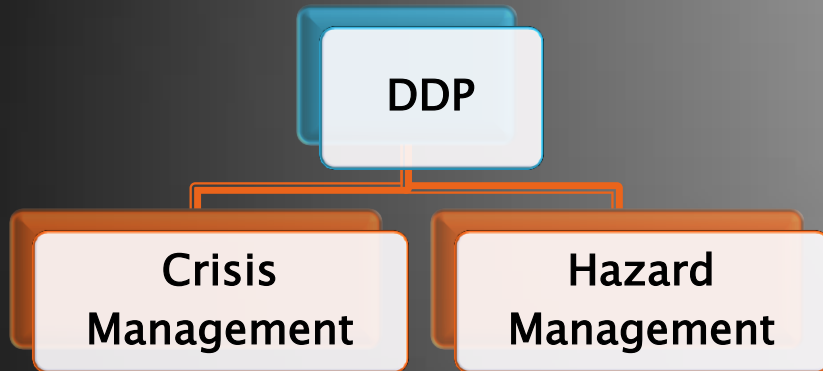


Identifying hazardous activities in the Danube Delta: Hazard map

UNECE Project on Hazard and Crisis Management in the Danube Delta
Final project workshop (Bucharest, 20–21 October 2015)

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UNECE Convention on the Transboundary Effects of Industrial Accidents

Recap: Danube Delta Project



HM objectives / expected results:

- ▶ Identification of areas for enhancing and possibly harmonizing procedures for HM, including hazard assessment
- ▶ Establishment of a hazard spots map in the region of the Danube Delta with the hazards identified in a harmonized way
- ▶ Enhance cooperation between competent authorities and operators of major industrial facilities
- ▶ Introduction of procedures for hazard notification

Implemented measures to reach a harmonized identification of HA

- ▶ 1. Technical workshop on hazard management (Chisinau, 12–13 July 2011)
- ▶ 2. Establishment of inventories of HA
- ▶ 3. Development of hazard spots map

1. Technical workshop on hazard management (Chisinau, 12–13 July 2011)



- ▶ Exchange of information on legal bases, procedures and measures for IA prevention
- ▶ No common basis for the identification of HA or the exchange of data on HA between CAs across the border
- ▶ Conclusion: Establishment of inventories of HA in the Danube Delta

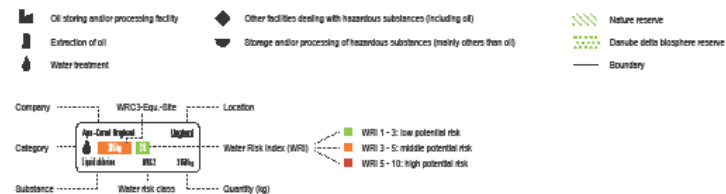
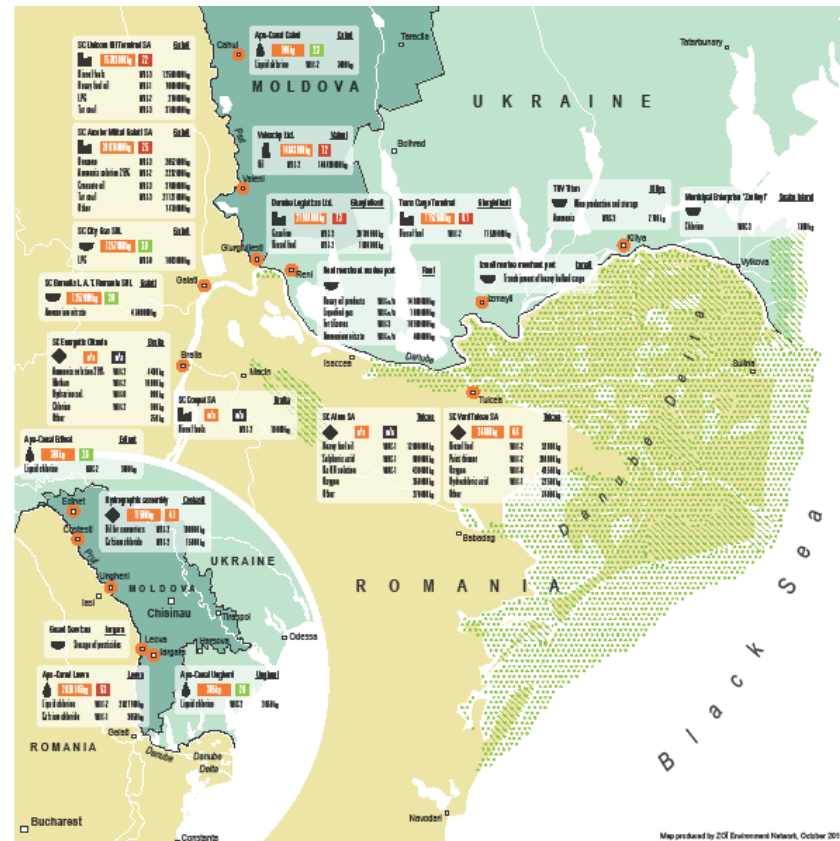
2. Establishment of inventories of HA

- ▶ Exchange of information on HA in the Danube Delta in 2012 and updated in 2013 and 2015
 - Location / type of facility
 - Names and max. quantities of hazardous substances present
- ▶ Harmonization of data:
 - Determine the Water Risk Class (WRC): 0 (no hazard), 1 (low), 2 (hazardous), 3 (severe)
 - Calculate the **Water Risk Index (WRI)** of a plant, based on the equivalent of water risk class 3
 - WRI 1 – 3 low potential risk
 - WRI 3 – 5 middle potential risk
 - WRI 5 – 10 high potential risk
 - Example

Harmonized approach for identifying hazardous activities

▶ WRC => WRI

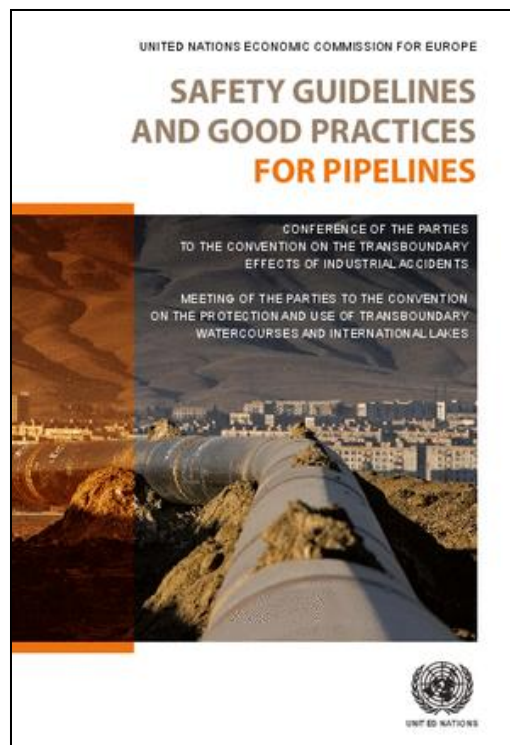
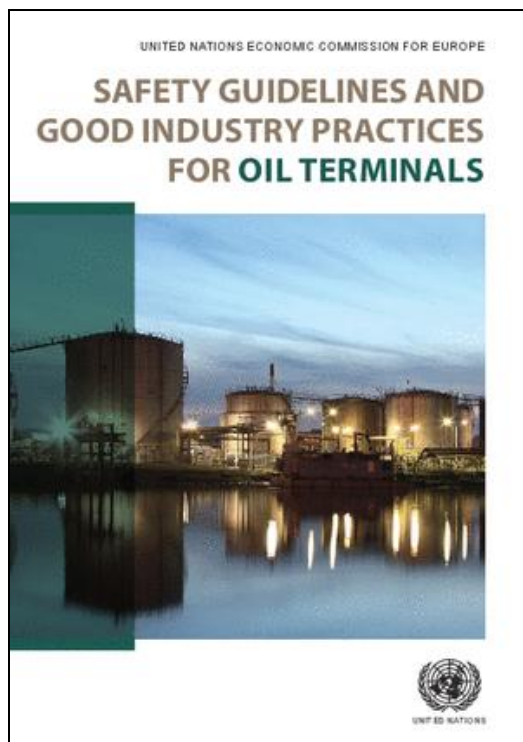
Development of a hazard spots map for the Danube Delta



Transboundary Cooperation



Guidelines and good industry practices



All publication available at <http://www.unece.org/environmental-policy/conventions/industrial-accidents/publications.html>

For more information please visit:

www.unece.org/env/teia

Or contact me:

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Thank you for your
attention