


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 project objectives were 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. In detail, the project comprises:</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
Notes:	The project is co-funded in the EU's FP7; Call TPT-2008-RTD-1, Subprogramme		

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		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	
PROJECT TEAM			
Project leader:	VTT Technical Research Centre / Finland		
Project partner(s):	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		
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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)	
	<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		

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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.
Compliance with actions of the Danube Region Strategy: (please tick a box)	<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

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	<p>performance.</p> <p><input type="checkbox"/> To coordinate national transport policies in the field of navigation in the Danube basin.</p> <p><input type="checkbox"/> To support Danube Commission in finalising the process of reviewing the Belgrade Convention.</p> <p><input type="checkbox"/> To develop ports in the Danube river basin into multimodal logistics centres.</p> <p><input checked="" type="checkbox"/> To improve comprehensive waterway management of the Danube and its tributaries.</p> <p><input type="checkbox"/> To promote sustainable freight transport in the Danube Region.</p> <p><input type="checkbox"/> To implement harmonised River Information Services (RIS).</p> <p><input type="checkbox"/> To invest in education and jobs in the Danube navigation sector.</p>
<p>Affiliation to thematic working group of Priority Area 1a of the EUSDR: (please tick a box)</p>	<p><input checked="" type="checkbox"/> Waterway infrastructure and management</p> <p><input type="checkbox"/> Ports and sustainable freight transport</p> <p><input checked="" type="checkbox"/> Danube fleet</p> <p><input checked="" type="checkbox"/> River Information Services</p> <p><input type="checkbox"/> Education and jobs</p>
OTHER RELEVANT ISSUES	
Project requirements:	–
Follow-up project:	MOWE IT - Management of weather events in the transport system (TPT.2012.2-2) in negotiation stage
Any other issues:	–
META DATA	
Dated created / by:	02.03.2012 / Juha Schweighofer (via donau – Österreichische Wasserstraßen-Gesellschaft mbH, Austria)
Date of last update / by:	–