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ICAO-UNECE Collaboration on the Multimodal Transport Reference Data Model

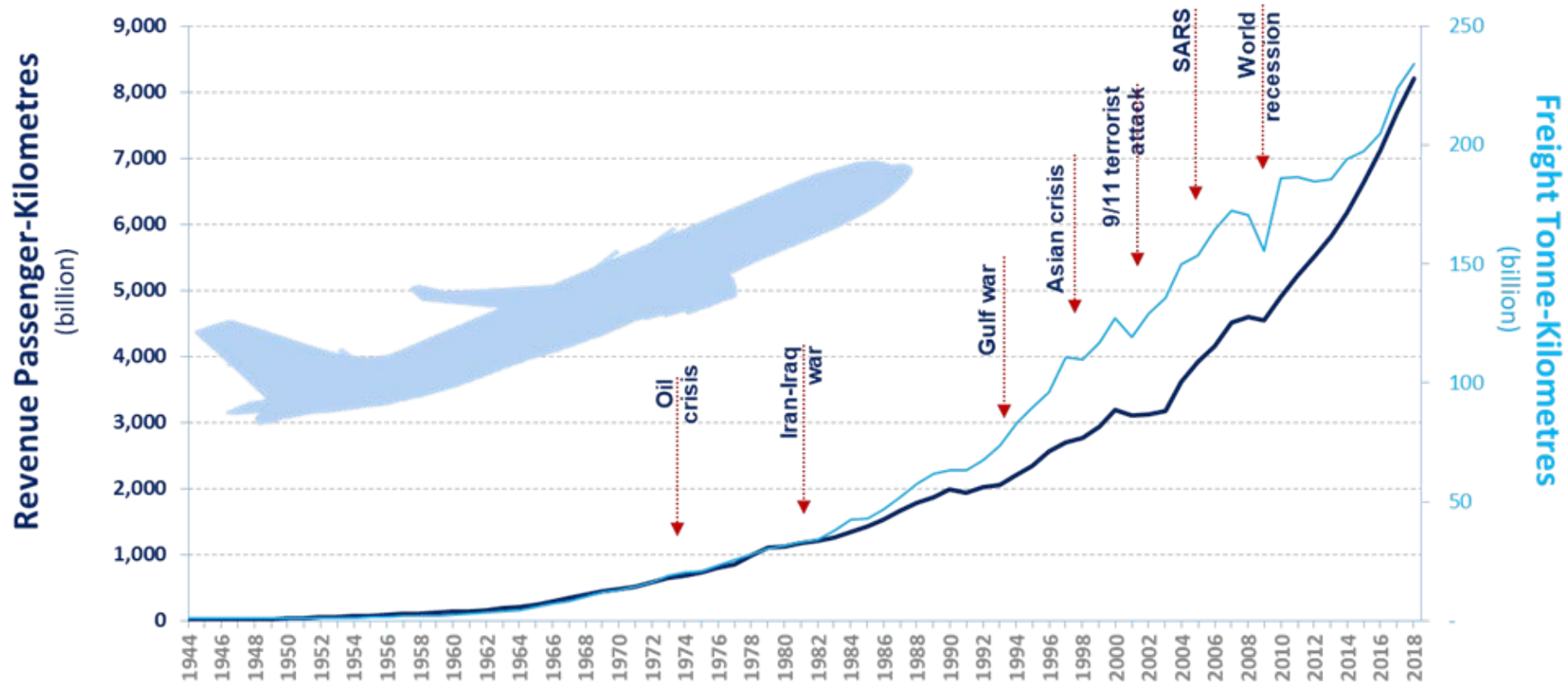
XIth International Seminar on Trade and Transport Facilitation

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Growth of air transport up to 2018





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UNITING AVIATION

**In contrast, surge in cargo flights
since March 2020**

In contrast to the fall in passenger traffic, cargo flights surged with the increased cargo-only operations using passenger aircraft





Key Principle #3 – Ensure essential connectivity

States and industry should maintain essential connectivity and global supply chains, especially to remote regions, isolated islands and other vulnerable States.

Global Implementation Roadmap – Implementation of CART Rec #7

“To address the need for broader digitalization of information exchange, efforts will be made to further facilitate larger scale aviation movements of passengers and cargo...”

Air cargo services are a key component of global supply chains, offering fast and reliable transport of high-value goods, including vaccines and medical equipment. However, the pace of digitalization has been slow compared to other modes.



ICAO Public Health Corridor (PHC) Concept

- Inclusive of cargo operations (EB 2020/36)
- For cargo, it highlights considerations on:
 - Contact with surfaces contact in the immediate environment or with objects used by the infected person (e.g., paper)
 - Physical distancing
- COVID-19 introduces the need to minimize physical contact among supply chain actors and adds new urgency to the need for digital, contactless technologies and processes



An Enabler for Air Cargo and the Broader Supply Chain in COVID-19 Times:

- Alignment with public health measures, such as the ICAO PHC concept, arising from the COVID-19 pandemic through contactless technologies
- Increased safety through awareness of declared dangerous goods
- Increased security through faster pre-clearance and other benefits
- Increased efficiency through reducing delays in consignment, as well as at borders and modal interfaces



Digitalization is Key to Trade Facilitation

- 35% of trade by value is transported by air, yet it spends 90% of the time waiting on the ground due to processes between movements
- The WTO Trade Facilitation Agreement (TFA) encourages supply chain actors to digitalize certain procedures, which calls for collaborative solutions in document and data exchange
- Digitalization of air cargo and the broader supply chain supports trade facilitation through time savings and reduction of costs (which COVID-19 tends to increase)
- Stakeholders need data culled from digital platforms to drive operational, as well as national, regional, and global trade policy decisions in a world where e-commerce is rapidly changing the marketplace and states are reviewing their positions in the global supply chain



New ICAO Collaboration with Other UN Agencies announced in September 2020:

Совместное Заявление о Роли Международной Торговли и Цепочек Поставок в Процессе Устойчивого Социальноэкономического Восстановления в Период COVID-19

Поэтому мы поддерживаем дальнейшую цифровизацию торговых и таможенных процедур с использованием глобальных стандартов Организации Объединенных Наций для обеспечения быстрого и безопасного обмена данными и информацией о грузах и транспортных средствах.

Joint Statement on the Contribution of International Trade and Supply Chains to a Sustainable Socioeconomic Recovery in COVID-19 Times

“Therefore, we support further digitalization of trade and customs procedures, using global, United Nations standards, to ensure the fast and secure exchange of data and information concerning cargo and means of transport.”



Objective of the ICAO-UNECE Collaboration

Develop multimodal standards for information exchange across the supply chain as part of the UN Development Account (UNDA) *Transport and Trade Connectivity in the Age of Pandemics* project.

This represents an integrated approach to transport policy, encompassing air cargo and mail supply chains.



Develop technical specifications (standards) for documents accompanying goods transported by air, in the framework of the UNDA COVID-19 response project (segment on digitalization of data and document flows) to support harmonized standardization of data and documents from a multimodal perspective, aligned to the UN/CEFACT semantic standards and Multimodal Transport Reference Data Model.



The Multimodal Transport Reference Model of the United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT) that includes the necessary technical specifications for air cargo-related electronic documents and data exchange that will allow implementers to develop aligned electronic document equivalents (e.g., e-AirWaybill, Dangerous Goods Declaration, electronic Consignment Security Declaration).



Support from a diverse and growing group of stakeholders

UN System:

- UNECE
- ICAO

Industry:

- International Air Transport Association (IATA)
- The International Air Cargo Association (TIACA)
- International Port Community Systems Association (IPSCA)
- International Federation of Freight Forwarders (FIATA)

Pilot implementation will bring additional partners.



States can:

- Consider participation in pilot implementation of the new UN/CEFACT deliverables
 - Actively participate in upcoming engagements to keep abreast of relevant developments
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ICAO Middle East Region Webinar – 25 August 2021

Air Cargo Digitalization in COVID-19 Times: Perspectives on Security

Tailored to the States in the ICAO Middle East region, this edition will focus on security aspects of air cargo digitalization—both physical and cyber, addressing questions such as:

- What challenges are on the horizon as COVID-19 urges more rapid digitalization?
- How are UN standards are equipped to address those challenges?
- How can stakeholders most effectively ensure a secure supply chain through digitalization?

New from ICAO – *Priority Brief: Air Cargo*

Four considerations on the supply chain, its criticality for the emerging e-commerce driven marketplace, the needs for both regulatory evolution and digitalization

Five recommendations include those for digitalization and economic regulatory measures

Find it at:

https://www.icao.int/sustainability/Documents/ICAO-PRIORITY-BRIEF_Air-Cargo_2021.04.19.FINAL.pdf

We welcome your feedback

PRIORITY BRIEF





Полезная информация об этой деятельности / Helpful links on this activity

Совместное Заявление о Роли Международной Торговли и Цепочек Поставок в Процессе Устойчивого Социальноэкономического Восстановления в Период COVID-19: [https://www.icao.int/Security/COVID-19/PublishingImages/Pages/Statements/\(Русский%20%20\).pdf](https://www.icao.int/Security/COVID-19/PublishingImages/Pages/Statements/(Русский%20%20).pdf)

Joint Statement by UN system entities on the Contribution of international trade and supply chains to a sustainable socio-economic recovery in COVID-19 times: [https://www.icao.int/Security/COVID-19/PublishingImages/Pages/Statements/\(%20English%20\).pdf](https://www.icao.int/Security/COVID-19/PublishingImages/Pages/Statements/(%20English%20).pdf)