



POSOW

Preparedness for oil-polluted

Shoreline cleanup and

Oiled Wildlife interventions

POSOW

A preparedness project for European Civil Protection



POSOW is a project co-financed by EU under the Civil Protection Financial Instrument developed in cooperation with ISPRA, Cedre, Sea Alarm and CPMR and coordinated by REMPEC a regional Centre of the Barcelona Convention

Mediterranean coastal sensitivity

- Rich biodiversity
- Economic activities
- High population density



Target

Preparedness in Marine pollution and civil protection:

- Prompt & efficient response, decreasing the environmental impact
- Past incidents, e.g. Gulf of Mexico: thousands of volunteers to be trained



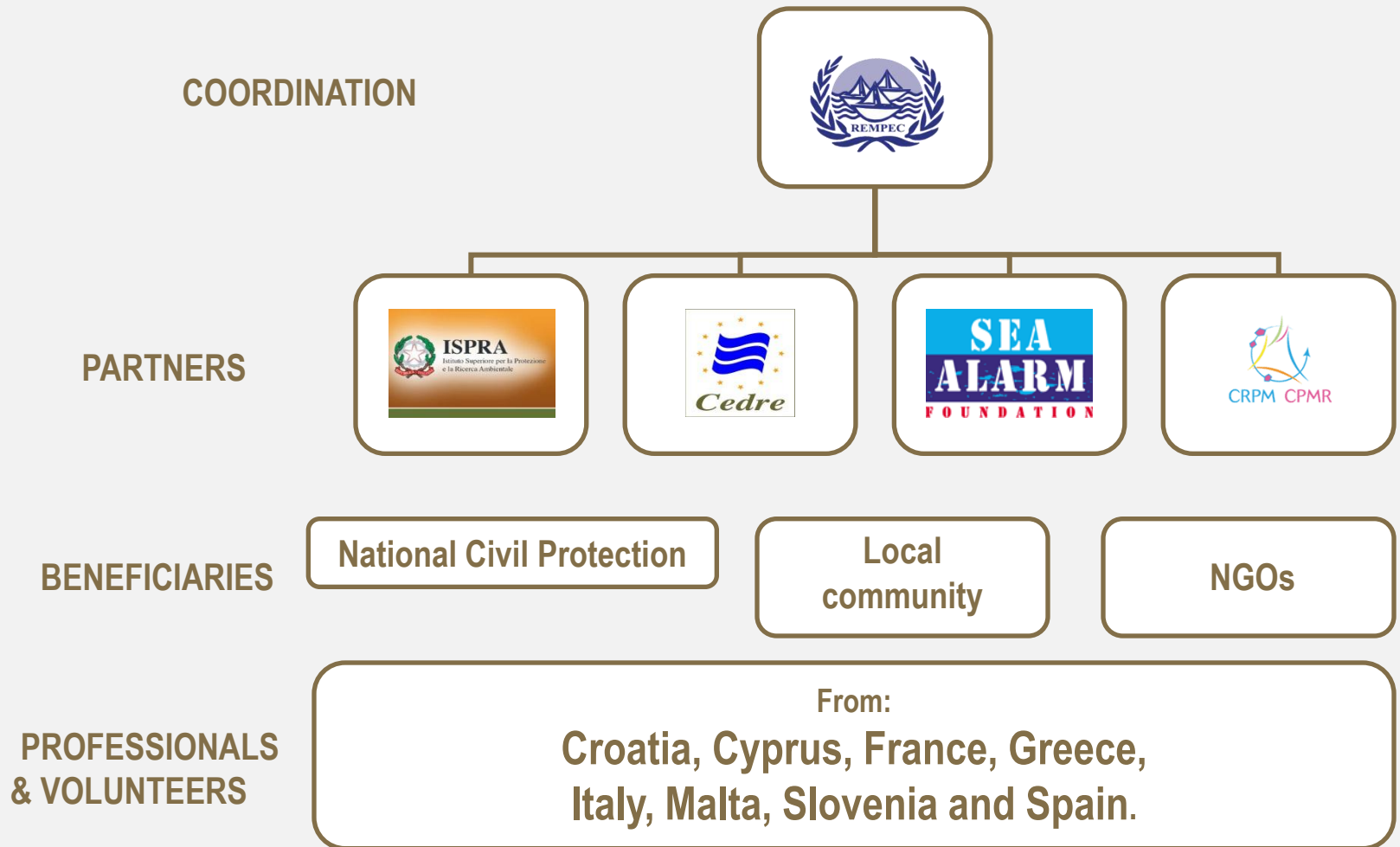
➔ High level of awareness and training required

Key points

- **24 months** duration
- **5 partners**
- Target: **National and local authorities & NGOs**
- Total budget : **606,112 €**
- EC Contribution (75%): **453,770 €**
- **8 European countries**



Partners & beneficiaries



Objectives

Harmonization of Procedures and tools

Develop training form volunteers on:



Oiled Shoreline
Cleanup



Oiled Shoreline
Assessment



Oil Spill Volunteer
Management



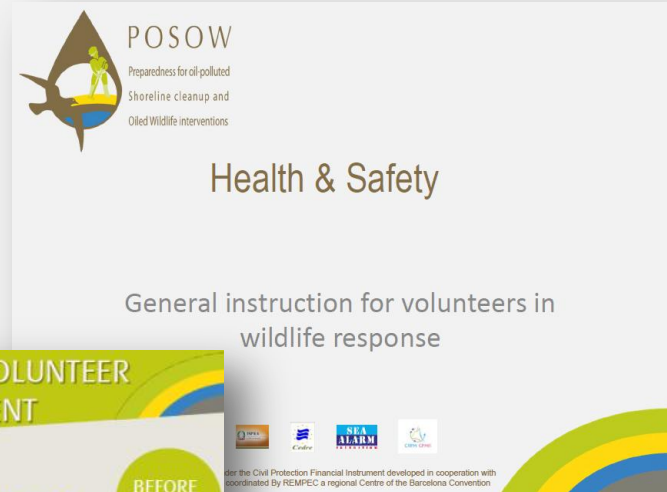
Oiled Wildlife
Response



Deliverables

Training Material Package:

- PowerPoint Presentations
- Instructor Manuals
- Manuals
- Posters



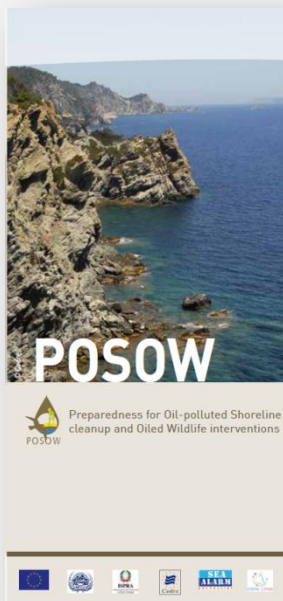
Deliverables

Capacity building:

- 2 training the trainers courses
- 8 National volunteer training courses

Information dissemination:

- Website, brochure, movie



21-23 May 2013

28-29 May 2013

Croatia

Northern Croatian Littoral

Southern Croatian Littoral

Greece

Attica

Central Macedonia

Thessaly

Ionian Islands

South Aegean

Crete

Italy

Marche

Veneto

Apulia (Puglia)

Slovenia – (Obalno-kraška)

Cyprus

Malta

France

Corsica

Languedoc-Roussillon

Provence-Alpes-Côte d'Azur

Spain

Catalonia

Valencia

Andalusia

Balearic Islands

Italy

Calabria

Sicily

Lazio

Liguria

Target audience

Training the trainers courses:

- Local authorities
- Local representative of Civil Protection
- Local NGOs

...to become local instructors

National volunteer training courses

...to establish a pool of volunteers



Management of the volunteers

GENERAL PRINCIPLES OF VOLUNTEER MANAGEMENT

Volunteer logistics management

Volunteers in the chain of command

Expected roles and tasks for volunteers

Personal Protective Equipment: features and proper use

TECHNICAL SUPPORT HANDOUTS

Template documentation

Volunteer registration form

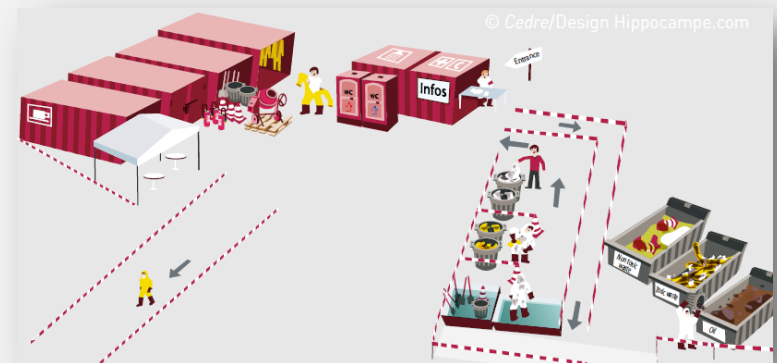
Certificate for volunteering

Volunteers handout

Certificate for vehicles

Accident/near miss report

Example of site safety survey checklist



Oiled Shoreline Assessment

ASSESSMENT PRINCIPLES AND METHODOLOGY

Purpose

How to plan the survey

How to complete the assessment form

FORMS AND GUIDANCE DATASHEETS

Oiled shoreline assessment Form

Field equipment checklist

Photo scales

Sediment and exposure characterisation aid

Surface oil distribution/coverage estimation guide

Photographic guide: Shoreline substrate types

Photographic guide Oiling thickness & characterisation

POSOW OILED SHORELINE ASSESSMENT

Preparatory for oil spill
Shoreline cleaning and
Oil/Water recoveries

HOW TO FILL IN THE ASSESSMENT FORM

Circle options or Complete the table

BOX 1 General information
Important for data archiving and further uses

BOX 2 Survey team names and contact
Important if clarification on the information collected is needed

BOX 3 Site and segment details
Describe in few words the main geographical characteristics of the site

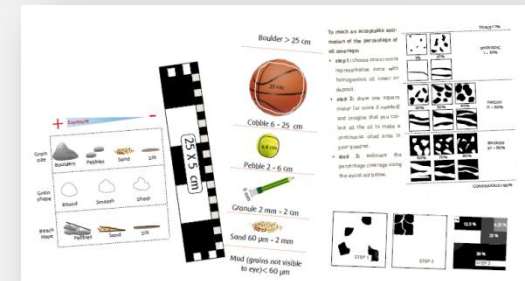
BOX 4 Shoreline substrate description
Tool box to fill in boxes 6 & 7
Sediment classification affect the choice of the cleanup techniques

BOX 5 Operational features
Important to define viable logistic options

BOXES 6 7 Surface and subsurface oiling characterisation
The most important element (location, consistency and volume of oil)

BOX 8 General comments & sketch
Any additional useful descriptions or comments

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Shoreline Clean-up

GENERAL PRINCIPLES AND ORGANISATION OF CLEANUP

Jobs for volunteers

General principles of cleanup

TECHNICAL DATASHEETS

Worksite organisation and preparation

Primary storage of waste

Base camp/rest area

Storage area for equipment and machinery

Decontamination of personnel

Decontamination of equipment

Preventive recovery of non-oiled debris and materials

Manual cleanup

Pumping of floating oil

Mechanical collection on the shoreline

Use of protection nets

Use of sorbents

Low pressure water jets (flooding, flushing)

Mechanical screening/manual sieving

Pebble cleanup in cages, wheelbarrows, oyster bags...

Pebble cleanup in a concrete mixer

Pressure washing of rocks and man-made structures

Recovery of effluents

Cleanup techniques decision matrices

Daily worksite form

Board of illustrations: mechanical equipment

SHORELINE CLEANUP

Cleanup techniques according to substrates

Other potentially useful techniques:

- Protecting nets, pumping of oil, manual cleanup
- Manual cleanup, sorbents, flushing
- Pumping of oil, high pressure cleanup
- Manual cleanup, sorbents, flooding
- Sorbents, flooding, flushing
- Nets, pumping of floating oil

SAND

- Mechanical recovery
- Mechanical screening
- Manual sieving

PEBBLES

- Flooding
- Cleanup cage
- Concrete mixer

ROCKS

- Manual recovery
- Flooding
- Use of sorbents

RIP RAPS

- Aspiration
- Flushing
- High pressure cleanup

WALLS / QUAYS

- Pumping of floating oil
- Manual scraping

EFFLUENTS

- Sorbents / boom
- Trench
- Sorbents / filtration

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Wildlife Response operations

GENERAL PRINCIPLES

- Oiled wildlife response
- The use and position of response volunteers
- Jobs for volunteers
- Vulnerable wildlife in the Mediterranean
- Health and safety for volunteers
- Health and safety on the oiled shoreline
- Health and safety in a rehabilitation facility
- Search and collection of animals
- Animal transport
- Animal arrival and reception
- Intake and triage
- Pre-wash care and stabilisation
- The washing process
- Post-wash care and waterproofing on pools
- Release
- What to expect as a volunteer

FORMS AND GUIDANCE DATASHEETS

- Managing the early days of a wildlife response
- Capturing live animals
- Setup and layout of a forward holding centre
- Overview of oiled wildlife rehabilitation
- Working in the arrival and reception area
- Medical record form
- Holding a bird
- Tubing a bird for rehydration
- Daily routine – stabilisation
- Daily routine – pre-wash care of stabilised birds
- Setting up and running a command centre
- Equipment for pre-wash care and stabilisation
- Animal housing
- Dealing with live oiled sea turtles
- Contact details for incident assistance

Online Volunteers Database

- Ensure the availability and prompt response of volunteers in case of an oil spill
- Volunteers can register online when an incident occurs, or just after being trained
- Information registered volunteers:
 - Contacts,
 - Availability,
 - Previous experiences,
 - Trainings, and
 - Specific skills.
- Reinforce response teams, when human resources is required



All Volunteers

by admin — last modified Feb 06, 2013 04:02 PM

						Search:
Type	Name	Skills	Country	Region	City	
<input type="checkbox"/> trainer	Helen Polychronopoulou	Oiled shoreline assessment, Oiled shoreline cleanup	GR	Athens	Piraeus	
<input type="checkbox"/> volunteer	isabella nicastro	Oiled shoreline assessment, Oiled shoreline cleanup, Oiled wildlife response, Volunteer Management, Ecology, Engineering, Communications, Heavy Machinery, Catering, First Aid	IT	Latum	rome	
<input type="checkbox"/> volunteer	Apostolos Kaknis	Volunteer Management, Communications, First Aid	GR	Attika	Piraeus	
<input type="checkbox"/> volunteer	Chrisophe Carrie	Oiled shoreline assessment, Oiled wildlife response, Volunteer Management, Ecology, Engineering, Communications, First Aid	FR	Brittany	Brest-Bretagne	
<input type="checkbox"/> volunteer	Souade Nasserri	Ecology, First Aid	MT	Malta	Tas-Sliema	
<input type="checkbox"/> volunteer	SPYRIDON KOUTSOURIS	Volunteer Management, Ecology, Engineering, Communications, Heavy Machinery	GR	ATHENS	NEA SMYRNI	

Key messages

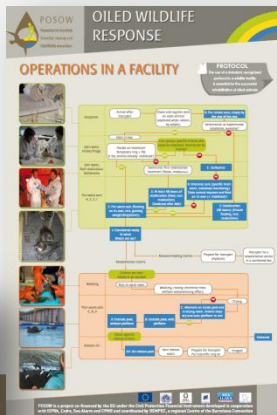
- National practice and regulation applies
- Any volunteer contribution shall be supervised by the relevant competent authority
- Health and safety comes first
- Pre-planned and coordinated volunteer management to be considered by the competent authority within their contingency plan



Manuals & Brochure



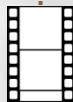
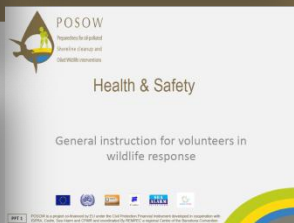
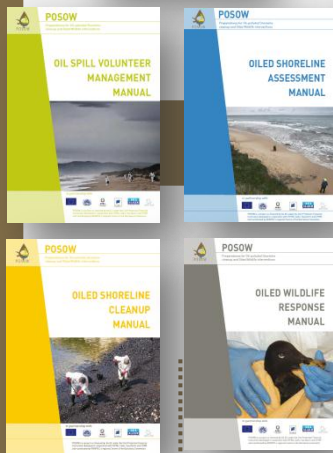
Posters, Video & PPT



Key dates

Train the Trainer

National Courses



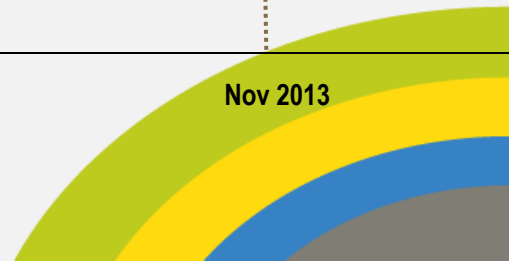
March 2013

April 2013

21-23 May 2013
28-30 May 2013

Sep 2013

Nov 2013



Follow-up

- Periodic refreshment courses
- Volunteers Database
- Continuous availability of material
- Extension of the project to other countries





More Information on

www.posow.org



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