

6th meeting of Steering Group

Priority Area 1a of the Danube Region Strategy
on Inland Waterways

Budapest | 21 November 2013



A Convention for Ship Waste Management on the Danube

6th Steering Group Meeting



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Budapest, 21.11.2013

Jointly for our common future

„.... A lot has been done



quotes: White Paper, COM (2011) 144 final

Principles

**Stakeholder
Involvement**

**Practicability
& Innovation**

**Communication
&
Dissemination**

Sustainability

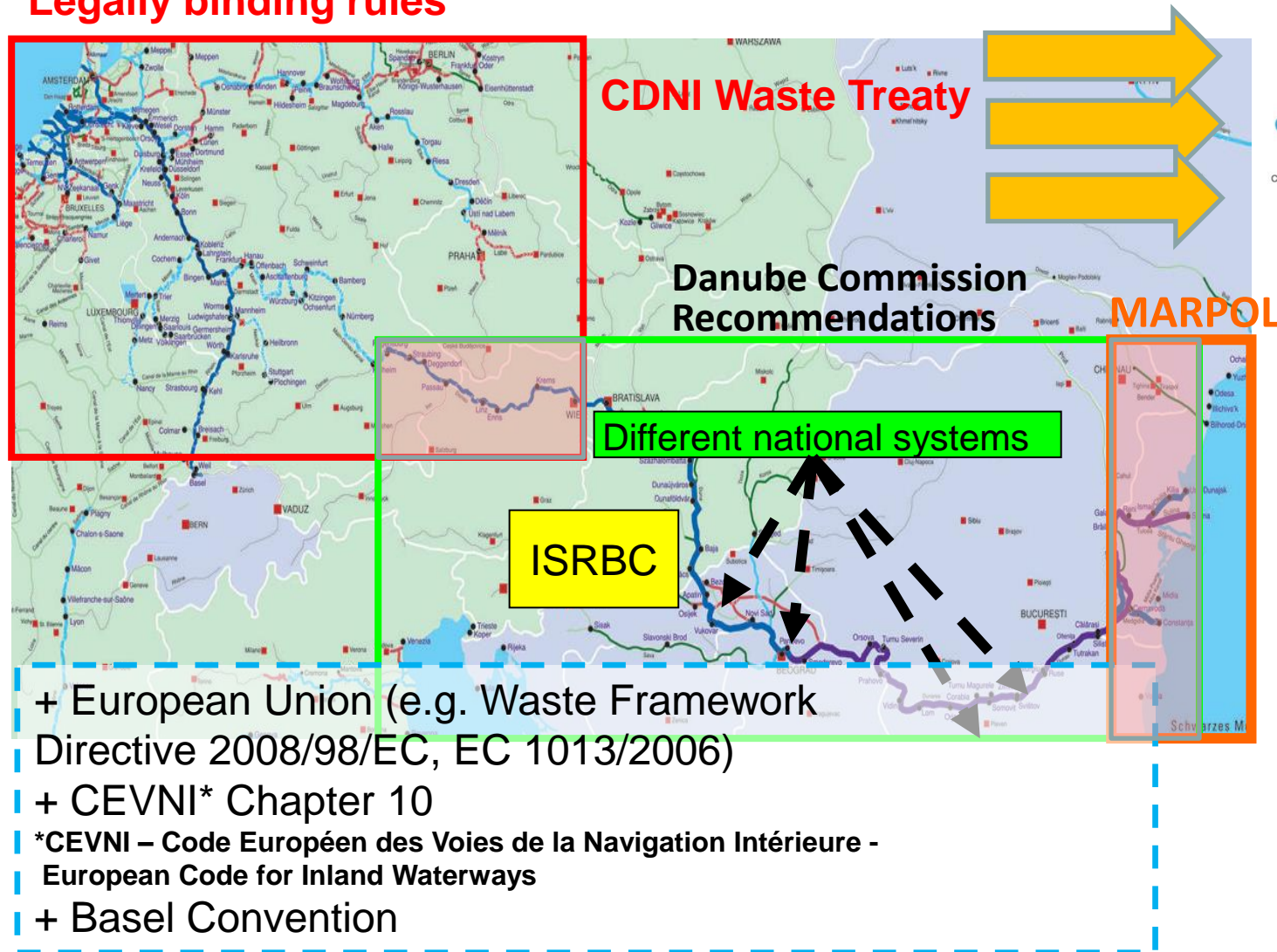
Environmental protection
Economic prosperity
Regional cohesion




**Green Transport System in
the Danube region**

Frame Conditions

Legally binding rules



Basic Conditions

1. Legal framework is diverse & split
2. Different technical systems used for
 - Waste disposal
 - Re-financing of the costs
3. Vessels are not allowed to dispose their waste in every country!
4. Delivering waste might be time consuming or impossible  **risk of illegal discharges**

The following **KEY FACTORS** shall be developed along the **DANUBE...**

**International Danube
Ship Waste
Convention**

**User – friendly state of the
art waste reception
facilities**

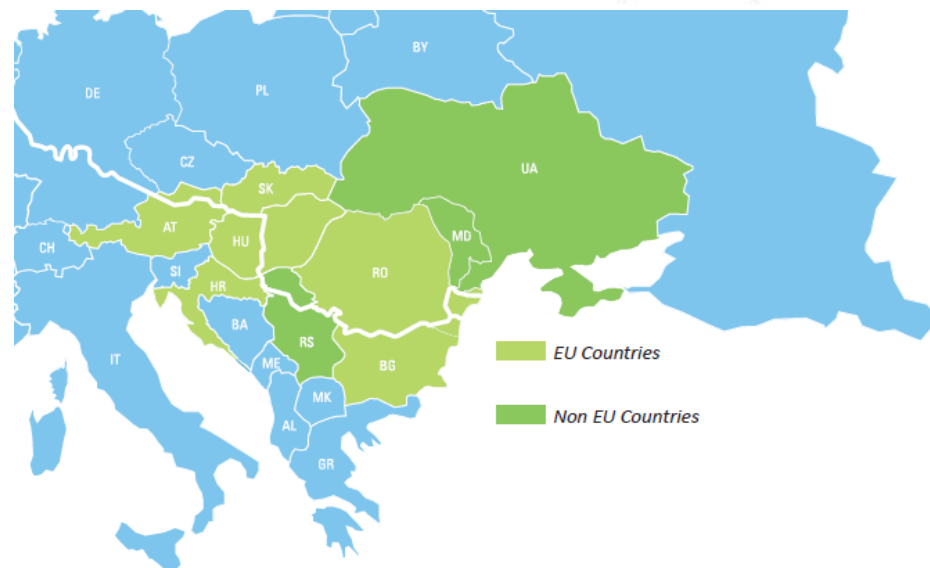


**Harmonised
approach for
financing waste
disposal services
= Financing Model**

**Control
Mechanisms**

COntention for WASTE management for inland Navigation on the DANube

- **Run time: October 2012 – September 2014**
- **12 Partners** from AT, SK, HU, HR, RS, RO, BG, MD, Ukr
- ERDF, IPA, ENPI Funds
- Budget: 1.8 mio EUR
- **6 international Observers**



International Observers



Danube Commission



**International Commission for the Protection
of the Danube River**



**Central Commission for the Navigation of the
Rhine**



International Sava River Basin Commission



**Austrian Federal Ministry for Transport,
Innovation and Technology**

Bilgenentwässerungsverband, Germany

Main Activities



- **Advancement of running ship waste management systems**



Waste prevention & Handling onboard, Network of Reception Facilities, Financing Model, River Information Services

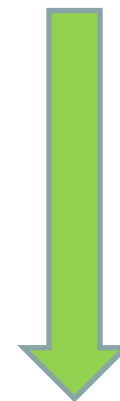
- **Implementation of practical tests and pilot activities**



- **Development of an International Danube Ship Waste Convention**

Development of the Int'l Danube Ship Waste Convention

1. Formation of an International Implementation Board: Budapest - 27.2.2013
2. Preparation of the Convention
⇒ ongoing
3. Strategies for Implementation
⇒ 2014
4. International Coordination & Harmonisation
⇒ ongoing




September
2014

1. The International Implementation Board (IIB) (1)



1. The International Implementation Board (IIB) (2)

- **Goal:** Participation in the preparation of the IDSWC + support of project partners with their tasks
- **National and international experts** from inland waterway transport, waste management, administration and international law;
- AT ✓ SK ✓ HU ✓ HR ✓ (RS) - BG ✓ RO ✓ MD ✓ Ukr ✓


1. Meeting: 27.2.2013, Budapest

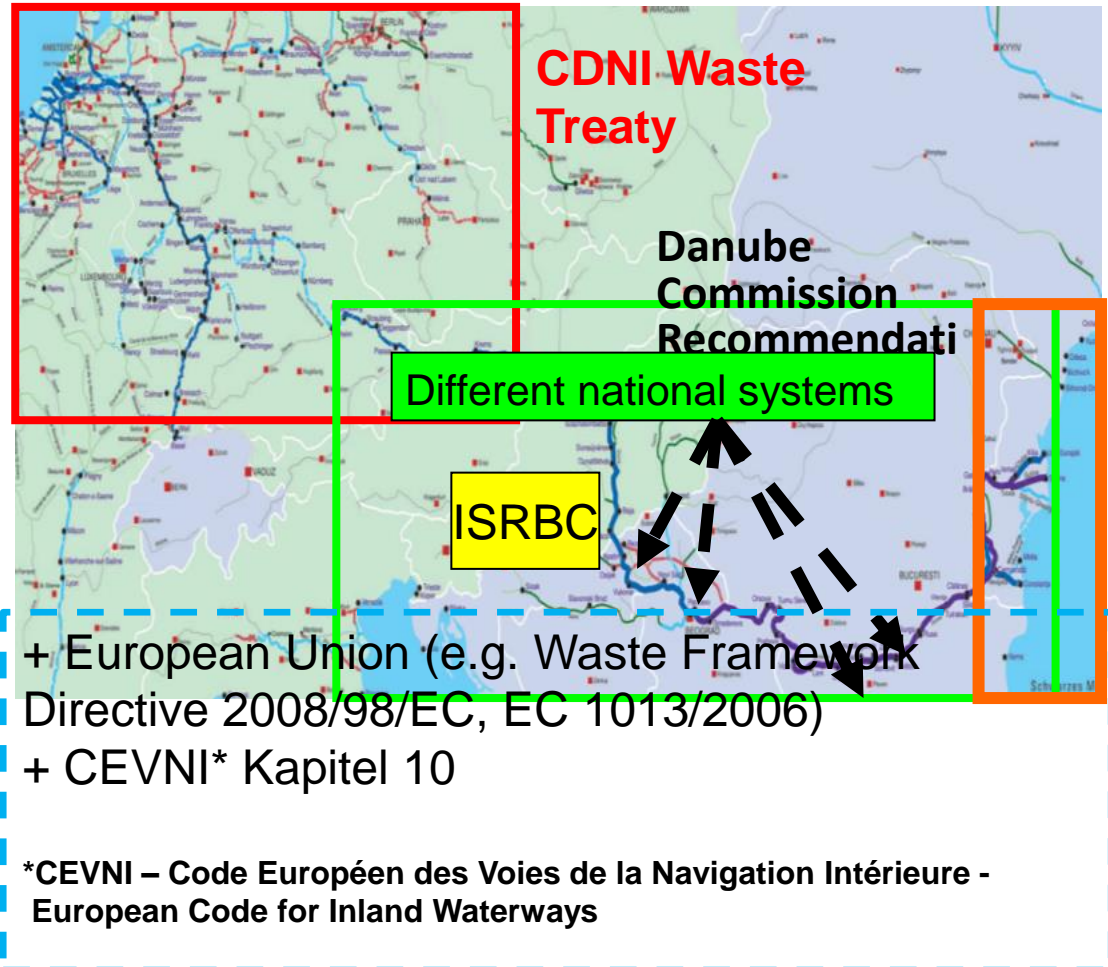
2. Meeting : February/March 2014 - Bratislava

3. Meeting : June 2014 - Vienna

(4th Meeting: September 2014)

2. Preparation of the Convention

- In progress
- Contains rules for handling different types of ship waste
- Draft version until January 2014
- Discussed at 2nd IIB meeting
- Amended till June 2014

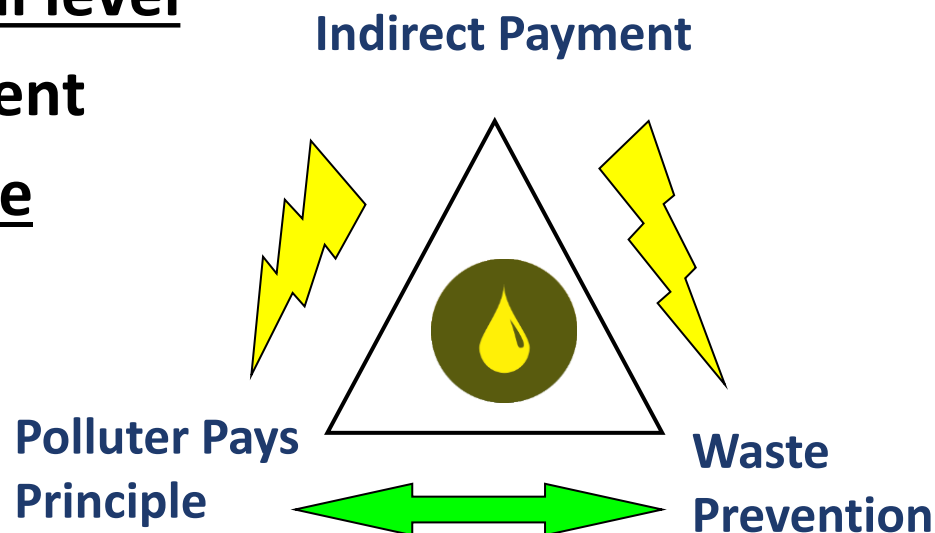


Financing Model for oily and greasy ship waste

- ... is necessary for re-financing costs of waste disposal
- ... shall meet requirements according to international & national legislation, policies & strategies
- ... be applicable on international level
- ...be simple & cheap to implement
- ... harmonised along the Danube



**Development of an
Electronic Vignette System**



Electronic Vignette System (EVS)

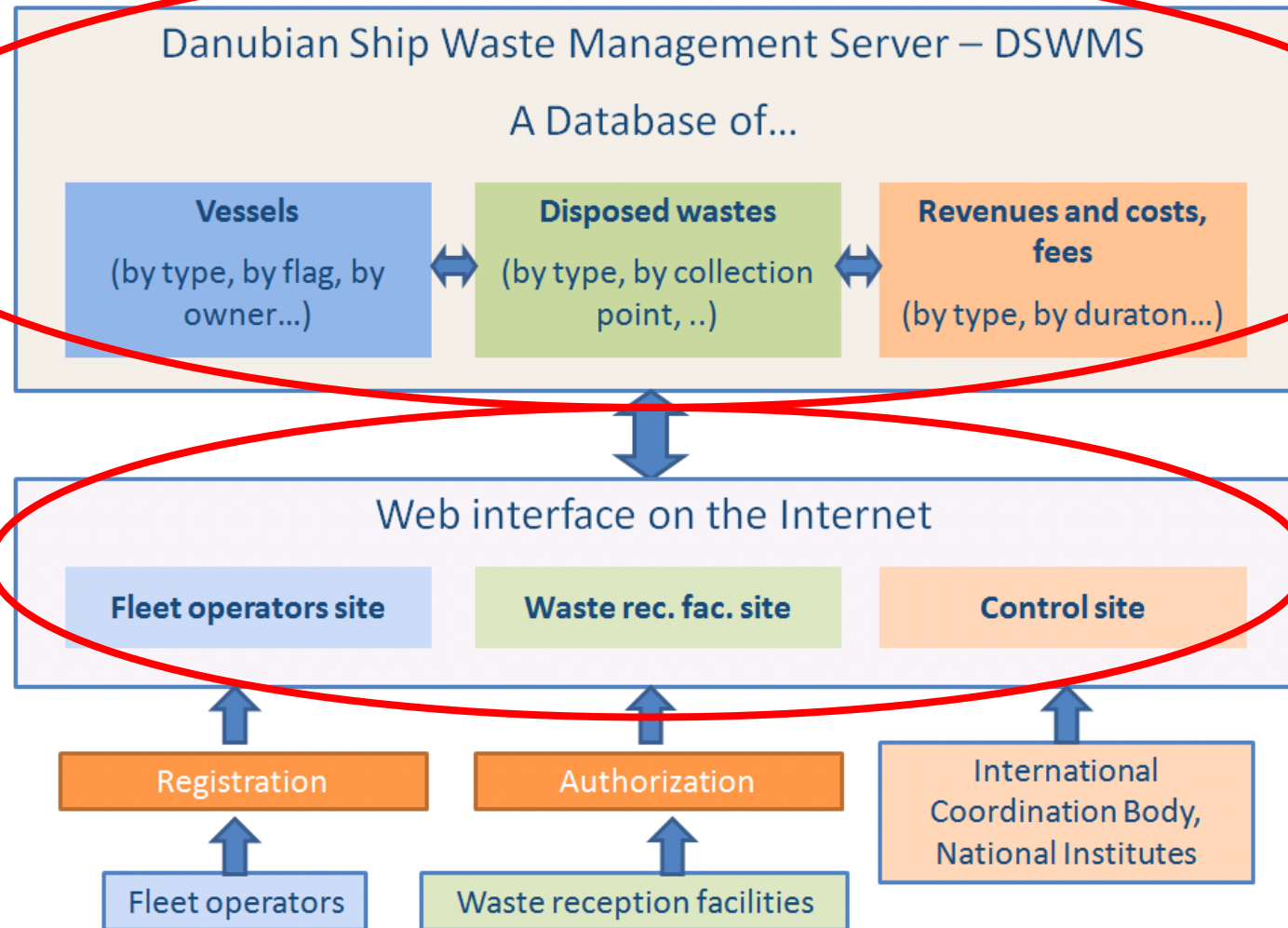
Goal: to support waste reception network management

- vessels' registration
- virtual vignette distribution and checking
- electronic payment
- waste disposal reporting
- overall system management



Electronic Vignette System (2)

The structure of EVS:



Electronic Vignette System (3)

Registration: Vessels, which register for a vignette can dispose oily & greasy ship waste free of charge

The screenshot shows a web browser window displaying the 'FLEET OPERATOR SITE' for the CO-WANDA project. The browser's address bar shows the URL 'https://co-wanda-project.eu/col/action/len/first/add/'. The page header includes the 'co-wanda' logo, the 'SOUTH EAST EUROPE' logo, and the European Union flag. A navigation bar contains links: 'Info about P...', 'Action', 'Add vessel data', 'Download your Vignette', and 'Your data'. The 'Action' and 'Add vessel data' links are circled in red. Below the navigation bar, there are four buttons: 'CANCEL', 'SAVE DATA', 'SAVE AND ADD NEW VESSEL', and 'SAVE AND ADD VIGNETTE'. The 'SAVE AND ADD NEW VESSEL' and 'SAVE AND ADD VIGNETTE' buttons are also circled in red. The main form is titled 'ADD VESSEL' and contains two columns of input fields. The left column includes: 'Type of vessel*' (dropdown), 'Flag of vessel*' (dropdown), 'Name of vessel*' (text), 'ENI number of vessel' (text), 'Other identification number' (text), 'Length*' (text with unit 'm'), and 'Beam*' (text). The right column includes: 'Is there any on board equipment for oily water cleaning?*' (dropdown), 'Area of operation*' (dropdown with options: 'National', 'International - Upper Danube Region (Kehlheim - Budapest)', 'International - Middle Danube Region (Budapest - Belgrade)', 'International - Lower Danube Region (Belgrade - Black Sea)', and 'International - Black Sea Region (Chim)'), 'Estimated operational days/year*' (text with unit 'days/year'), 'Estimated engine operating hours/year*' (text with unit 'hours/year'), and 'Where does the vessel usually dispose wastes*' (dropdown with options: 'Upper Danube Region (Kehlheim - Budapest)', 'Middle Danube Region (Budapest - Belgrade)', and 'Lower Danube Region (Belgrade - Black Sea)'). The Windows taskbar at the bottom shows the Start button, several application icons, and the system clock displaying '11:28' and '2013.11.18.'.

Electronic Vignette System (4)

Waste disposal management:

Waste Reception Facilities can check vignettes, report collected amounts in an electronic system

The screenshot shows a web browser window displaying the CO-WANDA application. The page has a blue header with navigation links: "Search for vessels", "Waste reporting", and "Your data". A green button labeled "QUIT to CO-WANDA site" is on the right. The main content area is titled "WASTE MANAGEMENT SITE" and "CHECKING VIGNETTE". It contains three input fields: "Vignette ID", "ENI number or other identification number of Vessel", and "Name of vessel". A blue button labeled "CHECKING" is positioned to the right of these fields. Below the input fields is a section titled "RESULT" which displays a green message: "The vessel has a valid vignette". Under this message, there are several fields for reporting: "Validity period: Duration of Pilot", "Vignette ID:", "Name of contact person:", "E-mail of contact person:", "Name of vessel:", and "ENI number of vessel:". A blue button labeled "DISPOSAL REPORTING FOR THIS VESSEL" is located at the bottom of the reporting section. The browser's address bar shows the URL "https://co-wandaproject.eu/pilotaction/en/waste/searchvessel". The Windows taskbar at the bottom shows the Start button and various application icons, with the system clock indicating 11:37 on 2013.11.19.

Electronic Vignette System (5)

Statistics:

- **Start:** in summer 2013
- in RO, BG, HR, HU, SK, AT, at > 20 locations
- > 150 vessels registered for a vignette
- > 100 disposals
- Collected waste amount in total:

Bilge water: > 400.000 l

Waste oil: > 23.000 l

Solid oily and greasy ship waste: > 2.000 kg

NEWS

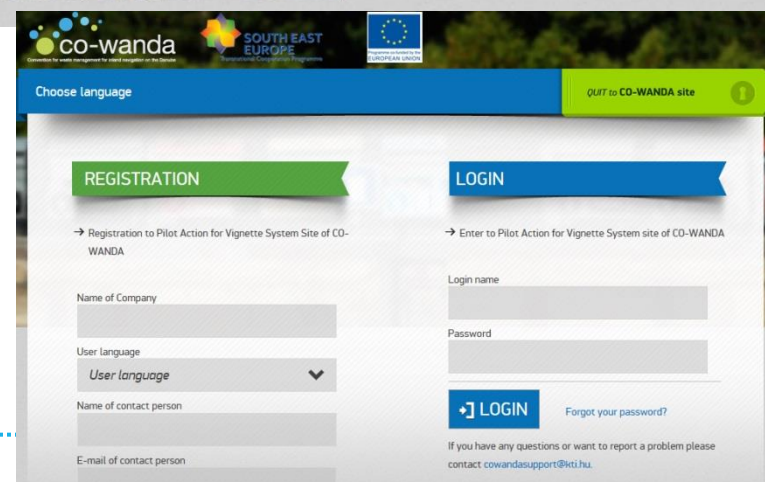
TRANSNATIONAL PILOT ACTION SUCCESSFULLY STARTED!

01 July 2013



With first of July the CO-WANDA pilot for international ship waste collection has successfully started.

More than 70 vessels already decided to be part of this pioneer action testing a transnational vignette system for ship waste collection. Owning a vignette oily and greasy ship waste can be disposed free of charge in Austria, Slovakia, Hungary, Croatia, Bulgaria and Romania. Be part of the CO-WANDA pilot action and register under: <https://co-wandaproject.eu/pilotaction/>.



The screenshot shows the CO-WANDA website interface. At the top, there are logos for 'co-wanda', 'SOUTH EAST EUROPE', and the 'EUROPEAN UNION'. Below the logos, there is a 'Choose language' dropdown menu and a 'QUIT to CO-WANDA site' button. The main content area is divided into two sections: 'REGISTRATION' and 'LOGIN'. The 'REGISTRATION' section includes a link to 'Registration to Pilot Action for Vignette System Site of CO-WANDA' and a form with fields for 'Name of Company', 'User language' (with a dropdown menu), 'Name of contact person', and 'E-mail of contact person'. The 'LOGIN' section includes a link to 'Enter to Pilot Action for Vignette System site of CO-WANDA' and a form with fields for 'Login name' and 'Password'. There is a 'LOGIN' button and a link to 'Forgot your password?'. At the bottom, there is a note: 'If you have any questions or want to report a problem please contact covandasupport@kti.hu'.

Implementation & International Coordination

3. Strategies for Implementation (Jan 2014 – Sept 2014)

- On national & international level
- Definition of necessary steps for subsequent implementation (technical, legal, financial)
- Joint Action Plan
- Elaboration of a follow-up proposal

4. International Coordination (Oct 2012 – Sept 2014)

- Rhine Region & Sava River “lessons learned”, Marpol
- CO-WANDA Advisory Expert Group
- Stakeholders, European Union, Danube Region Strategy

Appeal

Please support the Project Partners with

- Evaluating national frame conditions
- Data investigations
- Feedback to the draft Convention
- Facilitate communication on national level



Next steps

**Preparation of the Draft
Convention by the consortium –
December 2013**



**2nd International Implementation
Meeting – February 2014**

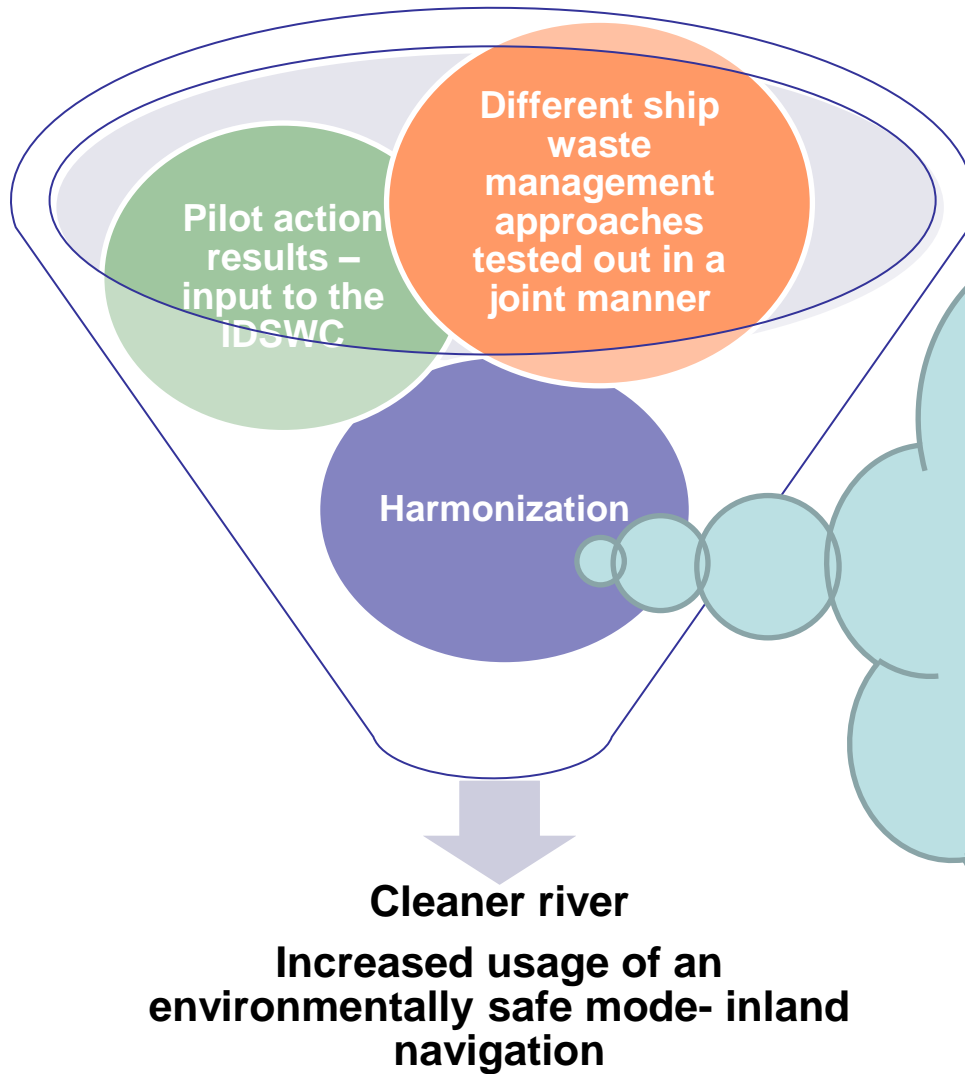


**3rd International Implementation
Board Meeting – June 2014**



Project Closure – September 2014

Summary



- The international/ national legal framework
 - The ship waste management network: joint events
- Education of port users/skippers for protecting the Danube against illegal discharges

Conclusions

- **International coordination on operational level is necessary**
- **Streamlining of national processes will lead to a redistribution of financial contributions**
- **Goals can be reached stepwise**
- **Contributions of the participating States & support of European Union will be required**

Questions & Discussion



Thank you for your attention!



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