Management of weather events in transport system

Fact Sheet

Project information

**MOWE-IT**

- Grant agreement ID: 314506
- [Project website](#)
- Status: Closed project
- Start date: 1 October 2012
- End date: 30 September 2014

Funded under: FP7-TRANSPORT

Overall budget: € 2 351 047,20

EU contribution € 1 641 564

Coordinated by: Teknologian tutkimuskeskus VTT Oy Finland

Objective

The MOWE-IT project shall assess factors that prerequisite cross-modal transferability between the air and surface-based European transport systems in order to protect the passengers, shippers, European institutions and citizens against travel delays, cancellations and/or stoppages in freight transfer caused by extreme weather and/or other natural disasters. The on-going WEATHER and EWENT- projects have established how the different extreme weather events harm the safety and security of passengers and drivers, reduce the inter-urban and regional accessibility, disrupt logistics chains, delay cargo delivery, inflate supply costs for operators and consignees, and immobilise public infrastructure. However, there is still a need to find out how the air and surface transport systems may improve operational resilience by substituting each others’ services when suffering from traffic curtailment, infrastructure shutdowns, and/or capacity shortages caused by emergencies. Therefore, the MOWE-IT project shall assess how the companies in passenger and freight transport comply with the European users rights protection legislation shielding theses parties against travel delays, cancellations and/or disruptions, and in case of gaps in conformity, propose new guidelines for cross-modal alignment of decision-making, capacity planning and reserve-building models at transport service and infrastructure providers in addition to incentive structures and policy instruments for more effective legislation enforcement. Such an assessment will also draw from the possibilities to use weather and other information technologies to aide the transport system and
operators. The project will have 9 work packages, which focus on management and dissemination, transport-mode specific issues and cross-modal considerations and finally to short-term and long-term solutions and policy options for reducing the negative impacts of extreme weather and natural disasters.

Field of Science

/natural sciences/earth and related environmental sciences/physical geography/natural disaster
/social sciences/sociology/governance/crisis management
/social sciences/social and economic geography/transport
/social sciences/social and economic geography/transport/freight transport
/social sciences/sociology/governance/public services

Programme(s)

FP7-TRANSPORT - Specific Programme "Cooperation": Transport (including Aeronautics)

Topic(s)

TPT.2012.2-2. - Reduction of the vulnerability of the European Transport System to extreme weather events and natural disasters

Call for proposal

FP7-TPT-2012-RTD-1

See other projects for this call

Funding Scheme

CSA-SA - Support actions

Coordinator
### Participants (12)

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<tr>
<th>Organisation</th>
<th>EU Contribution</th>
<th>Activity type</th>
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<td>Teknologian tutkimuskeskus VTT Oy</td>
<td>€ 403,069</td>
<td>Research Organisations</td>
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<td>ISTITUTO DI STUDI PER L'INTEGRAZIONE DEI SISTEMI (I.S.I.S) - SOCIETÀ COOPERATIVA</td>
<td>€ 186,695</td>
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Activity type
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EU Contribution
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EU Contribution
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1086 Nicosia

Activity type
Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Administrative Contact
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EU Contribution
€ 51 039
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<td>VAISALA OYJ</td>
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<td>€ 63 879</td>
<td>Vanha Nurmijarventie 21 01670 Vantaa</td>
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<td>THE UNIVERSITY OF BIRMINGHAM</td>
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ODESSA NATIONAL MARITIME ACADEMY
Ukraine

EU Contribution
€ 39 804

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Didrikhsona Street 8/1
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Activity type
Higher or Secondary Education Establishments

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Contact the organisation

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