

High-Tech Solutions That Will Revolutionize Travel and Transportation

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- Connected World: Transforming Travel, Transportation and Supply Chain identifies four ways to revolutionize travel and transportation by 2025
- Report outlines new solutions that could radically change how people and products move around the globe. Barriers to Development are Institutional not technological.
- Read the [full report](#) and visit <http://wef.ch/connectedworld>

New York, USA, 22 May 2013 – Four new solutions based largely on existing technology could drastically improve the safety and efficiency of travel and transportation by 2025, according to a new report released today by the World Economic Forum in collaboration with The Boston Consulting Group.

The report, *Connected World: Transforming Travel, Transportation and Supply Chains* is the product of a cross-industry effort involving over [50 leading companies](#) from the travel, transportation, and information and communications technology industries. It outlines scenarios of how the world may look in 2025, reflecting potential socio-political, economic and environmental developments.

The four solutions, all of which have the potential to deliver solid social and economic benefits, are:

- The Integrated Proactive Intermodal Travel Assistant, enabling travellers to use one ticket per journey, regardless of the mode of transport, and providing real-time advice on congestion and route-change options.
- Condition-based Megacity Traffic Management System, integrating and processing information from vehicles, travel infrastructure, individuals and the environment in real time to forecast and counteract congestion and reduce total vehicle emissions.
- Fully Automated Check-in, Security and Border Control/Smart Visa, harnessing technology such as biometric identification, real-time risk classification of passengers, improved full body and luggage scanners and electronic visa procedures to improve efficiency and security.
- Tracking and Transparency-based Logistics Optimizer, using RFID (radio-frequency identification) chips to provide supply-chain management assistance in the form of real-time updates on products' attributes, condition and carbon footprint.

“ Each of these solutions enables a transformation in global transportation systems that would drive economic growth and improve our daily lives. Each solution is entirely achievable. The technology is readily available; the main challenge is coordinating diverse stakeholders from multiple industries and government agencies, ” said John Moavenzadeh, Senior Director, Mobility Industries, World Economic Forum.

“ Once we fully integrate the information and communication technology systems managing different modes of transportation, we will gain real-time, end-to-end information that makes transportation more convenient, controllable and cost-efficient, ” said Ken Hu, Deputy Chairman of Huawei Technologies.

Thomas Enders, Chief Executive Officer of EADS, values the scenarios, which provide “ new perspectives to rethink travel and transportation in a hyperconnected world ” .

The Forum is currently working with companies, governments and other stakeholders to develop roadmaps that would enable progress on all four solutions. Or as Rupert Stadler, Chairman of the Management Board of

AUDI AG, puts it: “ The project encourages the dialogue between politics, the industry and science on how to implement game-changing solutions. ”

The Connected World report is part of the World Economic Forum ’ s Hyperconnectivity Initiative, offering insight on how the increasing prevalence and speed of connections around the globe will have an impact on security, cybercrime and privacy.

Notes to Editors

- More information on the Hyperconnectivity Initiative <http://www.weforum.org/issues/hyperconnectivity>
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