



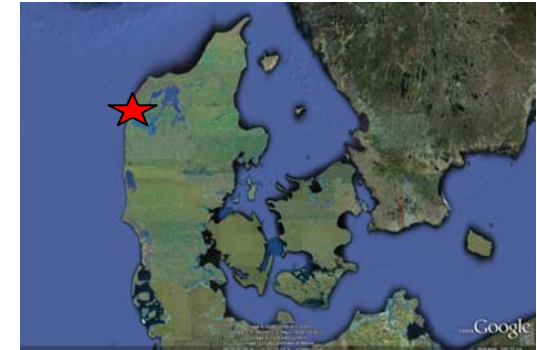
"NorthPestClean"

PROJECT LOCATION: "Groyne 42", Denmark

BUDGET INFO:

Total amount: 1.6 Million EURO

EC Co-funding: 50%



DURATION: Start: 01/09/10 - End: 31/12/13

PROJECT'S IMPLEMENTORS:

Coordinating Beneficiary: Region Midtjylland, Denmark

Co-financier: Danish Environmental Protection Agency



BACKGROUND and AIMS:

Environmental problem targeted:

- Pesticide contamination of soil and groundwater

Aims:

- Demonstrate the efficacy of a novel soil remediation technology in large-scale pilot test cells
- Test different techniques to enhance *in situ* contact between contaminants and reactant
- Develop risk assessment based stop-criteria for full-scale remediation of the pesticide contaminated site "Groyne 42"

MAIN EU POLICY TARGETED:

- The Soil Thematic Strategy (COM(2006)231)
- The proposal for a Soil Framework Directive (COM(2006)232), 22 September 2006

MAIN ACTIVITIES:

- Establishment of pilot test cells at the contaminated site "Groyne 42"
- Implementation of large-scale demonstration trials with *in situ* alkaline hydrolysis in the test cells
- Testing of enhancement technologies to improve the efficacy of *in situ* alkaline hydrolysis
- Establishment of risk assessment based stop-criteria for remediation

EXPECTED RESULTS:

- Demonstrate that *in situ* alkaline hydrolysis is a cost-effective method to clean-up heavily pesticide contaminated soil and groundwater
- Demonstrate that enhancement technologies increase the efficacy of the *in situ* alkaline hydrolysis
- Generate a political decision-basis report for a full-scale remediation at "Groyne 42"