

Preparation for Threats to Environments in Arctic Regions (PRETEAR)

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PRETEAR - The Details

- **Project Duration:**
17 months (Start October 2009 – end November 2011)
- **Coordinating Beneficiary**
The Norwegian Fire Protection Training Institute, Norway



Vesterålen ● Harstad

● nbsk Narvik
Evenes

PRETEAR - The Details

- **Partners**

Narvik University College, Norway

Harstad University College, Norway

Inasmet Tecnalia, Spain

University of Iceland, Iceland

Swedish Civil Contingencies Agency, Sweden

Oil Spill Response Ltd, UK (self-funded)

Pomor State University, Russia (self-funded)

- **Total Eligible Costs:** €609,124
- **EC Financial Contribution:** €456,843



UNIVERSITY OF ICELAND



Pomor State University



Swedish Civil
Contingencies
Agency



nbsk Norges brannskole

PRETEAR – The Problem

PRETEAR responds to increased threats to fragile coastal ecosystems facing Northern Regions following discovery of large reserves of natural resources, resulting in:

- Increased maritime transport
- Increased commercial shipping navigating the North East and North West passages



PRETEAR – The Problem

Responses in the region can be hampered by:

- Cold climate issues
- Sparse population
- Lack of daylight during wintertime

Early investigation and planning is needed to avert potential environmental disasters in unique coastal conditions



PRETEAR – Response to the Problem

The project will:

- Review specific challenges and capabilities currently in place
- Simulate and model relevant and critical scenarios
- Perform statistical studies
- Review regional compatibility
- Review needs for developments in training, mobility & cross-border collaboration
- Create a firm base for preparedness and protection
- Identify generic features transferable to other regions within Europe and globally



PRETEAR - Outcomes

The project will:

- Create a firm base for informed preparedness and protection for the region
- Improved the effectiveness of emergency responses
- Reinforce close collaboration and cohesion within the region
- Raise public and state awareness of potential threats
- Identify training 'gaps' leading to development of specific training modules to increase response effectiveness and reduce personal risk



PRETEAR - Outcomes

The project will:

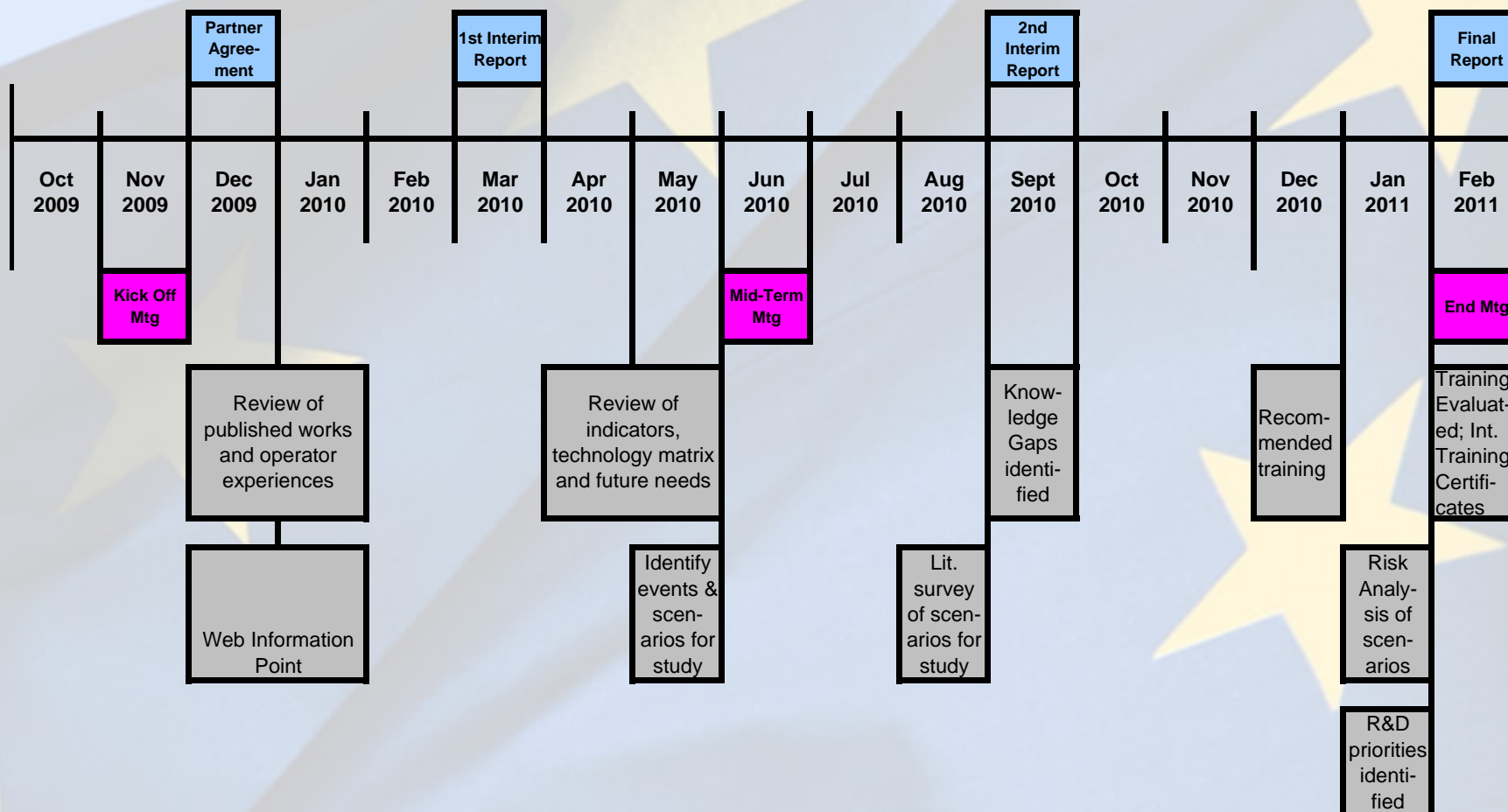
- Identify generic outcomes to transfer to other regions
- Assist in establishing hazard response 'standards' to improve effectiveness where mobility of people is a need
- Establish a base for sharing best practice
- Involve communities, civil protection bodies and industry.



PRETEAR – Tasks and Deliverables

Task	Deliverables
Review of special challenges in Northern Areas	Preliminary and final reports
Review of current capabilities and analysis in view of present and future challenges	Review of indicators; Current technologies matrix; Future technology & methodology needs identified
Simulations and analyses of relevant scenarios	Identify events/scenarios; Lit survey for scenarios; Identify knowledge gaps; Risk analysis; Identified R&D priorities
Identification of training needs and cross border issues	Recommend training needs; Evaluate training modules in ECTS; International training certificate
Project Management and Dissemination	Web info point; Partner Agreements; Reporting; Kick-off, interim and final meetings.

PRETEAR – Key Events



PRETEAR – Beyond the Project

The funding will create a base to:

- Maintain and expand international network for preparedness and protection
- Continue dissemination of results
- Develop and apply training modules – International standards
- Influence civil protection agencies and governments

Thank-you for your attention



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The Norwegian Fire Protection Training Institute