



VoortVarendBesparen

Erwin van der Linden
Straatsburg, April 24th 2013

Overview Smart Steaming

VoortVarendBespàren



- Program successful in addressing the **human factor** in fuel saving & CO₂-reduction
 - 2007 – 2010: implemented by Ministry of Infrastructure & Environment
 - As of 2011: owned by the sector and supported by EICB (legal rights)
- 3 main pillars:
 - Training
 - Tools
 - Platform

Results

- Evaluated by Ecorys (2011)
- 6,7% fuel reduction 2007 → 2010
- > € 50 mln. in savings

VoortVarendBesparen



Monitor VoortVarend Besparen

Eindmeting

Opdrachtgever: Agentschap NL

Rotterdam, 4 mei 2011

Resultaten per jaar bij de gerealiseerde 6,7% besparing				
	NOx mln kg	NMVOs mln kg	PM mln kg	CO2 mln kg
Besparing emissie en brandstof tov 2007 (bronicijfers: CBS)	1,742	0,241	0,0744	119,6
In geld uitgedrukt (bronicijfers: CE, Handboek schaduwrijzen, 2010)	€ 18.465.200	€ 602.298	€ 3.049.170	€ 2.989.875
	Maatsch. kosten	Bedrijfsleven	Totaal	
Besparing 2010 minus totale uitvoeringskosten programma in euro tov 2007	€ 21.916.881	€ 27.180.682	€ 49.097.563	
Besparing jaarlijks in euro per jaar na 2010 tov 2007	€ 25.106.543	€ 27.180.682	€ 52.287.225	





- **Training:**
 - Student education (20 hours) as well as standalone workshop (4 hours)
- **Tools:**
 - 2007 - 2010: 50 pieces of technological aid subsidized
 - 2010 – 2012: CO₂-saving competition
 - 2012 – 2013: development of CO₂-Benchmarktool
- **Platform:**
 - stakeholders share best practices (4 times a year)
 - permanent communication effort through www.ikvaarzuinig.nl
- **Overall target: create awareness**
 - Press communications, industry exhibitions

Road Ahead: 20% reduction by 2020

VoortVarendBespàren



- Training:
 - Improve the number of participants
 - International groups (e/g Imperial Shipping)
 - Develop E-learning module
- Tools:
 - Step-by-step improvement CO₂-benchmarktool
 - Gather more data (anonymously!) for better policy planning
 - Investigate potential tool as a basis for certification
- Platform
 - Work together with new projects e.g. “Innovation Garage” as to co-develop technical solutions to support the human factor
 - Development of international communication plan

Ideas for an European approach

VoortVarendBespāren



- Currently, the financial means are modest
- Yet there is a lot of momentum
 - German groups following the training course
 - CCR-agenda
- Additional funding can supply for an international impact corresponding with the programme's ambitions!
- Setting priorities, drafting the case (summer '13):
 - Development of e-learning course on Smart Steaming
 - Multilingual webportal
 - **Your ideas...?**