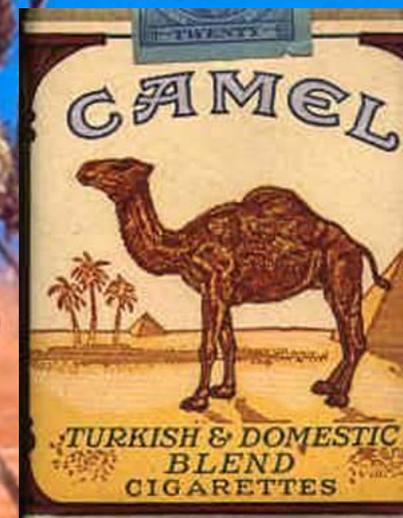
- Legislation
- Notifiable -
- Gene pool -
- Certification -
- Vaccines -

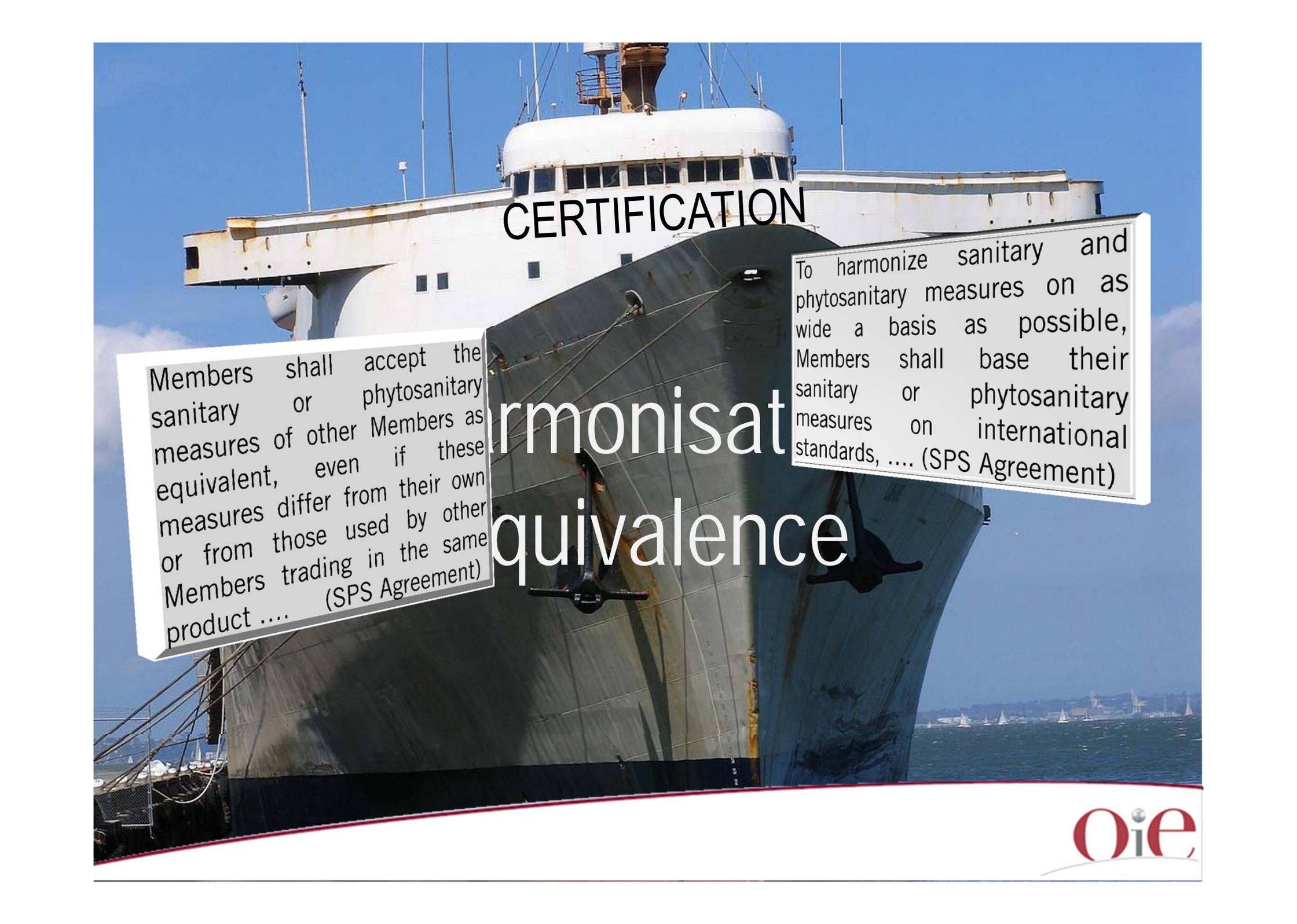
Exporting country

TAHC Cap. 5.5

Proper definition of susceptible animals, vectors and in particular 'ruminants' and 'wild ruminants'.

For the purposes of trade (TAHC), ruminants include camels.



A large cargo ship is shown from a low angle, with its white superstructure and dark hull visible against a clear blue sky. The ship's bridge and various antennas are prominent. The word 'CERTIFICATION' is written in large, bold, black letters across the upper part of the ship's superstructure. Two white text boxes with black borders are overlaid on the image, containing text from the SPS Agreement. A large, semi-transparent white text overlay is centered over the ship's hull.

CERTIFICATION

Members shall accept the sanitary or phytosanitary measures of other Members as equivalent, even if these measures differ from their own or from those used by other Members trading in the same product (SPS Agreement)

Harmonisation
equivalence

To harmonize sanitary and phytosanitary measures on as wide a basis as possible, Members shall base their sanitary or phytosanitary measures on international standards, (SPS Agreement)



CERTIFICATION

Harmonisation
Equivalence
*....little ground for
equivalence disputes...*

Diagnostic infrastructure

Identification of the agent :

- (cell/animal)Culture
- AGID
- PCR
- Histopathology

Identification of the antibody:

- Virus neutralisation recommended
- ELISA(s)
- Haemagglutination inhibition

Equivalence

*....little ground for
equivalence disputes...*

Diagnostic infrastructure

Identification of the agent :

- (cell/animal)Culture
- AGID
- PCR
- Histopathology

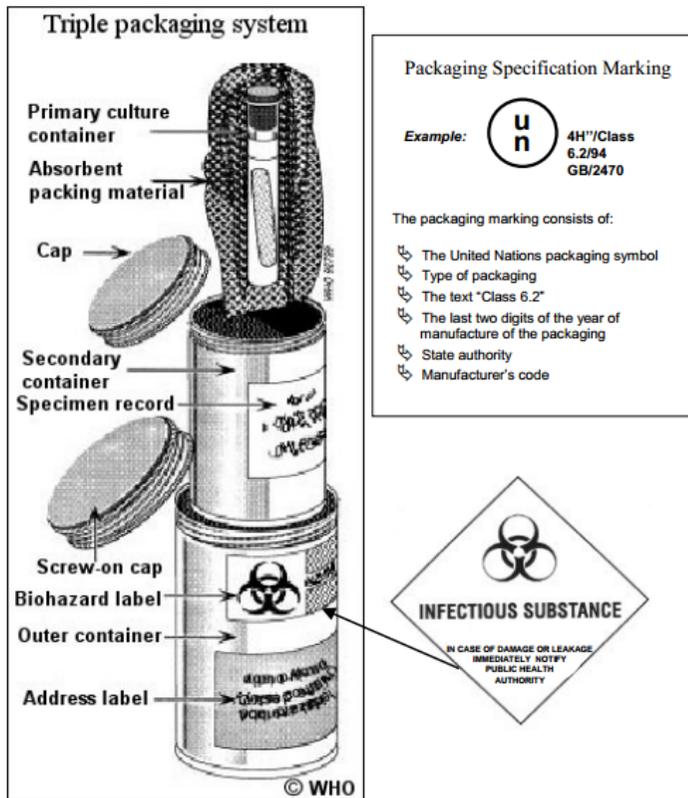
Identification of the antibody:

- Virus neutralisation recommended
- ELISA(s)
- Haemagglutination inhibition

The Advisory Committee on Dangerous Pathogens classifies RVF as a **group 3** pathogen, requiring strict containment

Diagnostic infrastructure

- Biosafety level-3 (BSL-3) guidelines are applicable in laboratories



- UN-64 containers are applicable to transport of samples (triple packaging)
- Standard precautions (Good Clinical Practice) apply to the manipulation of animals, patients or tissue/organs regardless of the infectious status. They apply to:
 - blood
 - all body fluid secretions / excretions
 - non-intact skin
 - mucous membranes

They include hand hygiene, use of gloves and protective clothing, environmental hygiene, safe disposal of waste and precautions for the prevention of sharps injuries.

There is no OIE official pathway for RVF



'self-declaration'

The screenshot shows the OIE Information Management System interface. At the top, it says "OIE Interface" and "OIE Information Management System". Below that, there are navigation links: "Home page", "Country information", "Diseases information", "Disease control measures", "Countries sanitary situation comparison", and "Data between 1996 and 2004". The language is set to "English / Français".

The main content area is titled "Summary of Immediate notifications and Follow-ups - 2010" and "Rift Valley fever". The year is set to "2010".

Country name	Status	Number of outbreaks	Event summary	Full report	Animals affected																									
Botswana	Resolved 28/11/2010		Summary	Full report	<table border="1"><thead><tr><th>Species</th><th>Susceptible Cases</th><th>Deaths</th><th>Destroyed</th><th>Slaughtered</th></tr></thead><tbody><tr><td>Cattle</td><td>1127</td><td>21</td><td>3</td><td>0</td></tr><tr><td>Goats</td><td>1689</td><td>125</td><td>95</td><td>0</td></tr><tr><td>Sheep</td><td>308</td><td>9</td><td>5</td><td>0</td></tr><tr><td>Animals</td><td>3122</td><td>155</td><td>103</td><td>0</td></tr></tbody></table>	Species	Susceptible Cases	Deaths	Destroyed	Slaughtered	Cattle	1127	21	3	0	Goats	1689	125	95	0	Sheep	308	9	5	0	Animals	3122	155	103	0
Species	Susceptible Cases	Deaths	Destroyed	Slaughtered																										
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Mauritania	Resolved 28/02/2011		Summary	Full report	<table border="1"><thead><tr><th>Species</th><th>Susceptible Cases</th><th>Deaths</th><th>Destroyed</th><th>Slaughtered</th></tr></thead><tbody><tr><td>Camelidae</td><td>120</td><td>29</td><td>20</td><td>12</td></tr><tr><td>Sheep / goats</td><td>550</td><td>144</td><td>1</td><td>0</td></tr><tr><td>Animals</td><td>670</td><td>173</td><td>21</td><td>12</td></tr></tbody></table>	Species	Susceptible Cases	Deaths	Destroyed	Slaughtered	Camelidae	120	29	20	12	Sheep / goats	550	144	1	0	Animals	670	173	21	12					
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Namibia	Resolved 25/02/2011		Summary	Full report	<table border="1"><thead><tr><th>Species</th><th>Susceptible Cases</th><th>Deaths</th><th>Destroyed</th><th>Slaughtered</th></tr></thead><tbody><tr><td>Goats</td><td>378</td><td>7</td><td>7</td><td>0</td></tr><tr><td>Sheep</td><td>7062</td><td>56</td><td>22</td><td>3</td></tr><tr><td>Sheep / goats</td><td>300</td><td>6</td><td>6</td><td>0</td></tr><tr><td>Animals</td><td>8240</td><td>69</td><td>35</td><td>3</td></tr></tbody></table>	Species	Susceptible Cases	Deaths	Destroyed	Slaughtered	Goats	378	7	7	0	Sheep	7062	56	22	3	Sheep / goats	300	6	6	0	Animals	8240	69	35	3
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Certification



Safe commodities :

- Wool & fibres
- Skin & hides

- Milk ?

- Meat : maturation of carcasses at a temperature above $+2^{\circ}\text{C}$ for a minimum period of 24 hours following slaughter.

Certification

Zone ✓

Compartment ✗

Containment ✗

Live animals :

- Vaccination (21 days)
 - modified live virus ^{recommended}
 - ~~inactivated~~

Equivalence

*....little ground for
equivalence disputes...*

Certification

Live animals :

- Vaccination (21 days)
 - modified live virus ^{recommended}
 - ~~inactivated~~
- Quarantine (30 days)
 - export
 - import
 - mosquito proof !



Certification



Certification

Live animals :

- Vaccination (21 days)
 - modified live virus ^{recommended}
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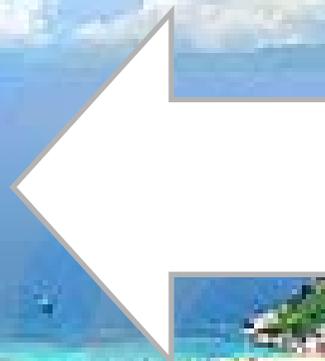
Certification

Live animals :

- Vaccination (21 days)
 - modified live virus ^{recommended}
 - ~~inactivated~~
- Quarantine (30 days)
 - export
 - import
 - mosquito proof !
- Identification (not imposed)

Certification

Importing country



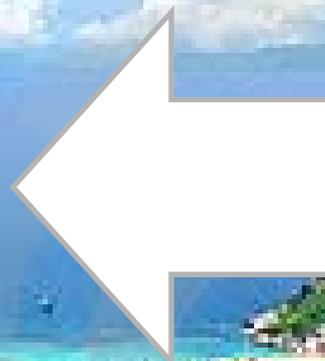
Exporting country

Certification

list of border posts, quarantine stations,
approved abattoirs and storage depots which
are **approved for international trade**

Importing country

Exporting country



Certification

emergency preparedness

Importing country

Exporting country



shutterstock

Certification

Ψετδ!

ک غصه

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Oie

Asante sana

Organisation mondiale
de la santé animale

World Organisation
for Animal Health

Organización Mundial
de Sanidad Animal

