PRESS RELEASE

![TISA logo - Traveller Information Services Association]

Enhancing road safety: New technology provides travellers with public emergency warnings

The German Federal Office for Civil Protection and Disaster Assistance (BBK) and members of the Traveller Information Services Association (TISA), namely ARD (NDR & WDR), bmt, GEWI, mecom, NNG, TomTom, and Teatownlake, have successfully concluded a trial, which provides public emergency warnings to travelers in real time.

Bonn, Brussels, 28th September 2021: *"This summer's flooding catastrophes in Germany and the Benelux have made it absolutely clear that early and effective warnings can save lives,"* said Teun Hendriks, TISA Technical and Standardisation Committee co-chair. *"TISA has proven that TPEG Emergency Alerts and Warnings are an effective dissemination channel to inform travellers, who may not speak the local language, nor be familiar with the local geography and locations of towns, about various dangers, not only while driving, but also without the need to take their eyes off the road to look at their cell phone,"* he concluded.

A part of the TPEG protocol family (ISO 21219-series), the TPEG Emergency Alerts and Warnings technology distributes official Emergency Alerts and Warnings as issued by public authorities and/or authorized agencies. Emergency Alerts and Warnings are typically issued to warn the general public of impending danger, for example fires, flooding, civil emergencies, severe weather, but also security hazards, or hostile acts.

TPEG-based distribution of Emergency Alerts and Warnings now provide alerts/warnings to travellers in a safe way while ensuring compatibility with both in-vehicle navigation systems, as in-vehicle digital radio receivers, and ensuring that messages are understandable also for non-native speakers who are residents and visitors from foreign countries. Now, emergency warnings can reach also travellers and stimulate those at risk to take action.
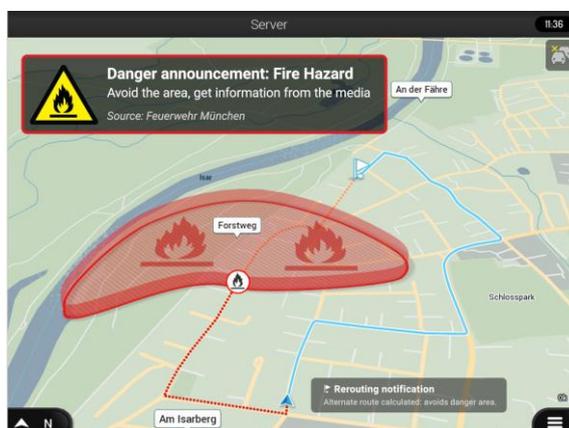
Image courtesy, NNG

The trial, conducted in Germany throughout 2021 and concluded in September, confirmed the effectiveness of the TPEG-based Emergency Alerts and Warnings protocol, which now will be submitted to ISO for world-wide standardisation.

More information about this trial (which was partially funded by the ISF project[1]) will be made exclusively available at the ITS World Congress between 11 and 15 October. TISA and its members will be present in hall B5, booths #5011 and #5012.
For a demonstration of TPEG2-EAW, book your time slot here

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EDITOR NOTES

About TISA	TISA - Traveller Information Services Association - is a market-driven membership association with worldwide scope. It was established in 2007 as a not-for-profit company focusing on the implementation of Traffic and Travel Information (TTI) services and products based on established standards, including RDS-TMC and TPEG^{TM} technologies. TISA supports the maintenance and development of standardised technologies leading to economic implementation and rapid market acceptance across a wide range of travel information services and products.
Contacts	info@tisa.org www.tisa.org
About BBK	The Federal Office of Civil Protection and Disaster Assistance (BBK) was established on 1st May 2004 within the remit of the Federal Ministry of the Interior. With the multiplicity of services in relation to all matters of civil protection, the BBK is a federal service centre for authorities at all levels of administration, as well as for NGOs, organisations and institutions working in civil protection. It applies an inter-disciplinary approach to all types of security measurements in order to become an effective system to protect the civil population and the resources which are vital to individuals' survival. Within the framework of an ISF federal-state project "Warning the Population", which has been carried out at the BBK since 2016, work is being done on the socio-technical improvement of warning in Germany. The EU-funded project is 75% co-financed by the Internal Security Fund. One of the tasks is to develop new warning channels. One result identified is the issuing of warnings on terminal devices in the navigation and traffic information sector.
Contacts	https://www.bbk.bund.de/ https://warnung-der-bevoelkerung.de/warnung/

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[1] Part of this work has been carried out within the framework of an ISF federal-state project "Warning the Population". The EU-funded project is 75% co-financed by the Internal Security Fund.

FOR IMMEDIATE RELEASE

About bmt	The Bayerische Medien Technik (bmt) is a competence centre for the realisation of projects within the scope of digital broadcasting. For years, bmt has been active in the specification and implementation of DAB and TPEG services. This includes both consulting services and products like TPEG ON AIR, TPEG Analyser, TPEG Editor and TPEG Library. The bmt offers professional-grade technical expertise in the IT field, especially for digital broadcast media. Given the constellation of its ownership, the bmt represents an ideal partner for public and private broadcasters, as well as device makers and service providers. The standard catalogue of services is built around the latest technology, with an additional portfolio of interfaces, data conversion, and data service provisioning through its specialized departments. Systems provided by bmt deliver traffic telematics data on the internet, over digital radio, and more.
Contacts	tpeg@bmt-online.de https://www.wecantpeg.com/

About GEWI	GEWI Europe GmbH & Co. KG, 'GEWI', has been providing its TIC software solutions for both government and commercial clients since 1992. TIC software is a commercial off-the-shelf (COTS) product used by Radio stations, government road agencies, commercial traffic service providers, police, car and navigation manufacturers worldwide. Today, TIC is used for an increasing number of projects including traffic and travel events, road incident management, work zone management, navigation testing, and real-time navigation services using RDS-TMC, TPEG, and internet connected services. TIC is available from and supported 24/7 by GEWI offices in Europe and North America, and by partners globally.
Contacts	www.gewi.com

About NNG	Global and independent since 2004, NNG's proven automotive software has hit the road in more than 60 million devices worldwide. Today, with product lines spanning Navigation, Connected Services, Cockpit, and Cybersecurity, NNG delivers seamless, next-generation mobility solutions that are smart, secure, and connected – from the cockpit to the cloud.
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