

The SWERA project

Presentation and expectations of
Partner No 2:
Chalmers University of Technology



Kick-off meeting, May 15th 2014

Ida-Maja Hassellöv

Chalmers' previous shipwreck work

- 2007 Pre-study on shipwreck risk assessment and remediation
- 2009-2013 Development of a protocol for shipwreck risk assessment in Scandinavian waters (VRAKA)
- 2009-2011 Assisting the Swedish Maritime Administration in their governmental task "Environmental risks from shipwrecks"
(Phase I: shipwreck inventory)

...continued Chalmers' previous shipwreck work

- 2012 Innovation project; work-shop for Swedish competent authorities for user evaluation of VRAKA
- 2014 (ongoing) Project lead and continued development of VRAKA in Swedish Maritime Administration's governmental task "Environmental risks from sunken shipwrecks" (Phase II: In-situ investigation for risk assessment method development)

In general two legs

- Risk assessment model, VRAKA
Prof Lars Rosén,
Assist prof Andreas Lindhe
PhD-student Hanna Landquist
- Ecotoxicological effects of low concentrations of oil
Assoc prof Ida-Maja Hassellöv
PhD-student Fredrik Lindgren
PhD Ingela Dahllöf, Head of the Dept of Biology and environmental sciences, University of Gothenburg

Expectations of the SWERA collaboration

- Validation of the probability part of VRAKA
- Development of the consequence part and its coupling/interface to the probability part of VRAKA (Risk=probability*consequence)
- Continued work on anchoring of VRAKA in Helcom Submerged
- Establishment of Baltic Sea and EU network on potentially polluting shipwrecks – platform for future EU proposals?

Wrecks of the World III

- Conference in Gothenburg spring 2015?
- Planning with Dagmar Etkin, Environmental Research Consulting, US



BONUS

SCIENCE FOR A BETTER FUTURE OF THE BALTIC SEA REGION