

Report on the POSOW Croatian National Pilot Training



9 and 10 November 2013



Introduction

The National Protection and Rescue Directorate of Croatia (Duzs), in collaboration with the NGO Sunce, organised a national training course on oiled shoreline assessment and cleanup, volunteers management and wildlife response on the 9 and 10 November 2013 in the premises of the National Protection and Rescue Directorate Fire Fighting, Protection and Rescue College Specialized Training Centre – Split Department in Kastel Stafilic, Split.

The training targeted representatives of the Civil Protection, local authorities and NGOs who could be involved, under the supervision of the competent authorities, on a voluntary basis, in oil spill response operations. The objective of the training was to raise awareness and disseminate knowledge on oiled shoreline assessment and cleanup as well as oiled wildlife response.

This training was organised within the framework of the POSOW Project co-financed by EU under the Civil Protection Financial Instrument, developed in cooperation with the Centre of Documentation, Research and Experimentation on Accidental Water Pollution (*Cedre*), the Institute for Environmental Protection and Research (ISPRA), Sea Alarm Foundation, and the Conference of Peripheral Maritime Regions of Europe (CPMR), and coordinated by REMPEC as regional Centre of the Barcelona Convention.

Thirty two (32) volunteers participated in the Training Course. The list of participants is attached to the present report in **Annex I**.

Mr Martin Bilić, Senior Adviser at Duzs, welcomed the volunteers, providing an overview of the 2 days programme training course, and introducing the organisation. The training programme is reported in **Annex II**.

Course Delivery

Day 1 - Saturday 9 November 2013

Pollution Prevention System

Cap. Darko Glažar, Harbour Master in Rijeka, introduced the current national response system and presented the national contingency plan, reminding the main entities involved in case of an oil spill in the Republic of a Croatia.

A Preparedness Project for European Civil Protection

Mr. Valerio Sammarini, Researcher at ISPRA (Institute for Environmental Protection and Research) from the Marine Environmental Emergency Service, introduced the POSOW project.

Logistics

Ms Marija Nazlić, NGO *Sunce* volunteer, delivered a presentation on main logistical elements to manage oil spill operators on field and volunteers.

Chain of command

Ms Marija Nazlić, delivered a presentation on personnel chain of command, highlighting that all the activities must be authorized by the competent authorities.

Expected roles and technical sheets

Ms Marija Nazlić, delivered a presentation on the possible roles of volunteers in a shoreline response. Datasheets on manuals were explained using theoretical examples and through POSOW presentations and posters.

Assessment

Mr Darko Domović, Technical advisor, delivered a presentation on shoreline assessment methodology highlighting their main aspects and helping them to use the datasheets and forms available in the manual.

General principles of cleanup

Mr Darko Domović introduced the criteria for selecting the most appropriate technique taking into account the oil weathering conditions. Some selected documentaries on lessons learnt from past major oil spills were shown.

Cleanup techniques

Mr Darko Domović delivered a presentation strengthening the importance of volunteers in case of a major incident. He provided an overview of health and safety during activities and cleanup techniques that can be carried out by volunteers.

Worksite organisation

Mr Matko Škalamera, Head of County office in Rijeka, reminded that cleanup sites in coastal pollution must be considered as hazardous environments and presented all the safety and logistical issues to set-up an operative worksite.

Day 2 - Sunday 10 November 2013

On the second day of the training Ms Gala Podgornik – PhD Student at the Queen's University (Belfast), presented the program of the day.

Health and Safety

Mr Martin Bilić delivered a presentation on health and safety issues and decontamination procedures. Volunteers were taught on Personal Protective Equipment (PPE) and their use.

Setting up and managing of commanding centre for oil animals

Ms Gala Podgornik introduced the effect of oil pollution on wildlife, rescue activities and possible roles of volunteers during the response.

Search and collection

Mr Matko Škalamera explained how and why it is important to collect different kind of data to be reported to the authorities to enable them to assess the most appropriate oil spill response technique and strategy..

Catching of oil animals

Ms Marija Nazlić showed the techniques to catch animals without causing harm to volunteers and wildlife.

Transport

Ms Gala Podgornik delivered a presentation on the storage and transport of collected animals.

Practical part – intubation

Ms Gala Podgornik and Ms Marija Nazlić assisted volunteers in the intubation technique using dead chickens (provided by an authorized seller).

Which birds could be endangered in Republic of a Croatia

Ms Gala Podgornik described all the potential species and habitat at risk after an oil spill in the region.

Facilities for oiled animals

Ms Gala Podgornik, provided an overview of the necessary structures to set-up a rescue centre during an oil spill response.

Conclusion of the training

Evaluation of the training

Participants were invited to fill-in an evaluation sheet to provide the POSOW partners with their feedback on the National Training Course. The following table summarizes the evaluation given by participants of the training. The rating is based on a scale from 1 to 5, 1 being bad and 5 excellent.

| Title of the conference/presentation/exercise | Content adequacy mark (from 1 to 5**) | Presentation mark (from 1 to 5**) | Observations |
|---|---------------------------------------|-----------------------------------|--|
| Volunteer Management | 4.58 | 4.32 | Lack of information on the Adriatic Sea region (Traffic, probabilities of spill, etc.) |
| Oiled shoreline assessment | 5 | 4.68 | More practical experience should have been presented as well as for exercise (on field or role playing) |
| Oiled shoreline cleanup | 5 | 4.68 | |
| Oiled Wildlife Response | 4.84 | 4.77 | Audience really appreciated the bird feeding simulation and would like to have more of such practical exercise |
| Exercise | | | Audience was disappointed as they were not given the opportunity to practice |

Debate and Suggestions

The evaluation average shows that participants appreciated and valued the training content, material and the facilitators. According to the participants, improvements should be made on the following points:

- The presentations should have been more detailed
- Increase of the course duration
- More connection between Oil spill response and oiled wild life rescue
- Introduction on oil behaviour and its environmental effects would have been appreciated
- Practical exercises on all technical topics would be relevant
- Follow-ups

Certificate Delivery and conclusion of the training

Mr Martin Bilić, Senior Adviser at Duza and Mr Valerio Sammarini, Researcher at ISPRA, delivered POSOW certificates to the volunteers. They thanked the volunteers for their participation and highlighted the importance of their involvement in the dissemination of the acquired knowledge in their respective associations and organizations.

Annex I

LIST OF PARTICIPANTS

| PILOT TRAINING COURSE | |
|--|--------------------------|
| Kastel Stafilic (Split), Croatia 9-10 November 2013 | |
| CERTIFICATE NUMBER | SOURNAME AND NAME |
| 1 | Filip Bukša |
| 2 | Antonela Čalić |
| 3 | Roko Pezelj |
| 4 | David Udovičić |
| 5 | Stela Vela |
| 6 | Vivien Tajmin |
| 7 | Mario Perišić |
| 8 | Doris Plećaš |
| 9 | Lucas Heinrich |
| 10 | Marija Brzić |
| 12 | Frane Madiraca |
| 13 | Lara Rakela |
| 14 | Paula Šunjić |
| 15 | Stjepan Budimir |
| 16 | Karla Alujević |
| 17 | Lena Vulić |
| 18 | Hana Uvanović |
| 19 | Nestija Juretić |
| 20 | Margarita Miletić |
| 21 | Bruna Đuković |
| 22 | Maja Krželj |

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|-----------|------------------------|
| 23 | Andi Marović |
| 24 | Josipa Bilić |
| 25 | Lovre Bilić |
| 26 | Ana Martinić |
| 27 | Aljoša Čmrlec |
| 28 | Tomislav Omazić |
| 29 | Joško Pavlov |
| 30 | Josip Jureškin |
| 31 | Darko Glažar |
| 32 | Teuta Đerek |

Annex II

PROGRAMME

| Time | Day 1 | Time | Day 2 |
|-------|---|-------|---|
| 09:00 | Opening and Overview (Martin Bilić) | 09:30 | Overview (Gala Podgornik) |
| 09:45 | Pollution Prevention System in Republic of a Croatia (Darko Glažar) | 10:00 | Health and safety (Martin Bilić) |
| 10:30 | <i>Coffe break</i> | | |
| 10:45 | A Preparedness Project for European Civil Protection. (Valerio Sammarini) | 10:45 | Setting up and managing of commanding centre for oiled animals (Gala Podgornik) |
| 11:15 | Logistics (Marija Nazlić) | 10:55 | Search and collection (Matko Škalamera) |
| 12:00 | Chain of command (Marija Nazlić) | 11:25 | Catching of oil animals (Marija Nazlić) |
| 12:30 | Expected roles and technical sheets(Marija Nazlić) | 11:55 | Transport (Gala Podgornik) |
| 13:00 | <i>Lunch</i> | | |
| 14:00 | Assessment(Darko Domović) | 13:15 | Logistics for setting up a centre (IPC) (Gala Podgornik) |
| 14:30 | General principles of cleanup (Darko Domović) | 13:55 | Practical part – intubation (Gala Podgornik & Marija Nazlić) |
| | | 14:55 | Which birds could be in endangered in Republic of a Croatia (Gala Podgornik) |
| 15:00 | <i>Coffe break</i> | | |
| 15:15 | Cleanup techniques (Darko Domović) | 15:15 | Facilities for oiled animals (Gala Podgornik) |
| 15:45 | Worksite organisation (Matko Škalamera) | 15:30 | Closure of the course |
| 16:15 | End of Day 1 | 16:00 | End of Training |