Understanding Chemical Pollution at Sea a learning package

WHY?

fundamental component of the global economy. However, it ge-

nerates specific risks which are a major concern for industry, governments, environmentalists and populations.

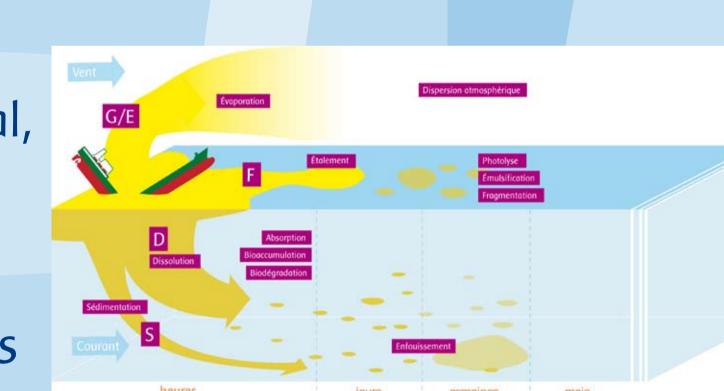
Few comprehensive educational documents exist today on this issue. Two institutions, Transport Canada and Cedre, thus decided to work together on this question to produce a learning guide on chemical pollution at sea. This project, through its content and partners, fits perfectly into the framework of the OPRC-HNS protocol in terms of cooperation between States.





WHAT?

- 1 printed guide
- 2 posters available in spring 2011
- Fully illustrated, educational, informative content
- English and French versions



FOR WHOM?

- 12 to 18 year-old school pupils





A set of learning materials on chemical spills developed by Cedre (France) and Transport Canada, designed for young people and their teachers worldwide



WHICH THEMES?

Through this wide-reaching document, six major themes are developed.

Following an introduction to chemistry and a few examples of its uses, different aspects of shipping, such as the types of ships used and regulations, are presented. A chapter is dedicated to outlining the main sources of chemical pollution at sea. The two chapters on spill prevention, preparedness and response draw heavily on the knowledge and expertise of Transport Canada and Cedre. The different response techniques presented are systematically illustrated with examples of past incidents involving chemicals. The last topic addressed is that of the impact on human health, the environment and the

Chemicals

- Definitions
- Production
- Classification
- Labelling

: Shipping

- Shipping routes



- Chronic pollution
- Substances spilt



Preparedn

- Organisation
- Contingency planning
- Port State control



Impacts

- On human health
- On the environment
- On the economy





WHAT NEXT?

- Production of an experiment kit











