

# Consultation Day with International Organisations

1 December 2017  
OECD – Room CC10  
Paris, France

WIFI: HotspotOECD

# Agenda

- ▶ 10:00 – 10:30 Welcome and Opening Remarks by Young Tae Kim, ITF Secretary-General
- ▶ 10:30 – 11:45 Introduction to 2018 Summit: **Transport Safety and Security** followed by discussion
- ▶ 11:45 – 12:15 Break and transfer to Roger Ockrent room and Group photo
- ▶ 12:15 2018 Summit: **Lunch and roundtable discussions**
- ▶ 13:00 – 14:30 Roundtable discussions moderated by ITF experts
- ▶ 14:30 – 14:45 Break and return to Room CC7
- ▶ 14:45 – 15:15 Presentations: **Summary outcomes** of the roundtable discussions
- ▶ 15:15 – 16:30 2019 Summit on **Transport Connectivity for Regional Integration**
- ▶ 16:30 Close of the Meeting

# ITF Annual Summit

10:30 – 11:45

# Annual Summit

- ▶ Premier global transport policy event
- ▶ Ministerial meetings of 59 ITF member countries
- ▶ Policy debate with all stakeholders
- ▶ 1400+ participants, 85 countries
- ▶ 120+ high-level speakers, 20+ sessions
- ▶ Side events and stakeholder meetings
- ▶ Social events: Gala Dinner, Presidency Reception
- ▶ Networking and bilaterals
- ▶ Exhibition
- ▶ ITF Transport Awards



# TRANSPORT SAFETY & SECURITY

23-25 May | Leipzig, Germany



# Summit Themes

- ▶ Transport and Energy 2008
- ▶ Transport for a Global Economy 2009
- ▶ Transport and Innovation 2010
- ▶ Transport and Society 2011
- ▶ Seamless Transport 2012
- ▶ Funding Transport 2013
- ▶ Transport for a Changing World 2014
- ▶ Transport, Trade and Tourism 2015
- ▶ Green and Inclusive Transport 2016
- ▶ Governance of Transport 2017
- ▶ **Transport Safety and Security 2018**

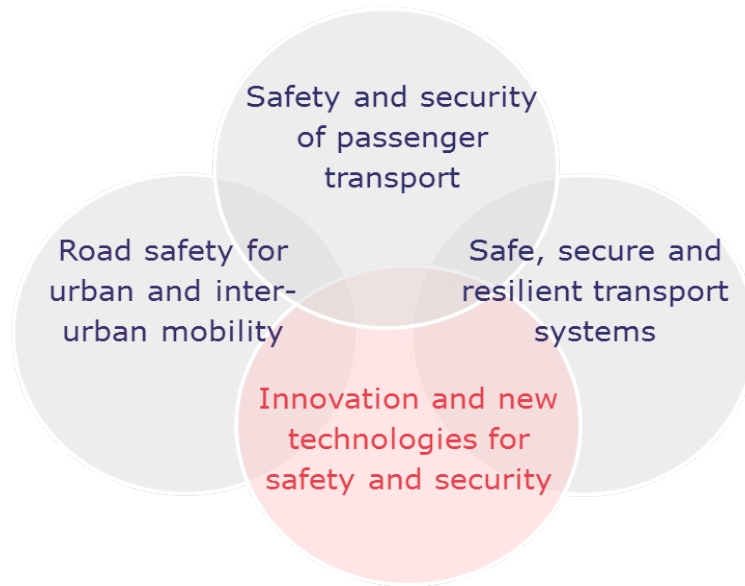


# Safety and Security

- ▶ How are countries moving **towards safer and more secure** transport systems?
- ▶ **Safety:** measures to protect life or goods, to reduce or eliminate risks of accidents/ crashes in all transport modes
- ▶ **Security:** measures to address terrorist attacks, crimes committed on the premises of transport operators, theft of cargo in transit, or cyber crime, piracy on the high seas...
- ▶ Security and **resilience** of transport systems



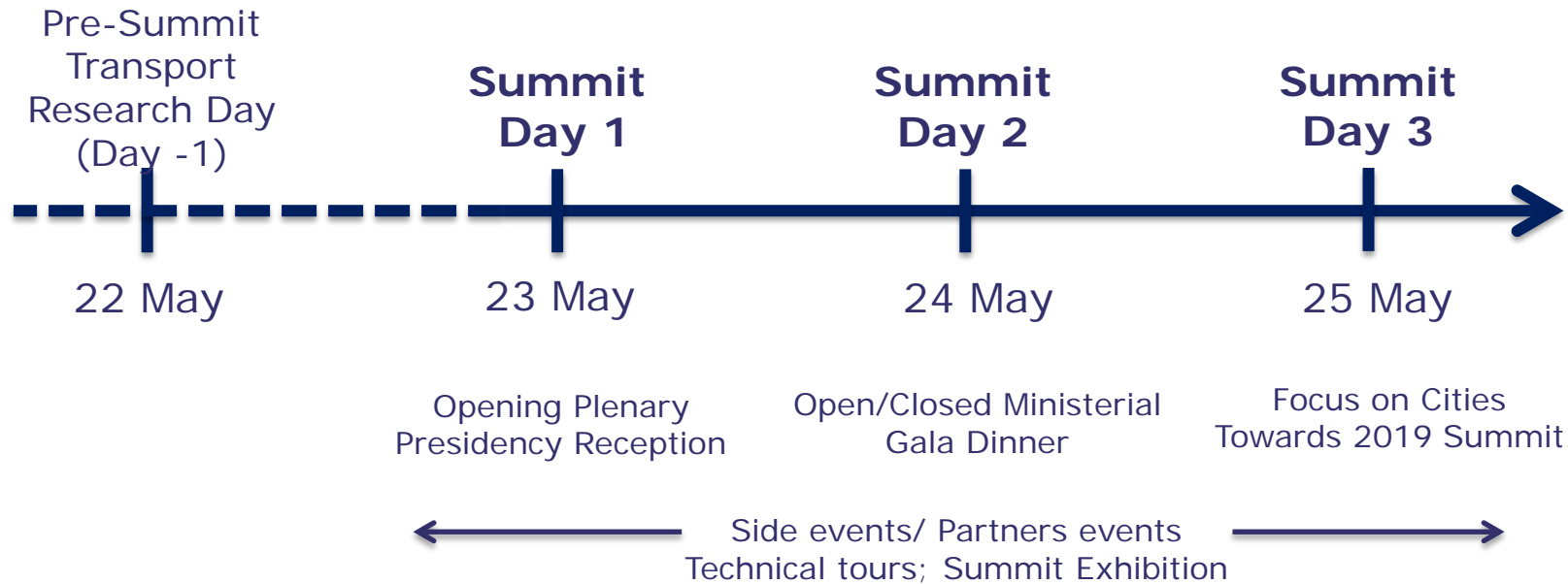
# Safety and Security



GOVERNANCE FRAMEWORK: POLICY, COORDINATION, FUNDING...







## Day -1: Tuesday 22 May

09:00-18:00	<p><b>Pre-Summit Transport Research Day</b></p> <ul style="list-style-type: none"><li>• ITF Transport Research Committee (TRC)</li><li>• World Conference on Transport Research Society (WCTRS)</li><li>• Transport Research Board (TRB)</li><li>• European Conference of Transport Research Institutes (ECTRI)</li></ul>	<p><b>ITF Stakeholder Events</b></p>
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# Day 1: Wednesday 23 May

8:00-9:00	Networking Breakfast session (theme tbc)		
9:00-10:30	ITF Masterclass: Autonomous and connected vehicles: understanding safety and security benefits and risks		
11:00-12:30	Panel session: (Un)certain skies? Drones in the world of tomorrow	Case study session: Security and resilience of supply chains	Ministers' Roundtable
12:30-14:00	ITF in Focus session: Decarbonising Transport	Panel session: Safety and security: Education and information	
14:00-16:00	Opening Plenary: Ensuring safe and secure transport in the 21st century		
16:00-16:45	Ministers' Tour of the Exhibition		
16:45-18:15	Panel session: No fear of flying: aviation security	Panel session: Road safety: from "Vision Zero" to an integrated safety culture	Ministers' Roundtable
19:00-22:30	Evening Networking Events: Presidency Reception, hosted by Latvia/ Ministers' Dinner		

+ ITF Open Stage Café, networking breaks, side events and other events, technical tours...

## Day 2: Thursday 24 May

9:00-10:30	ITF in focus session: ITF Outlook	Transport Innovation Talks	Ministerial Session (Closed)
11:00-12:30	<b>Ministerial Session (Open): Making transport systems resilient</b>		
12:30-14:00	ITF in focus session: Improving safety: A system-wide approach	Lunchtime session: Railway security	Ministerial Lunch
14:00-16:00	<b>Plenary session: Fostering innovation for transport safety and security</b>		
16:00-17:30	Panel session: Cyber-security and the maritime logistics chain	Panel session: Safe and secure transport for women	Closed sessions: Ministers' Roundtable Corporate Partnership Board
18:00-23:00	<i>Cocktail Reception and Meet the Exhibitors 18.00-19.00; Gala Dinner 19.00-23.00</i>		

+ ITF Open Stage Café, networking breaks, side events and other events, technical tours...

## Day 3: Friday 25 May

08:00-9:00	Networking breakfast session: Looking towards 2019: Transport Connectivity for Regional Integration	
09:00-10:30	Panel session: Protecting public spaces in urban areas	Panel session: Governance of road safety
11:00-12:30	<b>Plenary session: Working together for safer city streets</b>	
14:00-17:00	<i>Afternoon Events: Leipzig walking tour/ Bicycle Tour with the Mayor of Leipzig</i>	

+ ITF Open Stage Café, networking breaks, side events and other events, technical tours...



## Confirmed Speakers



**Violeta Bulc**

Commissioner  
for Transport  
European  
Commission



**HRH Prince  
Michael of  
Kent**



**Gloria  
Guevara**

President  
World Travel  
& Tourism Council



**Jean Todt**

President  
Fédération  
Internationale de  
l'Automobile



**Fang Liu**

Secretary General  
International Civil  
Aviation  
Organization



**David Ward**

Secretary General  
Global New Car  
Assessment  
Programme



**Laurent  
Troger**

President  
Bombardier  
Transportation



**Angela  
Gittens**

Director General  
Airports Council  
International



**José Zozaya**

President  
Kansas City  
Southern  
Mexico

# Opportunities at the Summit

- ▶ Attend the Summit
- ▶ Contribute to the programme
- ▶ Make a presentation at the Open Stage Café
- ▶ Become Summit partner (sponsorship opportunities)
- ▶ Organise a side event
- ▶ Host an exhibition stand



# Opportunities at the Summit

- ▶ Host bilateral meetings
- ▶ Sign agreements with other countries or stakeholders
- ▶ Take part in a technical or cultural tour
- ▶ Network at Presidency Reception and Gala Dinner
- ▶ Engage with media





For more information on the programme please contact:  
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**+33(0) 1 45 24 82 29**  
**[magdalena.olczak@itf-oecd.org](mailto:magdalena.olczak@itf-oecd.org)**

# Related ITF work on Safety and Security

# Recent Road safety activities of the ITF

ITF Annual Consultation with International Organisations  
Paris, 1 December 2017

Véronique Feypell de la Beaumelle, Policy Analyst, Road Safety



## Zero Road Deaths and Serious Injuries

Leading a Paradigm Shift to a Safe System



Research Report

- **IRTAD 2017 Annual Report**
  - The positive trend over the last few years of reduced road fatalities **did not continue in 2015 and 2016**
  - Ten countries registered more road deaths for two consecutive years, 2015 and 2016
  - Road safety for an ageing population is a growing concern in nearly all countries
- **IRTAD 2018 Annual Report** -> ITF Summit
  - Under preparation
  - Preliminary 2017 data
  - Trends since 2010
  - Focus on cycling safety and/or economic performance and RS



- IRTAD report: **Alcohol related road casualties** in official road statistics
- IRTAD sub groups
  - **SPIs**
  - **Exposure data**
- ITF/FIA/OISEVI study on **Benchmarking Road Safety in Latin America**
  - 10 countries
  - High level consultation meetings in all countries



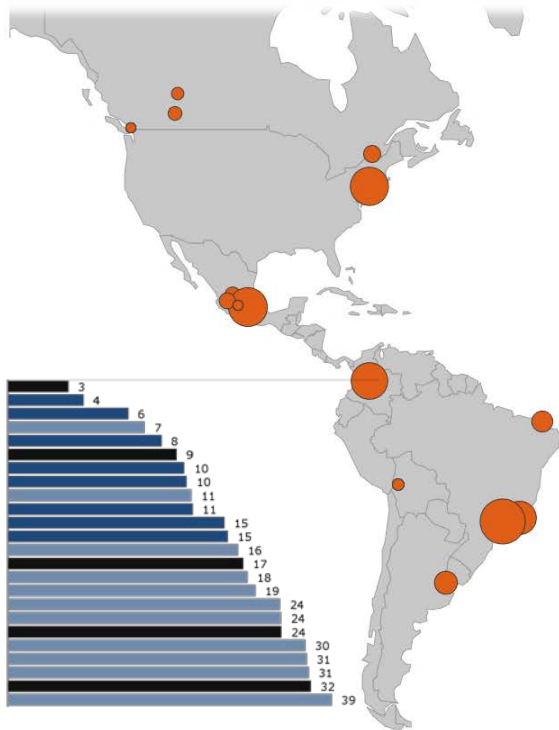
# Safer City Streets

ITF Annual Consultation with International Organisations  
Paris, 1 December 2017

Alexandre Santacreu, Policy Analyst, Road Safety

# Safer City Streets

*the global traffic safety network  
for liveable cities*





# Roundtable on Cycling Safety

measuring  
safety

e-bikes

public bike  
systems

light-  
segregation



photo: WRI 2015 - *Cities Safer by Design*

# Uncertain Skies: Policy guidelines for large scale deployment of commercial drones

## Outcomes of the CPB workshop

ITF Annual Consultation with International Organisations  
Paris, 1 December 2017  
Alain Lumbroso, Economist

## Drones are still in their infancy

- 10 years ago they were just hobby toys;
- 5 years ago they became a regulatory concern;
- Today, they are used for humanitarian missions and access to remote areas;
- Tomorrow?

Who would have predicted the Internet going from this:



To this?



## Government responses



- Most ITF countries now have regulations pertaining to drones;
- Focus on harm reduction and privacy protection;
- No global standard (an oddity in aviation);
- Regulations by sub-national authorities (another oddity!)
- But....**few policies!**

## The challenge

- Figure out a roadmap for the widescale deployment of drones;
- Develop policies that foster the growth of commercial drones;
- Integrate (or not?) commercial drones into the aviation ecosystem;
- Use drones to deliver sustainable business models

Sustainable: Safe, secure, profitable, environment friendly, socially accepted

# Uncertain Skies Project

- Workshop Nov 14-15 in San Francisco – 35 participants;
- General consensus that change will come quickly, many opportunities out there;
- Safety: a necessary but insufficient condition for success;
- Humanitarian, support and service to remote locations seem like low-lying fruit;
- Policies should be the same as for manned aviation, with appropriate caveats;
- Need to invest in R&D and capacity build-up for regulators;
- Report to be launched at the Summit and support the panel session on Uncertain Skies

# Roundtable on Safety Management Systems

ITF Annual Consultation with International Organisations  
Paris, 1 December 2017  
Alain Lumbroso, Economist

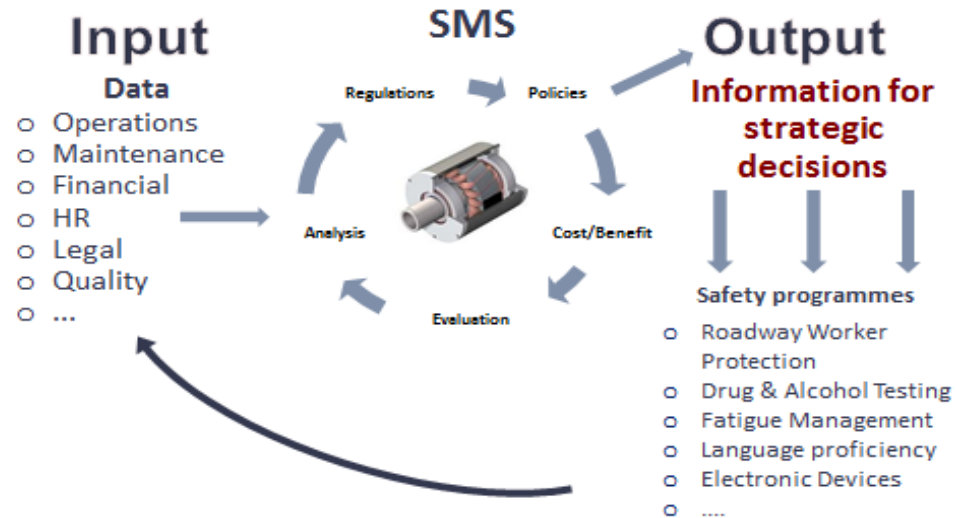
# What is SMS?

SMS can be applied to any sector where there are risks to mitigate;

SMS is the formal, top-down, organization-wide approach to managing safety risk and assuring the effectiveness of safety risk controls.

SMS includes systematic procedures, practices, and policies for the management of safety risk.

SMS is a decision-making tool for operators and not a modal safety programme for regulators.



*SMS is a never-ending journey, not a destination*



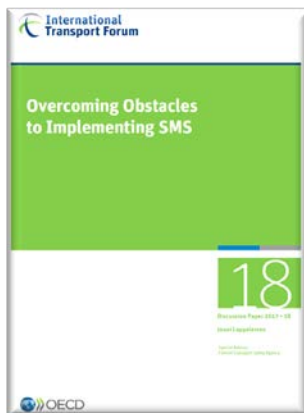
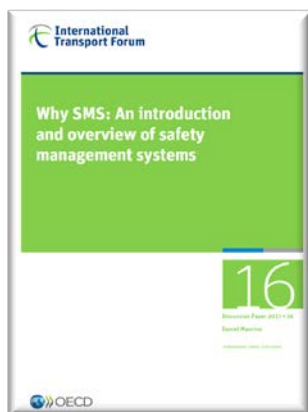
# Structure of the report

Chapter	Overview
Roundtable Discussion	Summary of discussion as well as key issues regarding SMS
Why SMS	History and introduction to SMS
The Regulator and SMS	Explains how the role of the regulator evolves with SMS
Overcoming SMS obstacles	How to implement SMS effectively, including the necessary culture changes
Measuring SMS	Explains how we can see the impact of SMS, mainly through a resiliency engineering approach
Learning from accidents	When things do go wrong, using accident investigations to improve SMS

# Supporting documents

Roundtable website:

<https://www.itf-oecd.org/safety-management-systems-roundtable>



# Key Recommendations

- SMS should be holistic, reactive and proactive;
- SMS depends on the ability to collect data from multiple sources and use it in predictive analysis to foresee issues and manage them;
- SMS requires a shift away from a compliance-based regulatory approach to a performance-based one, requiring different competencies from operators and regulators;
- SMS should focus on both Safety-I and Safety-II, focusing on process as well as outcomes;
- Safety-related documentation must be practical;
- Voluntary programmes such as IATA's IOSA\* programme should be encouraged to help industry go beyond basic regulatory compliance.

*\*IATA Operational Safety Audit*



# Roundtable on Balancing Efficiency and Resiliency in Multi-modal Supply Chains

ITF Annual Consultation with International Organisations  
Paris, 1 December 2017  
Alain Lombroso, Economist

# Background

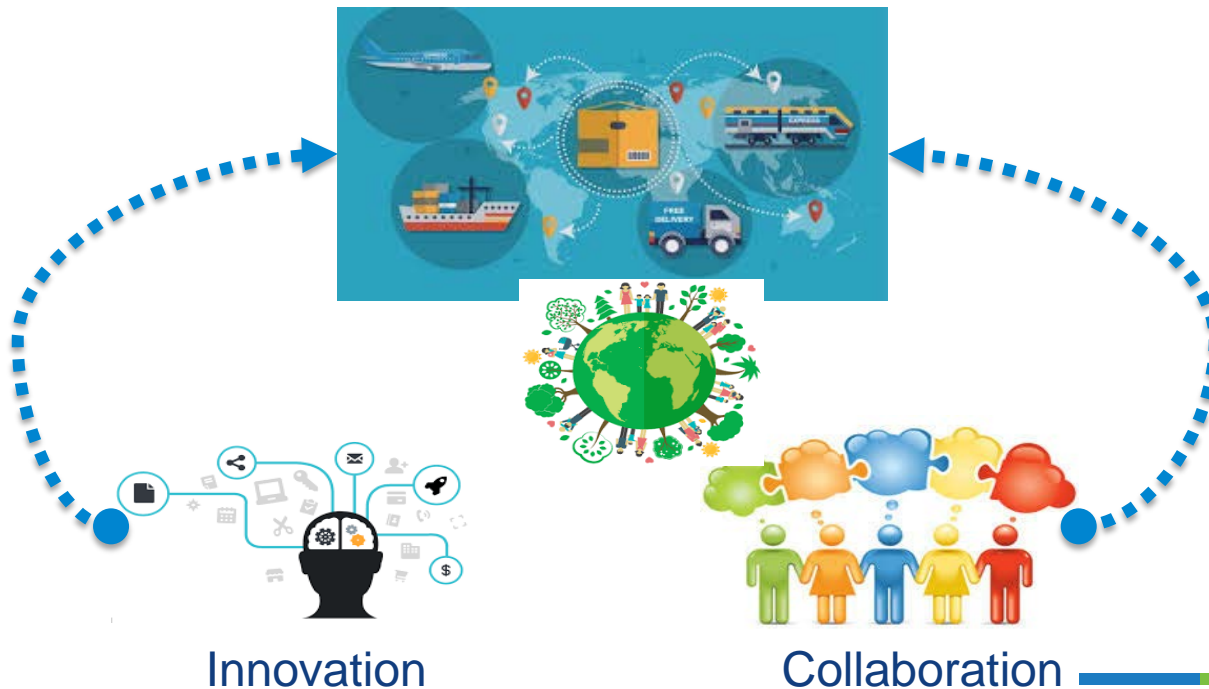
- Proposal by Canada and France;
- Supply chain disruptions cost ~ \$60B /yr;
- Disruptions can be caused by natural or man-made disasters;
- Examine the trade-offs between resiliency and efficiency taking account innovations in supply chain management;
- Focus on how to improve the resiliency of the supply chain without generating significant costs;
- Will examine both risk mitigation and how to accelerate the recovery from an end-to-end perspective.

## 8 Principles of Resiliency



Efficiency

Resiliency



Innovation

Collaboration

# Authors and Discussion Papers

Prof. Alan McKinnon

- Chair
- Summary paper

Prof. Lori Tavasszy

- «**Innovation and technology** in multi-modal supply chains»

Prof. Jean-Paul Rodrigue

- «**Efficiency and sustainability** in multi-modal supply chains»

Prof. Ruth Banomyong

- «**Collaboration and alliances** in Supply Chains»

Prof. Martin Christopher

- «**Mitigating Risks** in Supply Chains»

## Next steps

- Roundtable will be held at OECD April 12-13 2018;
- 20-30 resiliency experts expected;
- Conclusions to support the Open Ministerial Session on making transportation systems resilient;
- Full report published in 2018-19.

If your organisation is interested in taking part in this roundtable, please contact us

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# CPB Project 4 Workshop: Safety and security on the road to automated transport - The good, the uncertain, and the necessary

ITF Annual Consultation with International Organisations  
Paris, 1 December 2017

Dr. Tom Voege, Policy Analyst, ITS

# Workshop 23-24 November


- **Discussion sessions:**

- **Session 1:** Road safety considerations
- **Session 2:** Cyber-security considerations
- **Session 3:** Insights & recommendations

- **Discussion topics:**

- Road safety (safe systems) and data security
- Interaction with all other road users, incl. HMI
- Societal impacts, consumer sensitivity, adoption

## Some first insights

- Testing: from simulation, to private track, public roads with safety driver, and then public roads
  - SAE Levels vs. policy vs. customers expectation
  - Avoid any brand-specific performance standards
  - OEMs to develop specific cyber-security policy
  - Broadening regulatory framework (infotainment)
  - Considering future scenarios and move towards new mobility services (fleets) for policy advise
- 

## Vehicle automation roundtables:

- Cooperative mobility & car sharing
- Commercial vehicle safety systems

ITF Annual Consultation with International Organisations  
Paris, 1 December 2017

Dr. Tom Voege, Policy Analyst, ITS



U.S. Department  
of Transportation

**Federal Motor Carrier  
Safety Administration**

# Insights on government intervention

- Current regulations can be stretched adequately but imperfectly - advantages & disadvantages
  - But stretching existing regulatory frameworks is not sufficient in the long term (SAE Level >3)
  - Road rule compliance will shift from an ex-post investigation to ex-ante product safety rules
  - Road safety aspects are key issues but there is a need to consider broader impacts on society
  - Innovative data-led governance approaches way forward for regulating higher automation levels
-

# **ITF 2018 Summit themes: Lunchtime roundtable discussions**

**12:15-13:00 – Lunch and Networking**

**13:00-14:30 – Roundtable discussions**

**14:30-14:45 – Break and return to Room CC7**

# Lunchtime roundtable discussions

Table	ITF Expert
Table 1. <b>Road safety for urban and inter-urban mobility</b>	Véronique Alexandre
Table 2. <b>Connected and autonomous vehicles: benefits and risks for safety and security</b>	Tom
Table 3. <b>Cybersecurity threats to transport</b>	Mary
Table 4. <b>Resilience of transport systems to disruptions</b>	Alain
Table 5. <b>Protecting public space in our cities</b>	Lorenzo Aimée
Table 6. <b>Supply chains' security</b>	Vincent Nobuyoshi



# Outcomes: Lunchtime roundtable discussions

14:45- 15:15

# ITF 2019 Summit: Transport Connectivity for Regional Integration

Presidency - Korea

15:15 – 16:30

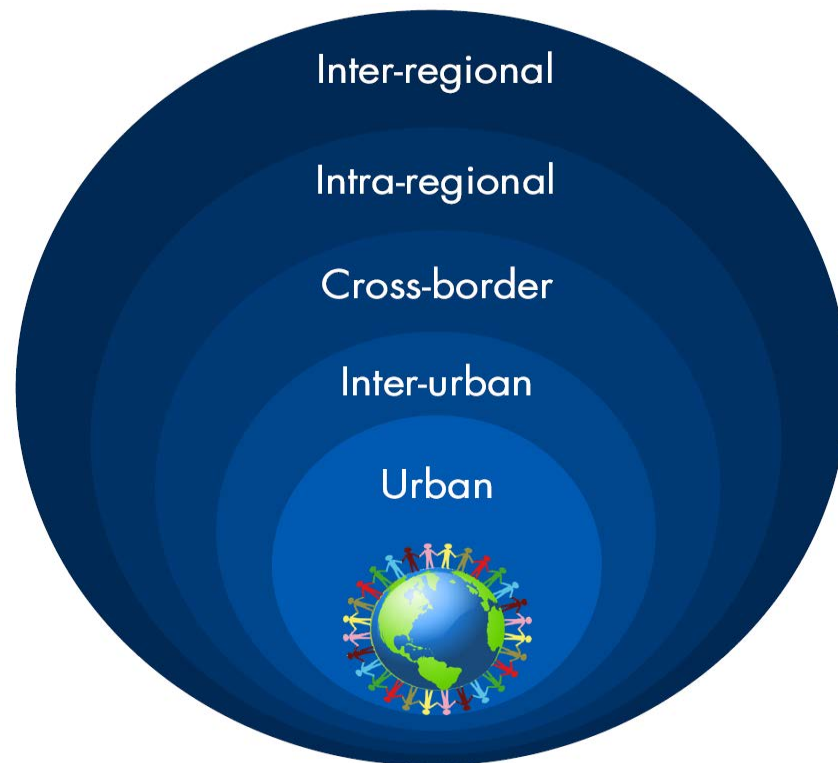
# Context

- ▶ 2018-2020 Summit trilogy theme “Transport Enabling Sustainable Development”:
  - Transport Safety and Security
  - Transport Connectivity for Regional Integration
  - Transport Innovation for Sustainable Development
- ▶ Role of transport in meeting the Sustainable Development Goals (SDGs)

# Transport connectivity

- ▶ Ability and ease with which destinations may be reached from **potential points of departure**
- ▶ Connectivity dimensions: **spatial** and **temporal**
- ▶ All transport modes; **passenger** and **freight transport**

# Regional Integration



# Key issues 2019

- ▶ Three broad questions related to
  - 1) Governance
  - 2) Economic and social benefits
  - 3) Technology and innovation

## Governance frameworks

- ▶ Institutional, organisational and legal barriers
- ▶ Governance structures to overcome institutional obstacles  
(Key transboundary challenges and governance response)
- ▶ Roles of different actors

## Economic and social benefits

- ▶ Impact on decisions and behaviours (investment, trade, tourism, and the labour market)
- ▶ Better incentivise to increase investment in connectivity
- ▶ Effective and sustainable funding



## Role of innovation and technology

- ▶ Innovation and new technology for connectivity
- ▶ Most cost-effective approaches to interoperability between transport systems
- ▶ Innovation vs. harmonisation of technical specifications

# Related ITF work on Transport Connectivity

# Transport Connectivity for Regional Integration

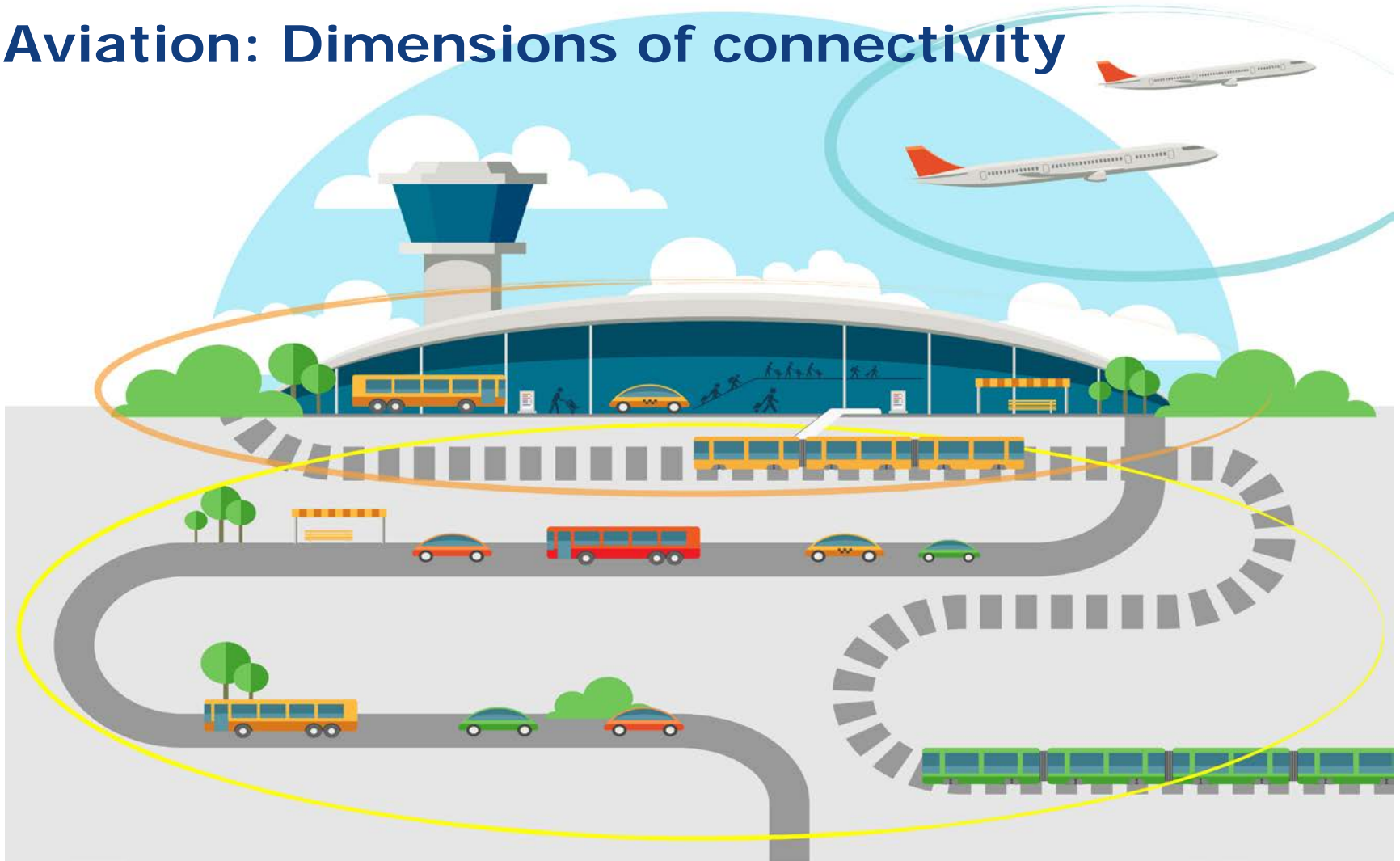
ITF Annual Consultation with International Organisations  
Paris, 1 December 2017

Jagoda Egeland, Economist, Infrastructure Planning Lead

# ITF projects relevant to the 2019 Summit

- **How to define, measure and improve regional connectivity?**
  - Corporate Partnership Board Project on Defining, Measuring, and Improving Air Connectivity
  - Project on Connectivity in Central Asia
- **What rationale may there be for intervention in the markets to provide regional connectivity? Who should pay?**
  - Project for the UK Government on Regional Air Connectivity
  - Surface Access to Airports
- **How to plan transport infrastructure investment in order to foster economic growth in the regions?**
  - Project for the Government of Slovakia on Strategic Investment Packages
  - Working Group on Strategic Infrastructure Planning

# Aviation: Dimensions of connectivity



# CPB Workshop on Defining, Measuring, and Improving Air Connectivity

- Hosted by Incheon Airport International on 13-14 December 2017

## Participants

- Amsterdam Schiphol
- Incheon Airport
- SEO Amsterdam Economics
- PTV Group
- Malaysian Aviation Commission
- University of British Columbia

## Scope

- A comprehensive review of connectivity metrics
- Air connectivity analysis of AMS and ICN
- A discussion of how throughput of airports can be improved through use of the latest simulation modelling techniques

## Project on Regional Air Connectivity (work in progress)

- How is connectivity measured internationally?
- What evidence exists on how to value different types of connectivity?
- How to establish a 'suitable level' of connectivity?
- How are regional links encouraged/provided?  
For example, how do different countries establish their PSOs?
- What methods are used internationally to appraise market interventions to provide regional connectivity?
- What connectivity benchmarks could be developed to
  - Define a minimum level of connectivity
  - Track connectivity outcomes over time
  - Gauge whether and what kind of government intervention is needed



## Surface Access to Airports

The case of Mexico City's  
New International Airport



Case-Specific Policy Analysis



## Project on Strategic Investment Packages Bratislava, 15-16 March 2018

### Objectives

- To set out international best practice on project appraisal and selection: What are the principles of effective decision-making?
- To identify the most efficient strategies for aligning transport infrastructure investment plans with other policies to foster economic growth

### Cases that will be explored

- Regional socio-economic impacts of high-speed rail (TGV, HS2)
- Fostering agglomeration benefits through transport investment in urban areas (Crossrail, Grand Paris Express)

# Working Group on Strategic Infrastructure Planning

- How to assess infrastructure needs?
- How to plan infrastructure investment to deliver socio-economic benefits in the regions?

## Participants

- Infrastructure Australia
- UK National Infrastructure Commission
- VTI, Sweden
- TOI, Norway
- DoT
- EBRD, Global Infrastructure Hub, IMF, World Bank
- LSE, Oxford University

# What possible Summit themes/contributions?

- How to define, measure and improve regional connectivity?
- What rationale may there be for intervention in the markets to provide regional connectivity? Who should pay?
- How to plan transport infrastructure investment in order to foster economic growth in the regions?
- ...

# Freight connectivity in Central Asia

ITF Annual Consultation with International Organisations  
Paris, 1 December 2017

Vincent Benezech, Analyst, Statistics and Modelling

## FREIGHT CONNECTIVITY IN CENTRAL ASIA

- ▶ Freight connectivity is a prerequisite for trade
  - › Especially for land-locked countries
- ▶ According to several studies, the current level of connectivity in Central Asia is low
  - › Ageing infrastructure
  - › Surface networks not adapted to 21<sup>st</sup> century challenges
  - › Lack of regional coordination and integration
- ▶ But the situation is moving fast
  - › Large infrastructure plans
  - › China's BRI initiative



## THE PROJECT

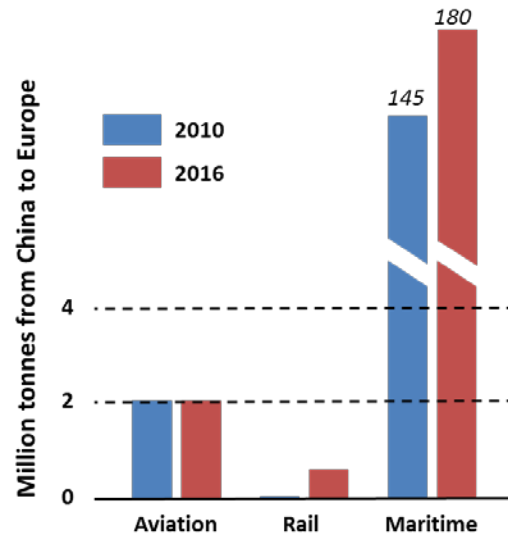
- ▶ Quantitatively assess the freight connectivity in the region
  - Supply-chain efficiency – within the region and with other economies
  - Adequation between existing connectivity and the needs of countries
  
- ▶ Provide evidence to evaluate plans to improve connectivity
  - Transport infrastructure
  - Policy and regulatory framework
  - Policy-making framework

## THE PROJECT

- ▶ Project to start end of 2017/early 2018
  - › Comprehensive consultation with all stakeholders in the region
  - › Data collection
- ▶ In-depth analysis of connectivity, through three angles
  - › Benchmark of key indicators
  - › Connectivity maps
  - › Bottleneck analysis
- ▶ First results available end of 2018
- ▶ In close partnership with OECD EURASIA division

## THE BRI AND CONNECTIVITY IN CENTRAL ASIA

- ▶ Surface link between Europe and Asia
  - › What competition between air, sea and rail?  
Between the different surface routes?
- ▶ How can the countries fully benefit? Ensure that the project
  - › Goes beyond transit
  - › Leads to further regional integration





# Conclusions and next steps

## Outcomes of the Consultation

The findings of the discussion will enrich:

- ▶ 2018 Summit Programme
- ▶ 2018 Ministers' Declaration
- ▶ 2019 Summit Programme

# TRANSPORT SAFETY & SECURITY

23-25 May | Leipzig, Germany



# Thank you