


Project Data Sheet

BASIC PROJECT DATA			
Full project title:	Extreme weather impacts on European networks of transport		
Short project title: (acronym)	EWENT	Project logo:	
Project website:	ewent.vtt.fi	Project ID:	PA1A080
Need and added value for Danube Region Strategy:	Improved knowledge of the impact of extreme weather events on the traffic system in the Danube Corridor, including possible adaptation measures.		
Objective(s) of project:	The projects' objective was the estimation and monetisation of disruptive effects of extreme weather events on the operation and performance of the EU transportation system.		
Project activities:	<p>The project addressed the EU policies and strategies on climate change with particular focus on extreme weather impacts on the EU transportation system. The methodological approach was based on a generic risk management framework which followed a standardised process starting with the identification of hazardous extreme weather phenomena, followed by an impact assessment and concluded by mitigation and risk control measures.</p> <p>In detail, the project comprised:</p> <ul style="list-style-type: none"> • Identification and definition of hazards on the EU transport system • Estimation of the probabilities of risk scenarios related to extreme weather events • Estimation of the consequences of extreme weather events based on the scenarios developed • Monetisation of harmful consequences for each mode of transport considered • Risk assessment based on impact evaluation and options for reduction and control of harmful events resulting from extreme weather • Analysis of different management and policy options 		
Transboundary impact:	The results were derived on national and EU level.		
Project beneficiaries / target groups:	<ul style="list-style-type: none"> • Waterway management authorities • Political decision-makers • Inland navigation industry 		
STATUS AND TIME FRAME			
Current project phase: (please tick a box)	<input type="checkbox"/> Definition (e.g. project idea, abstract) <input type="checkbox"/> Preparation (e.g. project proposal, feasibility study) <input type="checkbox"/> Implementation <input checked="" type="checkbox"/> Completion		
Start date:	01.12.2009	End date:	31.05.2012

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Notes:	-	
PROJECT TEAM		
Project leader:	VTT Technical Research Centre / Finland	
Project partner(s):	<ul style="list-style-type: none"> • via donau – Österreichische Wasserstraßen-Gesellschaft mbH / Austria • German Aerospace Center DLR / Germany • Institute of Transport Economics TÖI / Norway • Foreca Consulting Ltd Foreca / Finland • Finnish Meteorological Institute FMI / Finland • Meteorological Service of Cyprus CYMET / Cyprus • European Severe Storms Laboratory ESSL / Germany • World Meteorological Organisation WMO / United Nations 	
Contact person:	Name:	-
	Organisation:	Teknologian Tutkimuskeskus VTT
	Address:	Vuorimiehentie1000, Espoo / Finland
	Phone:	-
	E-Mail:	-
	Website:	www.vtt.fi
FINANCING		
Available: (please tick a box)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Partly <input type="checkbox"/> No	
Total budget:	1,915,794 EUR	
Source(s) and amount (potential sources for project ideas): (please tick a box and provide further info)	<input checked="" type="checkbox"/> National/regional funds:	436,813 EUR (State budgets)
	<input checked="" type="checkbox"/> EU funds:	1,478,981 EUR (Seventh Framework Programme – FP7) The project was co-funded in the EU's FP7; Call TPT-2008-RTD-1, Subprogramme area TPT-2008.0.0.1 Assessing disruptive effects of extreme weather events on operation and performance of EU transport system; Grant agreement no.: 233919
	<input type="checkbox"/> IFI loans:	-
	<input type="checkbox"/> Private funds:	-
	<input type="checkbox"/> Other:	-

PROJECT ENVIRONMENT	
Project cross-reference:	Effects of climate change on the inland waterway networks (ECCONET)
Cross-reference ID(s):	PA1A079
Strategic reference:	–
Relevant legislation:	–
Other:	–
EUSDR EMBEDDING	
Relation to other Priority Areas of the Danube Region Strategy: (please tick a box)	<input type="checkbox"/> PA1b: To improve mobility and multimodality – Road, rail and air links <input type="checkbox"/> PA02: To encourage more sustainable energy <input type="checkbox"/> PA03: To promote culture and tourism, people and people contacts <input type="checkbox"/> PA04: To restore and maintain the quality of waters <input checked="" type="checkbox"/> PA05: To manage environmental risks <input type="checkbox"/> PA06: To preserve biodiversity, landscapes and the quality of air and soils <input type="checkbox"/> PA07: To develop the knowledge society through research, education and information technologies <input type="checkbox"/> PA08: To support the competitiveness of enterprises, including cluster development <input type="checkbox"/> PA09: To invest in people and skills <input type="checkbox"/> PA10: To step up institutional capacity and cooperation <input type="checkbox"/> PA11: To work together to promote security and tackle organised and serious crime
EUSDR COMPLIANCE	
Compliance with targets of the Danube Region Strategy: (please tick a box)	<input type="checkbox"/> Increase the cargo transport on the river by 20% by 2020 compared to 2010. <input checked="" type="checkbox"/> Solve obstacles to navigability, taking into account the specific characteristics of each section of the Danube and its navigable tributaries and establish effective waterway infrastructure management by 2015. <input type="checkbox"/> Develop efficient multimodal terminals at river ports along the Danube and its navigable tributaries to connect inland waterways with rail and road transport by 2020. <input type="checkbox"/> Implement harmonised River Information Services (RIS) on the Danube and its navigable tributaries and ensure the international exchange of RIS data preferably by 2015. <input type="checkbox"/> Solve the shortage of qualified personnel and harmonize education standards in inland navigation in the Danube region by 2020, taking duly into account the social dimension of the respective measures.

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<p>Compliance with actions of the Danube Region Strategy: (please tick a box)</p>	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> To complete the implementation of TEN-T Priority Project 18 on time and in an environmentally sustainable way. <input checked="" type="checkbox"/> To invest in waterway infrastructure of Danube and its tributaries and develop the interconnections. <input checked="" type="checkbox"/> To modernise the Danube fleet in order to improve environmental and economic performance. <input type="checkbox"/> To coordinate national transport policies in the field of navigation in the Danube basin. <input type="checkbox"/> To support Danube Commission in finalising the process of reviewing the Belgrade Convention. <input type="checkbox"/> To develop ports in the Danube river basin into multimodal logistics centres. <input checked="" type="checkbox"/> To improve comprehensive waterway management of the Danube and its tributaries. <input type="checkbox"/> To promote sustainable freight transport in the Danube Region. <input type="checkbox"/> To implement harmonised River Information Services (RIS). <input type="checkbox"/> To invest in education and jobs in the Danube navigation sector.
<p>Affiliation to thematic working group of Priority Area 1a of the EUSDR: (please tick a box)</p>	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Waterway infrastructure and management <input type="checkbox"/> Ports and sustainable freight transport <input checked="" type="checkbox"/> Danube fleet <input checked="" type="checkbox"/> River Information Services <input type="checkbox"/> Education and jobs
OTHER RELEVANT ISSUES	
Project requirements:	–
Follow-up project:	MOWE IT - Management of weather events in the transport system (TPT.2012.2-2)
Any other issues:	–