



SUSTAINABLE INNOVATIVE TRANSPORT SOLUTIONS EU-INDONESIA BUSINESS ROUNDTABLE & PANEL DISCUSSION



Opportunities and challenges for cooperation and investment

Jakarta, 29 September 2017

PROGRAMME

09:00 – 09:30 Registration

09:30 – 09:35 **Welcome and Introduction**

Mr Charles-Michel Geurts

Deputy Head of EU Delegation to Indonesia and Brunei Darussalam

09:35 – 11:15 **Business Roundtable**

09:35 – 09:45 Capturing and Creating Value in Transport Investment

Dr Francesca Medda, Professor in Infrastructure and Transport Studies, University College London

09:45 – 09:55 The Indonesian Business Community Perspective on EU-Indonesia Cooperation Opportunities and Challenges

Ms Nova Mugijanto, Deputy Head of the Permanent Committee for the Sea Transport Industry, KADIN Indonesia

09:55 – 10:05 The European Business Community Perspective on EU-Indonesia Cooperation Opportunities and Challenges

Mr Mathias Ruebke, Chair of the Transport and Logistics Working Group, Eurocham

10:05 – 11:00 Moderated Discussion

Moderator: Dr Francesca Medda

11:15 – 11:30 Coffee Break

11:30 – 11:45 **Keynote Address**

“Sustainable Innovative Transport Solutions”

Ms Violeta Bulc

European Commissioner for Transport

11:45 – 12:30 **Panel Discussion**

“Role of Women in the Transport Sector”

Moderator:

Ibu Mari Pangestu, Senior Fellow, Centre for Strategic and International Studies

Panellists:

- *Ibu Liana Trisnawati, President Director, PT Terminal Borneo Indonesia*
- *Ibu Noni Purnomo, President Director, Blue Bird Group Holding*
- *Ibu Eka Sari Soerbakti, President Director, PT Lorena Karina*
- *Ibu Irma Djohan, CFO, Bali International Flight Academy*
- *Ms Violeta Bulc, European Commissioner for Transport*

12:30 – 14:00 Lunch





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MARI PANGESTU, *Senior Fellow, Centre for Strategic and International Studies and Professor at the University of Indonesia*

Ibu Mari is the former Minister of Trade and Minister of Tourism and Creative Economy. The first female Chinese Indonesian to hold a cabinet position in Indonesia, she is one of the best-known trade experts in the country. Ibu Mari is also an Eisenhower Fellowship alumni – part of a global network of change agents committed to creating a more peaceful, prosperous and just world.



VIOLETA BULC, *European Commissioner for Transport*

Violeta Bulc was Deputy Prime Minister for Development, Strategic Projects and Cohesion of Slovenia. She led the Programme Committee of the young Modern Centre Party, which came to power in 2014 - just six weeks after it was launched. Prior to entering politics, she headed numerous telecommunications and business solutions companies for 20 years. She has been promoting the role of women in the transport sector. Bulc has degrees in Computer Science, Informatics and Information Technology from Slovenia and the United States.

LIANA TRISNAWATI, *Secretary General & President Director of Indonesia Port Business Association & PT Terminal Borneo Indonesia*

Liana owns and operates five businesses. She realised her dream of becoming a businesswoman through hard work and dedication. Liana is committed to the topic of gender in business and actively involved in the Indonesian Business Women's Association and the Association of Young Indonesian Entrepreneurs among others. In 2015, she established the Indonesia Maritime Learning Center (IMLC) that trains human resources in the maritime sector, increasing competency-based skills and knowledge.



NONI SRI AYATI PURNOMO, *President Director of Blue Bird Group Holding*

Noni is a founding member of the Angel Investment Women's Fund which provides investments, mentorship and network opportunities to empower women to become strong entrepreneurs. In 2015 she was among Forbes "Power Women in Asia". Ibu Noni is also the Chair of Intelligent Transport.

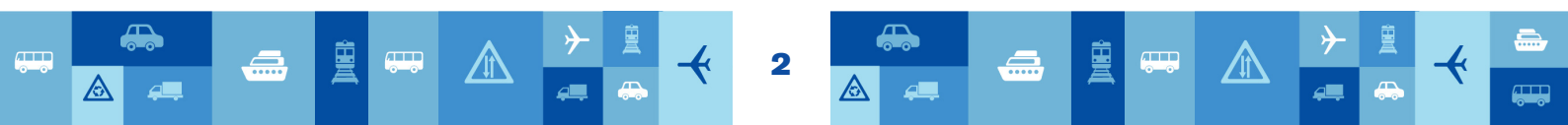
EKA SARI SOERBAKTI, *President Director of PT Lorena Karina*

Eka is Founder and Managing Director of ESL Express and ESL Logistics. She was also listed among Indonesia's Most Influential Women (Forbes 2015), as well as Most Powerful Women (Fortune 2014 and 2015). Eka was the first female Chairperson of the Indonesia Road Transport Operators Organisation. She is the author of two books: Ayo Lawan Kemacetan (Let's Fight the Congestion) and Membela Angkutan Umum (Defending Public Transportation).



IRMA DJOHAN, *CFO of Bali International Flight Academy and Managing Director in the hotel business*

BIFA trains cadets to obtain their commercial pilot and instrument rating. Over 580 graduates currently work for National Airlines. Irma leads BIFA's business and financial planning, HR recruitment, infrastructure development, operations and marketing.





THE EUROPEAN UNION AND TRANSPORT

The European Union (EU) fosters efficient, safe and sustainable transport that promotes jobs and prosperity. It has contributed to more transport choices for travellers and businesses, less pollution, decent working hours for transport workers, as well as safer skies, seas and roads. The EU gives priority to 1) **Investment**, 2) **Digitalisation** 3) **People** and 4) **Decarbonisation**, as it

- 1) Invests in strategic transport research and supports innovative financing of transport infrastructure
- 2) Aims to have connected European vehicles and roads by 2019 – through intelligent transport systems
- 3) Targets halving road deaths by 2020, as well as
- 4) Reducing CO2 emissions from transport by 20% by 2030 – through global solutions.

With the Paris climate agreement in force, the EU is more committed than ever to a global transition towards clean transport.

WOMEN IN TRANSPORT

Only 22% of transport workers in Europe are women. In road and rail transport, as much as 86% of workers are men. Air transport is more balanced with 62% male and 32% female workers. Yet there also remains a strong gender imbalance in the types of jobs. In the rail sector, 60% of human resources staff are women, while up to 97% of drivers are men. The situation in Indonesia is no more balanced.

THE CHALLENGES AND OPPORTUNITIES OF THE SEA

Almost 90% of the EU's external freight trade is seaborne. Over 400 million passengers (dis)embark at European ports every year. Naturally cleaner and cheaper than road transport, maritime networks have great potential. Addressing its challenges, the EU is working to support:

- Digitalisation and simplification of administrative procedures
- New vessel technology to create and handle more concentrated cargo
- Transparency of public funding and non-discriminatory access to services
- New port infrastructure to handle bigger ships.

More info: ec.europa.eu/transport/themes/strategies/2018_maritime_transport_strategy_en





0 WASTE 0 EMISSION IN WATER

The EU targets “zero waste, zero emission” in maritime transport by

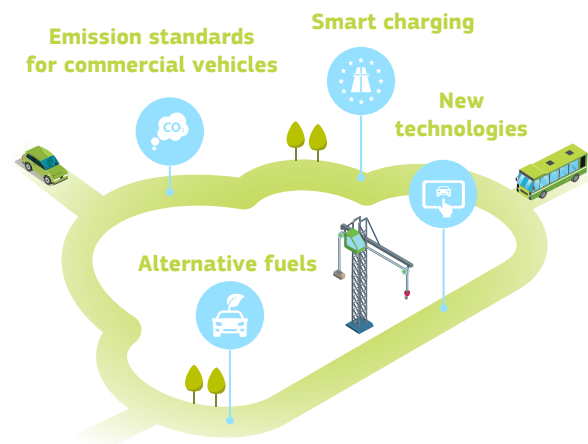
- Supporting adequate port facilities – for electricity, liquefied natural gas refuelling and waste disposal- to reduce sea discharges
- Sanctioning ship pollution that violates internationally agreed prevention rules, and
- Reducing gas emissions (Nox, Sox and CO₂) from ships.

GREEN BUSES

Clean - alternatively fuelled –city buses lead to better public health. Compared to “dirty fuelled” buses, they reduce greenhouse gases, air pollutants and noise. Cities and their bus manufacturers have thus committed to the “Clean Bus Deployment Initiative declaration”, a platform and commitment to:

- 1) Create coalitions among manufacturers, transport operators, financial institutions and government - to make relevant policy recommendations and leverage investment.
- 2) Consolidate expertise on technological, financial and organisational issues, and
- 3) Accelerate the roll-out of clean buses.

More info: ec.europa.eu/transport/themes/urban/cleanbus_en



SAVING LIVES ON ROADS

25,500 people lost their lives on EU roads in 2016 = 50 deaths/million inhabitants. EU roads however remain the safest in the world – with 1/3 less than the global average =174 deaths per million!

What is the EU doing for safer roads?

- 1) eCall system automatically dials the EU emergency number – and communicates vehicle location – when an accident occurs. This will be obligatory for all EU vehicles next year.
More info: ec.europa.eu/transport/themes/its/road/action_plan/ecall_en.htm
- 2) European Road Safety Charter (erscharter.eu) inspires voluntary commitments from public and private entities to make EU roads safer.
- 3) EU Road Safety Rules require safety features for vehicles sold in the EU market. 19 new technologies are likely to be added during the next update.
- 4) Facilitating vehicle roadworthiness tests - to reduce accidents caused by technical failures.
- 5) GEAR 2030 and CCAM focus on safe automated driving.
More info: ec.europa.eu/growth/sectors/automotive/policy-strategy and ec.europa.eu/digital-single-market/en/cooperative-connected-and-automated-mobility-europe

The EU also funds research on road safety through its Horizon2020 programme, e.g. SafetyCube (safetycube-project.eu) analyses road accident risks. More info: ec.europa.eu/roadsafety



SAFE SEAS

EU Places of Refuge have been set up for ships in need of assistance - to protect human life and the environment. When an incident falls outside the jurisdiction of one state, the EU Operational Guidelines apply. The 2016 Safety updates for **passenger ships** in EU waters include 1) obligatory digital and harmonised passenger registration and 2) rationalised inspections. More information on **liability** in case of accidents: eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32009R0392

DIGITAL TRANSPORTATION

Real-time sensor and satellite data from roads, vehicles and mobile phones is making transportation cleaner, safer and more efficient.

Roads: EU **Cooperative Intelligent Transport Systems (C-ITS)** help vehicles communicate with each other and with EU roads. To launch in 2019, C-ITS is aiming to pass the relevant laws by 2018. C-ITS also facilitates funding for automated driving research, development projects and cooperation around the globe – including Indonesia. The www.c-roads.eu/platform pools lessons learned and facilitates coordination across the EU.

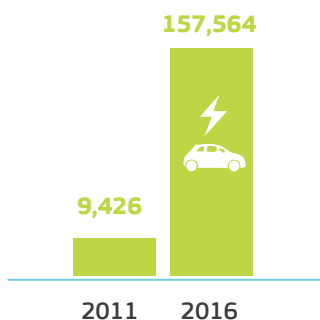
Rails: The European Rail Traffic Management System (ec.europa.eu/transport/modes/rail/ertms_en) is developing new control-command and radio systems for voice and data signalling and communications across the EU.

Seas: An EU Single Window for electronic reporting of ships arriving in/departing from EU ports is simplifying sea transport. More info: ec.europa.eu/transport/modes/maritime/digital-services/e-maritime_en
 The **European Maritime Safety Agency (EMSA)** manages digital and integrated services such as coastal and satellite monitoring of vessel positions. More info: www.emsa.europa.eu

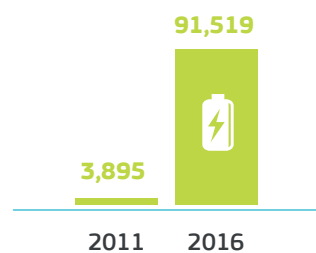
Air Traffic Management (ATM): The Single European Sky's ATM Research (SESAR) continues to modernise and harmonise ATM across the EU. With improved safety and fluidity through digital innovation, SESAR can be developed globally to last 30 years. More info : ec.europa.eu/transport/modes/air/sesar_en

Development of electric vehicles and charging points in Europe

New registrations of plug-in electric passenger cars:



Number of publicly accessible electric charging positions





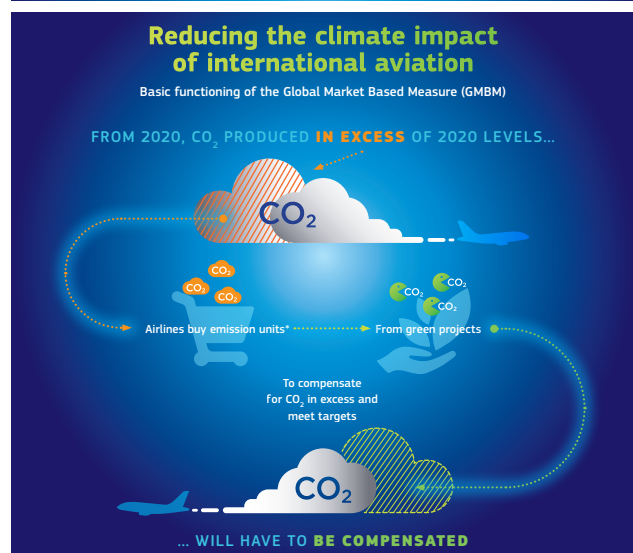
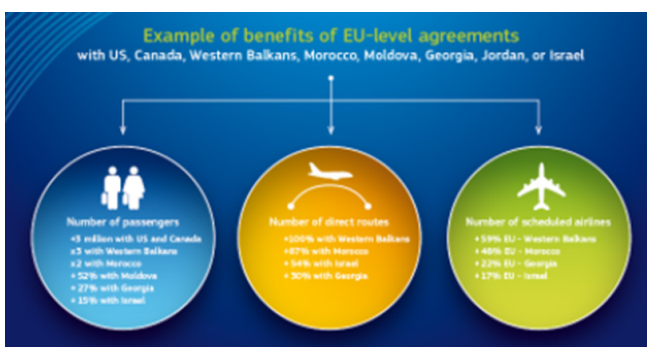
ASEAN-EU COOPERATION IN THE AIR

Air traffic between the EU and ASEAN has almost doubled the past 15 years to over 11 million passengers every year. Over the next 20 years, air traffic is expected to grow by another 65%.

ASEAN and the EU are currently negotiating the first ever bloc-to-bloc *Comprehensive Air Transport Agreement (CATA)*, which could cover 1.1 billion travellers. Its economic benefits are estimated at € 7.9 billion and 5,700 new jobs - over the first seven years, thanks to CATA's potential role to:

- improve market access and create new business opportunities
- set fair and transparent market regulations and conditions
- encourage more – direct - connections – at better prices
- foster global connectivity and thus drive trade and tourism.

CATA is also facilitating ASEAN's endeavours to establish a single aviation market.





An ambitious international aviation policy

EXTERNAL AVIATION AGREEMENTS



ASEAN

Association of Southeast Asian Nations

BRUNEI DARUSALAM / CAMBODIA /
INDONESIA / LAO PDR / MALAYSIA /
MYANMAR / PHILIPPINES /
SINGAPORE / THAILAND / VIETNAM

Facts

- Third largest trading partner outside Europe.
- Population of more than 600 million.
- Over 11 million passengers on direct EU-ASEAN flights.
- Fast growing aviation market currently in the process of creating a Single Aviation Market.

International aviation agreements not only improve market access, but also provide new business opportunities for European companies and ensure fair and transparent market conditions based on a clear regulatory framework. This agreement will also provide more connections and better prices for passengers. Global connectivity is a driver of trade and tourism, and directly contributes to economic growth and job creation.

An EU and ASEAN agreement would be the first ever bloc-to-bloc agreement, with a combined population of 1.1 billion people. Beside providing economic benefits, it would underpin ongoing efforts of regional integration in the field of aviation.

ECONOMIC BENEFITS



Up to €7.9 bn
in the first 7 years
of the agreement
(2017-2023)*

Up to 5 700
new jobs
by 2023*

* The figures presented are estimates. Economic benefits include consumer surplus (lower fares), social impacts (increased employment), tourism or time savings through more direct routings (connectivity).





GLOBAL MARITIME STANDARDS, TRADE AND SECURITY

The EU is a member of International Maritime Organisation (IMO) conventions that set global standards, including on pollution, safety of life at sea, and passenger and luggage transportation. Bilateral Transport Security Working Groups with the US, Japan, Korea and China establish agreements – with reciprocal review – to progress towards global security standards.

The EU fully supports the efforts of the WTO to reach a global maritime trade agreement. It is in regular dialogue to resolve seaborne trade issues, lift restrictions and facilitate quality shipping.

Better seaports for a stronger economy

New rules will unleash the economic potential of 329 main ports in Europe helping to sustain 3 million jobs.

Better market access
and higher quality of service



More investments and jobs

More transparency for the use of public
funds and better governance



More efficient use of public money
and fair competition

INVESTING IN EUROPEAN TRANSPORT

Among many EU initiatives, these invest in common, efficient and safe EU transportation networks:

- **Trans-European Transport Network (TEN-T)** of over 300 EU ports with
 - » Improved port operations and more onward connections
 - » Minimum safety and environmental standards
 - » Transparency of port charges and a mechanism to handle complaints and disputes.

List of TEN-T ports:

ec.europa.eu/transport/sites/transport/files/modes/maritime/ports/doc/2014_list_of_329_ports_june.pdf

- **Connecting Europe Facility (CEF)** invests in new and upgrades existing EU transport infrastructure - through over 450 projects since 2014. One CEF project set up 158 high-speed electric charging points in six EU Member States – facilitating electric travel across the EU.
- The **European Fund for Strategic Investment (EFSI)** mobilises private investment for large EU infrastructure projects, as well as risk finance for SMEs working in the transport sector – among others.

The EU also invests in EU and **global research** on 'smart, green and integrated transport'. More info on funding: ec.europa.eu/programmes/horizon2020/en/h2020-section/smart-green-and-integrated-transport

Want to invest in EU Transport? The European Investment Project Portal (ec.europa.eu/eipp) is an online market-place for **worldwide investors** and EU project promoters.