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TRAINING SLIDES

MARINER-MANIFESTS KNOWLEDGE TOOL (MMKT)

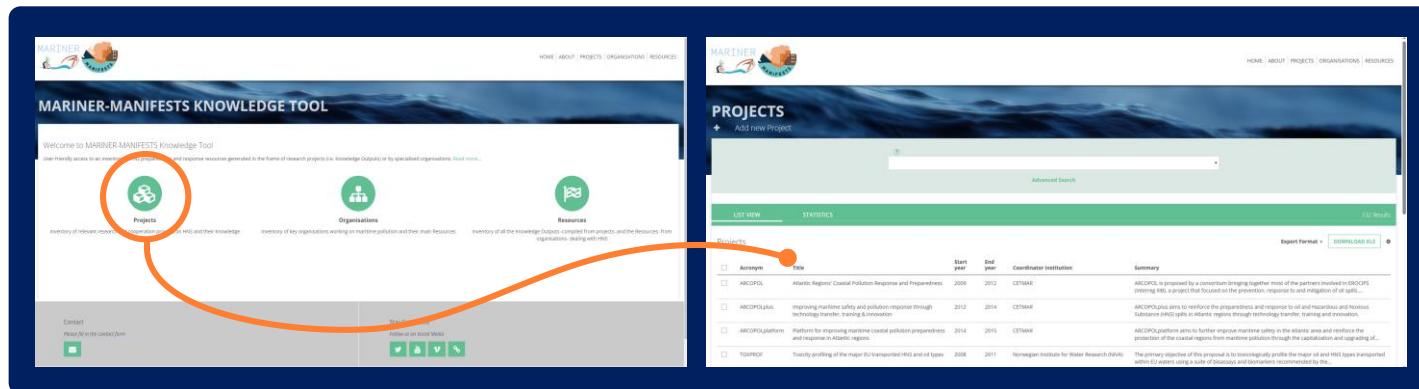
1 OVERVIEW OF THE TOOL

PROBLEM STATEMENT

HNS relevant outputs from EU R&D projects and expert organizations are often dispersed and not easily accessible. Facilitating the availability and the dissemination of these resources can improve our capabilities to cope with HNS spills. The MMKT intends to address this issue by providing user-friendly access to this information.

OBJECTIVE

The MMKT is an online repository that allows access to a comprehensive compilation of marine research and technical resources specifically focused on the preparedness and response to HNS spills.



DATA USED

- EU and national projects dealing with HNS taken from major online research repositories.
- Organisations dealing with HNS pollution and on response to emergencies.

HOW IT WORKS

- Search functions help browsing the lists by clicking on "Projects", "Organisations" or "Resources".
- By selecting a project, organization or resource, users can access a list of related resources.
- The selected information is downloadable.
- Any user can add new resources, that will be approved before being published.

2 HOW IT WORKS & KEY RESULTS

USE CASE

To answer key questions and/or gather information at contingency planning phase or during training.

eg: *How to deal with an HNS spill? Are there databases on chemical behaviour?, impacts?, ...*

OUTPUT EXAMPLE

PROJECT

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Description of the project

Acronym
HNS-MS

Title
Improving preparedness to face HNS pollution of the marine system

Objectives
HNS-MS aims at developing a one-stop shop integrated HNS decision-support tool that is able to predict the drift, fate and behaviour of HNS spills under realistic environmental conditions and at providing key product information - drawing upon and in complement to existing studies and databases - to improve the understanding and evaluation of a HNS spill situation in the field and the environmental and safety-related issues at stake. The 3D HNS drift and fate model and decision-support tool will also be useful at the preparedness stage, e.g. for HNS risk assessment studies, to improve the HNS behaviour and impact assessment and for training purposes.

Start year
2015

End year
2016

Funding programme
DG ECHO

Coordinator institution
Royal Belgian Institute of Natural Sciences (RBINS)

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Coordinator country
Belgium

Related KNOWLEDGE OUTPUTS (7)

- HNS database
- Map of environmental and socioeconomic sensitivity
- Mapping environmental and Socio-Economic Vulnerability to HNS maritime Pollution - HNS-MS final report, part III
- HNS-MS Layman's report
- Understanding HNS behaviour in the marine environment - HNS-MS final report, part I
- Modelling drift, behaviour and fate of HNS maritime pollution - HNS-MS final report, part II
- HNS-MS Decision-Support System User's Guide - HNS-MS final report, part IV

MANIFESTS [Tools](#) [Publications](#) [Medias](#) [Events](#) [Contact](#)

HNS Database

How to use

You can click on a row to view details.
You can search by name, CAS Number or UN Number.

Name	Provider	CAS number	UN number
1,1,1-Trichloroethane	REMPEC	71-55-6	2831
1,1,2,2-Tetrachloroethylene	CEDRE	127-18-4	1897
1,1,2,2-Tetrachloroethylene	REMPEC	127-18-4	1897
1,1,2-Trichloro-1,2,2-Trifluoroethane	REMPEC	76-13-1	-
1,1,2-Trichloroethane	REMPEC	70-00-5	3082
1,1,2-Trichloroethene	CEDRE	79-01-6	1710
1,1,2-Trichloroethene	REMPEC	79-01-6	1710
1,1'-Biphenyl	REMPEC	92-52-4	3077
1,1-Dichloroethane	REMPEC	75-34-3	2362
1,1-Dichloropropane	REMPEC	78-99-9	1993

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