



POSOW

Preparedness for oil-polluted

Shoreline cleanup and

Oiled Wildlife interventions

 Generalitat de Catalunya
Departament d'Interior

protecció civil



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Report on the POSOW Barcelona National Pilot Training



27-28 November 2013



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

Introduction

The General Directorate of Civil Protection of Catalonia, in collaboration with the NGO Submon, organised a National Training Course on Oiled Shoreline Assessment and Cleanup, Volunteers Management and Wildlife Response between the 27 and 28 November 2013 in their premises in Barcelona, Catalonia.

The training targeted local Civil Protection managers who could be involved in oil spill shoreline response operations. The Civil protection technicians from the local councils of the region of Catalonia are also in charge of training and supervising local volunteers during an incident. 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 in the framework of the POSOW project co-financed by EU under the Civil Protection Financial Instrument developed in cooperation with ISPRA, *Cedre*, Sea Alarm and CPMR and coordinated by the Regional Marine Pollution Emergency Centre for the Mediterranean Sea - REMPEC a regional Centre of the Barcelona Convention.

Twenty-eight (28) managers participated in the Training Course, together with five representatives from national and regional departments of the Ministry of Agriculture, Food and Environment of Spain. The list of participants is attached to the present report in **Annex I**.

Mrs Núria Gasulla Fernández, Deputy Director General for Civil Protection Programs at the Civil Protection Department, welcomed the participants and thanked them for their participation. She reminded the importance of disseminating the acquired knowledge at a local level. Ms Souade Nasser, Junior Programme Officer at REMPEC introduced the POSOW project. Participants requested more information on the volunteers and trainers database.

Ms Ester Gonzalez Hernando, Civil Protection Technician and POSOW trainer, welcomed the participants who introduced themselves before initiating the training.

The programme of the 3 day training course is reported in **Annex II**. The languages of the course were Catalan and Spanish.

Course Delivery

Day 1

Catalan Response System

Ms Gonzalez Hernando delivered presentations on the Catalan Contingency Plan “Camcat”, explaining the main response system and chain of command in place in case of an incident at sea and on shore. She highlighted the sensitiveness and the areas at risk of the Catalan coast, taking into account natural features and port activities.

Volunteers Management

Ms Gonzalez Hernando delivered presentations on Volunteer Management and the roles assigned to the volunteers in those plans. She provided an overview of the main elements to take into account to ensure a safe and organised management of volunteers under the established chain of command.

Day 2

Pedagogic Session

The second day of the training started with a pedagogic session performed by Imma Solé Colomer, Information Manager at the Civil Protection General Directorate. She recalled the main aspects to consider when delivering a presentation. She stressed on the importance of creating an interaction with the targeted audience, through clear presentations and speeches.

Oiled Shoreline Assessment & Cleanup

Ms Gonzalez Hernando then introduced the general principles of shoreline assessment and cleanup, the worksite organisation and the relevant techniques according to the type of substrates. She underlined the importance of assessing the pollution type and extent prior acting.

Discussions on the availability of equipment in the region and roles and responsibilities for cleanup between volunteers and trainers took place. She recalled that the national agency TRAGSA be the main contact point to request shoreline equipment in case of an emergency.

Oiled Wildlife Response

Ms Mariluz Parga, from the NGO Submon, delivered presentations on the wildlife response and handling, from the collection to the stabilisation of the animals. Facilitator and participants discussed the type of animal that can be encountered on the Catalan coasta. Ms Parga illustrated her presentation with information on local fauna. She stressed on the psychological impact on volunteers when facing oiled wildlife.

Presentation of an Emergency Exercise

Mr Ricard Garcia Baron from Torredembarra, presented the simulation exercise organised in collaboration with the Red Cross and the national and local authorities in charge of the oil spil response at sea and onshore. Mr Garcia provided an overview of the worksite set-up on the beach, and the roles and responsibilities of each entity. Participants discussed the difficulties and aspects to take into account to organise such exercise.

Conclusion of the training

Evaluation of the training

Following the exercise, 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 22 participants of the training. The rating is based on a scale from 1 to 4, 1 being bad and 4 excellent.

Title of the conference/presentation/exercise	Mark (1 to 4)	Observations
Objective	3.03	Practical exercise would have been very appreciated. Participation of managers already involved in large incidents such as the prestige would have been interesting.
Methodology	2.92	Material should be translated in Catalan, manuals at least in Spanish to ensure understanding.
Organisation	3.06	For many participants, the duration of the course was too short.
Self-evaluation	+0.79	The training improved the level of knowledge of the participants from 2.11 to 2.89
Facilitators	3.21	More interaction and dynamism was requested by the participants in some presentations. Deep knowledge of the topics by the facilitators is needed to ensure clear explanations.

The above feedbacks show that the participants appreciated and valued the training content, material and the facilitators. According to the participants, improvements should be made on the following points:

- The exercise should be longer;
- The manuals should be translated in Spanish, it is too complicated to follow the manuals in English;
- A practical exercise should be organised to illustrate the topics discussed during the course;
- Visit of the emergency centre would have been interesting.

General discussion took place between volunteers and facilitators:

- More information and practical aspects of the CAMCAT
- The language barrier was clearly stressed out by the volunteers: manuals and information related to the topics of the POSOW project can be found in Spanish from the following organisations and projects:
 - Cedre: <http://www.cedre.fr/index-es.php>
 - Arcopol and Arcopol + Projects: <http://www.arcopol.eu/home.aspx?id=es>

- REMPEC guidelines, such as the Mediterranean Oiled Shoreline Assessment Guidelines available in Spanish

http://www.rempec.org/rempec.asp?theIDS=2_224&theName=RIS&theID=15&daChk=2&pgType=1

Certificate Delivery and conclusion of the training

At the end of the training, Ms Gonzalez Hernando from the Civil Protection General Directorate, took the floor to thank the participants and the POSOW team for the valuable training. Certificates of the training were delivered to the volunteers together with the POSOW USB key containing all the material produced within the Project.

**PARTICIPANTS EN LA FORMACIÓ DE FORMADORS EN LA NETEJA DE LA CONTAMINACIÓ
DE HIDROCARBURS DE LES PLATGES (PROJECTE POSOW)**

Núm. Particip.	MUNICIPI	NOM	COGNOM 1	COGNOM 2	SERVEI TERRITORIAL	CÀRREC	Adreça correu electrònic
1	Alcanar	Francisco Javier	Martí	Meix	Terres de l'Ebre	Cap policia local i tècnic PC	fmarti@alcanar.cat
2	Arenys de Mar	Carlos	Pérez	Ruiz	Barcelona	coordinador d'emergències, PC i riscos	perezrc@arenysdemar.cat
3	Badalona	Ester	Puigbarraca	Sol	Barcelona	Tècnica en Protecció Civil	epuigbarraca@badalona.cat
4	Barcelona	Ruben	Estela	Garcia	Barcelona	Cap d'Unitat de Protecció Civil	restela@bcn.cat
5	Cadaqués	Alicia	Garcia	Jaen	Girona	Policia Local	esrabasses@gmail.com
6	Calella	Pere	Bargalló	Bover	Barcelona	Policia Local	bargallobp@calella.cat
7	Calonge	Carlos	Roselló	Pujol	Girona		
8	Cambrils	Juan	Capafonts	Vidal	Tarragona	Tècnic municipal	p530@cambrils.org
9	Castelldefels	Francisco Javier	Delgado	Sánchez	Barcelona	Cap Servei Municipal de Protecció Civil i Emergències	javier.delgado@castelldefels.org
10	Castell-Platja d'Aro	Antonio	Miralles	Jimenez	Girona		tmiralles@platjadaro.com tmiralles1970@gmail.com
11	Direcció General Protecció Civil	Francesc d'Assis	Panyella	Amatller	DGPC	Tècnic del Servei gestió d'emergències	foanyella@gencat.cat
12	Direcció General Protecció Civil	Diana Maria	Llorente	Garijo	DGPC	Tècnic del Servei Logístic i Operativa Territorial	diana.llorente@gencat.cat
13	El Port de la Selva	Pere	Ribot	Panosa	Girona	Tècnic municipal	serveistecnic@elportdelaselva.cat
14	El Vendrell	Maria Cecilia	Marambio	Oliete	Tarragona		cmarambio@elvendrell.net mclmarambio@hotmail.com

Núm. Particip.	MUNICIPI	NOM	COGNOM 1	COGNOM 2	SERVEI TERRITORIAL	CÀRREC	Adreça correu electrònic
15	L'Ametlla de Mar	Angel	Martí	Callau	Terres de l'Ebre	Tècnic de PC i gestió d'emergències	amarti@ametllamar.cat protecciocivil@ametllamar.cat
16	L'Escala	Juan José	Jarillo	Pérez	Girona	Tècnic de Protecció Civil	protecciocivil@lescala.cat
17	Mataró	Carlota	Dicenta	Mira	Barcelona	Cap del Servei de Protecció Civil	cdicenta@ajmataro.cat
18	Palamós	Oriol Gabriel	Borràs	Cajigos	Girona	Cap brigada municipal i Protecció Civil	oriol.borras@palamos.cat
19	Palafrugell	Santiago	Rueda	Barba	Girona		
20	Prat de Llobregat, El	Angel	Simón	Gómez	Barcelona	Responsable Qualitat Ambiental i Protecció Civil	simon@elprat.cat
21	Roses	Eduard	Campà	Alcaraz	Girona		
22	Salou	Raquel	Fernández	Lorenzana	Tarragona	Tècnic Protecció Civil	rfernandez@salou.cat
23	Sant Adrià de Besòs	Tomás	Gil	Márquez	Barcelona	Cap de la policia local	tqil@sant-adria.net
24	Sant Jaume d'Enveja	Francisco José	Panisello	Franch	Terres de l'Ebre	Cap de la policia local i tècnic de PC	fpanisello@santjaume.cat
25	Sant Pere Pescador	Narcís	Juny	Espelt	Girona	Enginyer tècnic municipal	enginyeria@santpere.cat
26	Sitges	Valentín	Alonso	Alonso	Barcelona	Enginyer tècnic municipal	alonsoav@sitges.cat
27	Tarragona	Marcos	Soler	Pérez	Tarragona	Cap de secció de Protecció Civil	msoler@tarragona.cat
28	Torredembarra	Ricardo	García	Barón	Tarragona	Cap de seguretat i Protecció Civil	r.garcia@torredembarra.cat
29	Viladecans	Fernando	Ocón	González	Barcelona	Tècnic de Protecció Civil	focong@aj-viladecans.es
30	Vilanova i la Geltrú	Blanca	Vilarnau	Polanco	Barcelona	Tècnica de Protecció Civil	bvilarnau@vilanova.cat

Núm. Particip.	MUNICIPI	NOM	COGNOM 1	COGNOM 2	SERVEI TERRITORIAL	CÀRREC	Adreça correu electrònic
	MAGRAMA	Manuel	Ruiz	Cañadas	Costas TRG	Jefe Servicio Gestión DP	mrcanadas@magrama.es
	MAGRAMA	Carlos	Fabá	Jordà	Costas TRG	Técnico Superior	cfaba@magrama.es
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	Direcció General Protecció Civil	Imma	Solé	Colomer	DGPC	Responsable d'informació	isole@gencat.cat
	Direcció General Protecció Civil	M ^a Carmen	Romero	Velarde	DGPC	Tècnica Servei Implantació	mcromerov@gencat.cat



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ANNEX II : PROGRAMME

Horari		Dia 1	27/11/2013	Dia 2	28/11/2013
09:00	09:30			Sessió pedagògica	
09:30	10:00			Avaluació de la línia litoral contaminada	
10:00	10:30			Principis generals de neteja	
10:30	11:00			Descans (Coffee Break)	
11:00	11:30			Tècniques de neteja	
11:30	12:00			Organització del lloc de treball	
12:00	12:30			Dinar	
12:30	13:00			Obertura	
13:00	14:30			Seguretat i Salut	
14:30	15:00			Presentació de les jornades	
15:00	15:30	Coordinació			
15:30	16:00	Introducció			
16:00	16:30	Cerca, recollida i transport de fauna afectada			
16:00	16:30	Gestió dels voluntaris			
16:30	17:00	Descans (Coffee Break)			
16:30	17:00	Descans (Coffee Break)			
17:00	17:30	Primers auxilis a la fauna (estabilització i pre-rentat)			
17:00	17:30	Estructura d'Organització			
17:30	18:00	Centre de rehabilitació			
17:30	18:00	Rols i tasques per a voluntaris			
18:00	18:30			Cloenda de les jornades	