Overview Smart Steaming

• Program successful in addressing the **human factor** in fuel saving & CO$_2$-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
Instruments

• Training:
  – Student education (20 hours) as well as standalone workshop (4 hours)

• Tools:
  – 2007 - 2010: 50 pieces of technological aid subsidized
  – 2010 – 2012: CO$_2$-saving competition
  – 2012 – 2013: development of CO$_2$-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

• Training:
  – Improve the number of participants
  – International groups (e.g. Imperial Shipping)
  – Develop E-learning module

• Tools:
  – Step-by-step improvement CO₂-benchmark tool
  – 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

• 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
  – Multilangual webportal
  – Your ideas…?