

## N° 308 E – News from January 2022

### Emergency response

During January, Cedre's duty team was contacted following several leaks: recurrent unexplained pollution in a watercourse in Saint-Thégonnec (Finistère) causing the river water to turn white and show an acidic pH of 3; the release of around 100 litres of hydraulic oil by a barge in the port of Le Havre. Cedre was notified by the Finistère fire and rescue service (SDIS29) of a yellow substance washing up on the banks of Plougastel-Daoulas (Finistère) at the mouth of the Elorn river. Analysis in our laboratory showed that the pollutant was palm oil. Cedre also provided on-site technical assistance alongside the polluter and clean-up personnel. Information was sent to MRCC Réunion following the grounding in Mutsamudu (Anjouan, Comoros) of a diesel-powered bulk carrier transporting cement. The month's main event was a spill from the subsea loading/unloading line at La Pampilla refinery north of Lima (Peru). The leak, estimated at 1,000 m<sup>3</sup>, then later revised to 2,000 m<sup>3</sup>, contaminated some 40 km of coastline, comprising protected islets and home to a strong fishing industry. Two engineers from Cedre were part of the team that arrived on site on the 26th, coordinated by the United Nations (UNEP/OCHA Joint Environment Unit in connection with the European Emergency Response Coordination Centre (ERCC). The aim is to assist the Peruvian authorities in responding to this spill (spill response organisation, response techniques, assessment and environmental monitoring).

### Cedre Information Day: 29th March 2022

#### “Consideration of Environmental Impacts” Virtual event

See the [detailed programme](#) (speakers to be announced) as well as the [registration form](#)

### In short

#### Dates for the diary

► 21st to 23rd June 2022, [Interspill](#) in Amsterdam, Netherlands

#### Training

► 28th March to 1st April: training course on oil and chemical spill response at industrial plants and in rivers, at [CNPP](#) in Vernon

#### Hot off the press

► New operational guide on oil spill waste: “Gestion des déchets issus d'une pollution accidentelle des eaux” (French only), [available for download here free of charge](#), printed version on sale for €25

### A new director takes the helm at Cedre

On 24th January, Stéphane Doll handed over leadership of Cedre to Christophe Logette. François Cuillandre, Mayor of Brest and Chairman of the Board of Governors, thanked Stéphane Doll for his work over the past six years. Over this period, the association strengthened its activity, notably through the creation of a new department devoted to aquatic litter and microplastics. Cedre also provided support and expertise in relation to pollution incidents affecting marine and shoreline environments, in particular in the Mediterranean and the Atlantic, but also in Mauritius, Sri Lanka and Peru, to name the most recent examples. Christophe Logette has spent the majority of his career in the French Navy. Over recent years, he has held successive positions as a legal advisor and gender advisor to the British Commander of NATO's Allied Maritime Command based in the United Kingdom, and head of the State Action at Sea divisions for the French Antilles and the Atlantic. The Board of Governors, Strategy Committee and all of Cedre's team welcome him aboard!

### 2022 Information Day “Consideration of Environmental Impacts”

Initially planned to be held in Paris, this year's Cedre Information Day is now to be held virtually on Tuesday 29th March and will focus on the consideration of the environmental impacts of water pollution, both at sea and in inland waters. The day will be divided into three sessions. The first session will address the theme from the point of view of pollution prevention, with three presentations by the French authorities addressing the issues at stake and in terms of European and French regulations. The second session will tackle the options available to the incident manager when a spill occurs. These presentations will draw upon feedback from an international level operational authority confronted with a spill and the strategy adopted by the oil industry to mitigate the consequences of a spill. The third session will be devoted to the assessment of environment impacts following a spill, illustrated by an example of environmental impact measurement in inland waters during the Lubrizol-Normandie Logistique incident. Impacts on the marine environment will be covered by an NGO. Finally, the economic evaluation of ecological damages will be described by two speakers working at national and international levels. The conferences will be interspersed with four discussion sessions with the audience. Registration required. Places limited. [Programme](#) and [Registration](#).

## Spill response equipment testing

At the request of our partners, an oleophilic brush skimmer was tested in Cedre's test tank on two Very Low Sulphur Oils (VLSFO) supplied through the [IMAROS project](#). These tests, organised under Cedre's 2022 response equipment and technique assessment programme, were performed successively on fresh oil then emulsified oil comprising 50% water. Despite the specificities of these two VLSFOs, in particular the high pour point of one of the oils, the tests were able to identify the strengths and weaknesses of this type of pollutant.

## Bay of Audierne beach litter monitoring survey

On 27th January, Cedre returned to Stang beach in the Bay of Audierne, in Saint-Jean-Trolimon, to conduct the first beach litter monitoring survey of 2022. Sampling was carried out in compliance with the usual protocols, either by picking up surface macro-litter, collecting meso and large microplastics at the sediment surface and sampling beach sediment to evaluate microplastics. The samples were routed to Cedre where they will be sorted, identified and quantified to provide input to the marine litter monitoring programme.

## CleanAtlantic: new reports released by Cedre

With the completion of the CleanAtlantic project at the end of 2021, new reports drafted by Cedre are now available online (in English): [Operational guide for the clean-up of marine litter on the coastline](#), [Identification of litter accumulation sites and clean-up techniques on the French coastline](#), and [Identification of the initiatives, measures and actions to reduce the presence of litter in the marine environment](#). These initiatives, measures and actions to reduce marine litter can also be accessed [online via the CleanAtlantic platform](#).

## Spill response training in Capbreton marina

At the request of [Capbreton marina](#), Cedre ran a theory and training course on 25th and 26th January on spill response techniques in ports. Several oil spill simulation exercises provided the opportunity for the dozen representatives of the marina (director, harbour master, port agents and technical services, etc.) to get to grips with spill response equipment and techniques. In addition to this training, a site audit was conducted with a view to improving the organisational and operational emergency response to small oil spills.

## Presentation of the SAMI project

At the [CITEPH](#) event held on 27th January, Cedre took the opportunity to present the project SAMI (*Smart case for Accidental spill Monitoring Intervention*) which aims to design a sampling case. This objective of this tool is to facilitate the collection of samples of water, sediment and biological tissues following standard protocols. Help will be available via software operated from a smartphone. The aim is to develop a tool that can be used for sampling and thus obtain comparable samples, i.e. results that can be directly exploited by incident managers.

## Taiwan: virtual training on pollution in inland waters

On 18th and 19th January, a training course on pollution management in inland waters organised by [EGIT](#) was run remotely by Cedre, via our [online training platform](#) for 55 participants from the Taiwanese [Environmental Protection Agency \(EPA\)](#) and EGIT, with which Cedre has been working in close collaboration for 10 years now. The aim of this course was to offer participants insight into the challenges of oil or chemical spill management and the response strategies applicable in lakes, watercourses, rivers, etc. Four trainers from Cedre together with a speaker from [CEREMA](#) gave presentations on decision-making processes, product behaviour in these complex environments, and response techniques on land, on the water and on the banks. The course ended with a presentation based on past experience of spill management in a mangrove.

## New operational guide on waste management

Cedre has just released a new version of the operational guide entitled "*Gestion des déchets issus d'une pollution accidentelle des eaux*", replacing the 2004 version. This fully revised guide takes into account changes in standards, products and practices, and expands the scope of the guide to chemical spills, inland waters and smaller incidents. This operational guide is intended for response managers as well as operators. It aims to provide the information required for initial emergency decision-making, good practices and constraints to be foreseen for the different stages of waste management, including collection on the water and on land, transfer, storage and treatment. The waste management phase is often the longest and most costly operation after a major oil or chemical spill. Good choices made as early as possible, or even before an incident occurs, will help to control the situation. The guide can be [downloaded in digital format free of charge from Cedre's website](#). Hard copies cost €25.

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