



POSOW

Preparedness for Oil-polluted

Shoreline cleanup and

Oiled Wildlife interventions

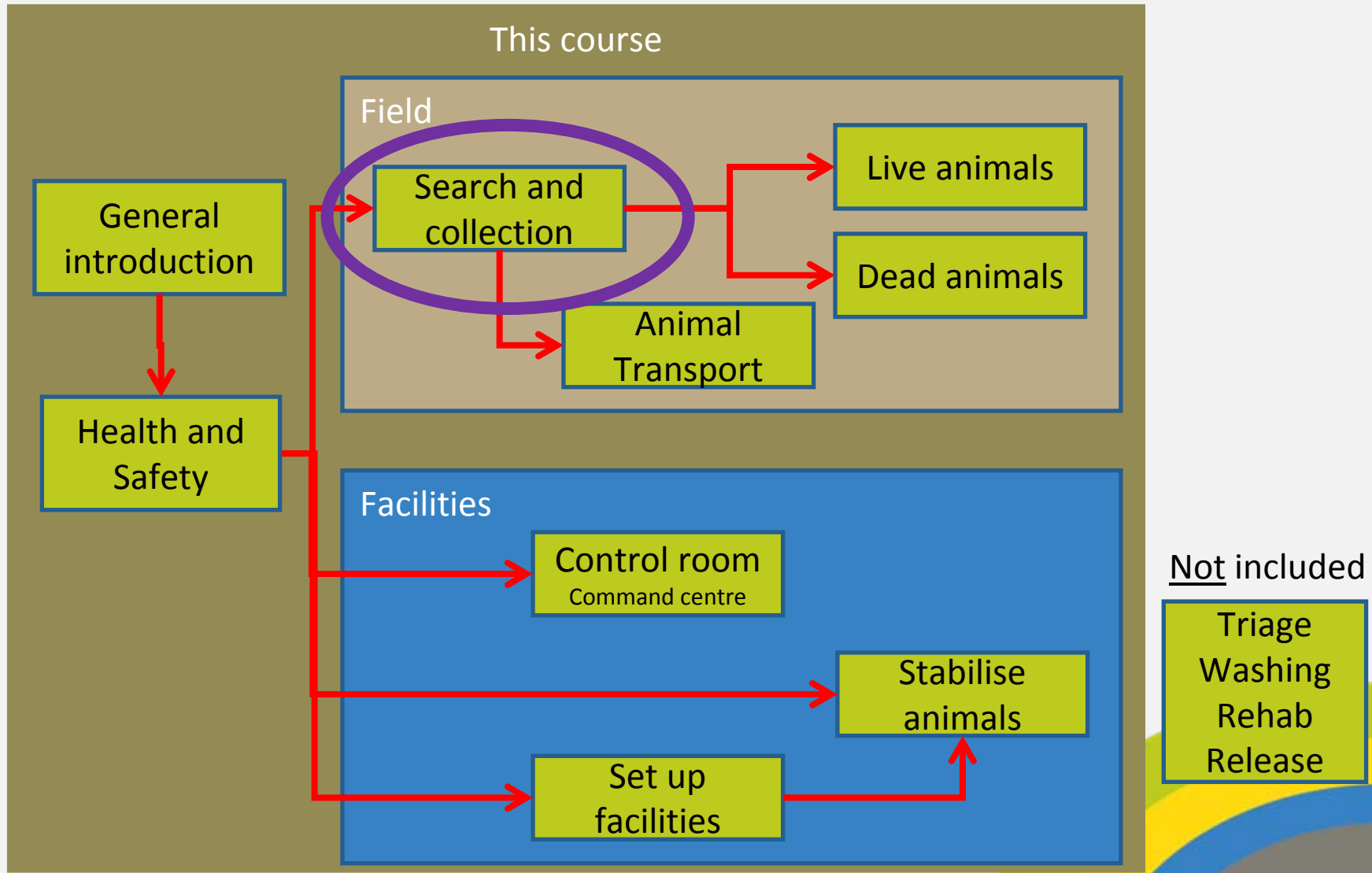
Search and Collection

- Organisation of the operation
- Capturing live oiled animals
- Collecting dead oiled animals

From preparation to containing on the beach



Overview of the wildlife course



Organisation of the operation

- Plan and prepare
- Health and safety
 - Working outside
 - Working on the shoreline
- Environmental safety
- Arrival at the shore
- Return from the shore



Plan and prepare



- The command centre is essential
 - Information on the spill & oil
 - Overview - Resources - Finances
 - Where are animals most likely to found?
 - Identify the best beaches
 - Identify Beachhead Collection Points
 - Optimise the efforts
 - More than one team may be available & needed
 - Optimise resources
 - Transport of people
 - Transport of animals
 - Provision of equipment
 - Coordination & wellbeing of teams
 - Solve problems



Plan and prepare



- When is best time for fieldwork?
 - Early morning?
 - During the day?
 - At night?
 - At high tide?
- Depends on species
 - Where are arrivals expected?
- Depends on circumstances
 - Animals dead or alive
 - Wind direction
 - Availability of resources

Plan and prepare

- Remember to take:
 - PPE
 - Field equipment
 - Maps
 - Communication
 - Personal provisions (long days)
 - Food & snacks
 - Hot or cold drinks, water
 - Personal medication
 - Extra clothing, rain coat
 - Sunglasses
 - Address and tel. nr. Beachhead Collection Point and command centre



Plan and prepare



Take enough cardboard boxes/pillowcases/cotton bags

- All types are good if they can be closed
- Provide holes for ventilation

• Take newspaper and towels to absorb water and oil



Plan and prepare



- Alternatives?
 - Open sides allow birds to attempt escape leading to further injury
- Cover open cages with towels to provide darkened conditions to reduce stress



H&S - Safety on the road



- Drive carefully and responsibly
 - respect traffic rules
- Use seat belts
 - Passengers too
- Don't drive if tired
 - Take a rest before driving
 - Regular stops on long drives
- Avoid distractions while driving
 - No mobile phone use
 - No map reading

H&S – working outside

The sun

- Sand, shingle and sea reflect the sun's harmful rays
- Sunglasses, sunscreen and a hat are essential to protect you from the sun
 - Be aware of hyperthermia (and/or sunstroke)
 - Take regular rests in the shade
 - Care for your team members
- Drink regularly



H&S – working outside

Bad weather



- Protect yourself with enough layers under your PPE
- Be aware of any early morning chill factor
 - An air temp of 0°C and a wind speed of 10 kph provides a wind-chill factor of -3°C
- When walking for hours in these cold winds you can risk hypothermia.

H&S – On the shoreline



- The coastline can be a dangerous environment including:
 - Marshes, reeds, tidal mudflats, enclosed beaches or bays, steep slopes and slippery rocks
- Your health and safety comes first!
 - You can't help if you break a leg
- Don't go catching birds on your own!

H&S - Summary of potential risks

- Animal injuries (bites, cuts & scratches)
- Zoonoses (animal disease)
- Physical injury (lifting, slips, trips & falls)
- Hypo- & hyperthermia
- Fumes (from fresh oil)

H&S - Reducing the risks

- Identify risks on arrival and take measures
- Follow instructions from authorities
- Never go out alone
 - Take care of your buddies
- Wear your PPE
 - Gloves, goggles, overalls
- Good footwear is essential
 - Wellington boots or good walking boots
- Ensure good lifting techniques
 - Lift with the knees
- Do not eat / drink in oily environment

Environmental safety



- Avoid spreading oil
 - DON`T wear oiled boots on clean beaches, roads, etc.
 - DON`T wear oiled PPE in unprotected vehicle
- Minimise oiled waste
 - Don't mix oiled waste with other garbage
 - Keep separate
 - Dispose at decontamination centre

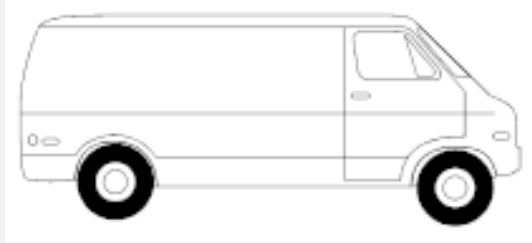
Arrival at the shore



- Check for any other clean-up activities
 - Do not disturb other operations
- Some beaches may be closed by officials
 - Police, local authorities, army, security
- Identify yourself to officials at checkpoints and any other security checks
- Inform command centre if any problems



Arrival at the shore



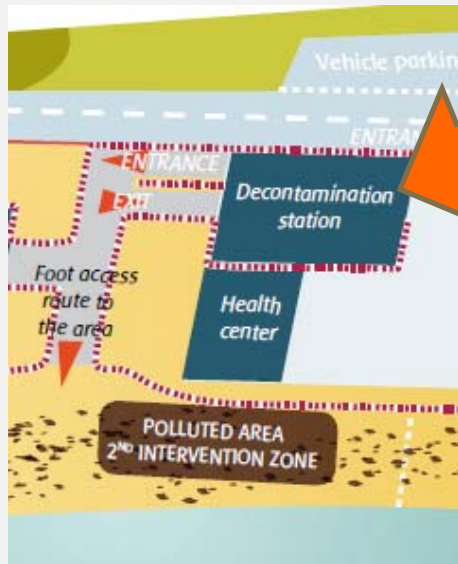
- Check in or create Beachhead Collection Point (BCP)
 - BCP could be a vehicle
- Tactical plan
 - Assess potential safety risks
 - Identify whereabouts animals
 - Work in pairs
 - Divide tasks, areas
 - Organise deliveries at BCP
 - Use a 4x4?
 - Ensure communication and emergency procedure

Arrival at the shore



- Team leader supervises
 - Activities
 - Deliveries at BCP
 - Ensure safety, safe returns
 - Log out
 - Contact command centre
 - If plans need to be changed
 - Emergencies
 - To report result of mission
 - # animals put on transport

Once shoreline sector is completed



- Animals are contained & delivered to BCP
- Decontamination
 - Remove your PPE and place it in the decontamination station
 - If there is no decontamination zone, place it in a plastic bag for appropriate disposal
- Report to Command Centre
- Drive back

Thank you very much!

Questions?

Des questions?

ερωτήσεις?

Otázky?

Domande?

Preguntas?

Mistoqsijiet?

Vprašanja?





POSOW

Preparedness for Oil-polluted

Shoreline cleanup and

Oiled Wildlife interventions

Disclaimer

All material produced under POSOW is available free of charge. No part of this PowerPoint presentation shall, by way of trade or otherwise, be lent, sold, hired or circulated for commercial purposes. The information available on this presentation is aimed only at facilitating access to information in the field of preparedness for and response to pollution from ships in the Mediterranean Sea. POSOW Presentations are made available for information purposes only. Any amendment, review, and update of the material produced under the project shall be authorized by REMPEC with the consent of its Partners and shall refer to the original document developed under the project. REMPEC and its partners do not assert that this material is faultless and make no warranty, nor assume any legal liability for the accuracy, completeness or usefulness of the information contained in the Presentation. REMPEC and its partners do not assume responsibility or liability for any direct, indirect or consequential damages from the use of the material available on the PowerPoint presentations of the Project POSOW.

Legal information

REMPEC: Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea

REMPEC

Maritime House, Lascaris Wharf

Valetta, VLT 1921, Malta

Tel: +356 21 337 296/7/8

Fax: +356 21 339 951

Email : rempec@rempec.org

Editor: F. HEBERT

