



# StB Cargo

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IATA · Europe

Simplifying the Business

Dear CSC members,

As agreed at CSC/40 and communicated in the Declaration of Effectiveness memo on July 31<sup>st</sup> 2018, effective 1 January 2019, the electronic Air Waybill (e-AWB) will become the default contract of carriage for all air cargo shipments on enabled trade lanes.

## **IATA announces e-AWB as default effective 1 January 2019**

Effective 1 January 2019, the electronic Air Waybill (e-AWB) will become the default contract of carriage for all air cargo shipments on enabled trade lanes.

This key industry milestone ushers air cargo into a new era where digital processes will be the norm and paper processes will be the exception.

## e-AWB % in July 2018

|    |       |
|----|-------|
| AT | 45.7% |
| CH | 36.8% |
| DE | 48.6% |
| LU | 28.2% |
|    | 46.0% |

|    |       |
|----|-------|
| GB | 35.5% |
| IE | 25.6% |
|    | 34.7% |

|    |       |
|----|-------|
| TR | 63.7% |
|----|-------|

|    |       |
|----|-------|
| CY | 12.1% |
| IT | 31.7% |
| MT | 55.6% |
| HR | 12.0% |
| GR | 16.7% |
| SI | 9.0%  |
|    | 30.2% |

|    |       |
|----|-------|
| ES | 38.6% |
| PT | 7.1%  |
|    | 34.9% |

|    |       |
|----|-------|
| BG | 13.2% |
| CZ | 28.8% |
| HU | 21.0% |
| PL | 20.8% |
| RO | 16.6% |
| SK | 51.3% |
|    | 24.0% |

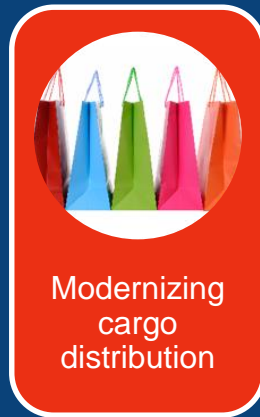
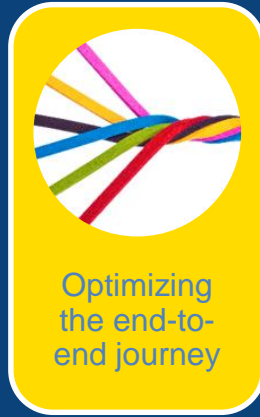
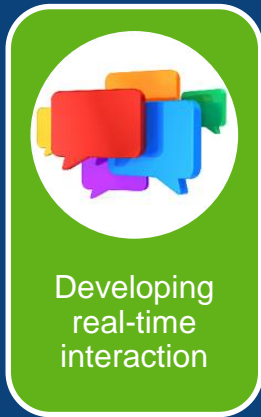
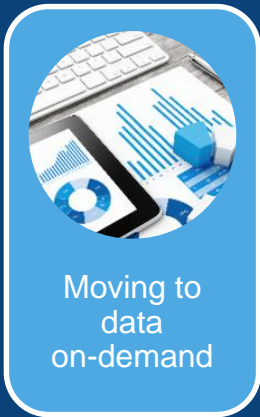
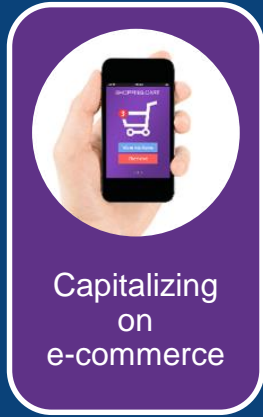
|    |       |
|----|-------|
| BE | 39.7% |
| FR | 47.5% |
| NL | 61.2% |
|    | 52.2% |

|    |       |
|----|-------|
| DK | 51.8% |
| EE | 48.7% |
| FI | 45.2% |
| IS | 71.3% |
| LT | 71.9% |
| LV | 34.4% |
| NO | 36.4% |
| SE | 47.1% |
|    | 47.9% |

|    |       |
|----|-------|
| IL | 27.0% |
| UA | 1.2%  |



# The 6 goals of the program



Making Air Cargo Easier, Smarter and Faster

# StB Cargo innovation streams



## Digital Air Cargo

- Messaging / e-docs
- Cloud
- Connectivity
- Digital platforms
- Blockchain



## Connected Air Cargo

- IoT
- Connected devices
- Smart tattoos
- Wearables



## Cargo Facility of the Future

- Automation
- Robotics
- Augmented reality
- Virtual reality
- Screening equipment



## Cargo Aircraft of the Future

- Unmanned aircraft
- Airships
- Biofuels
- Electric & solar-powered aircraft

Big data / Artificial intelligence / Cyber security / Biometrics

# A portfolio of **projects**

→ Accelerating change in the areas of:  
#Digitalization    #Visibility    #Safety



e-freight &  
e-AWB



ONE  
Record



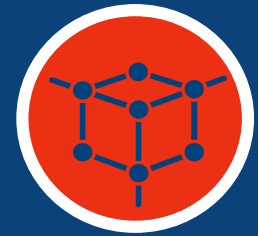
Interactive  
Cargo



Smart  
Facility



ACID  
Air Cargo  
Incident Data



Cargo  
Connect

→ Prioritized by IATA Cargo Committee

## Released in 2017:

- FACE vision 2030
- Air cargo serving e-commerce
- Cargo facility of the future

## To be released in 2018:

- Drones for tomorrow's air cargo
- Internet of Things applied to air cargo
- Smart ULDs

White papers

IATA  
Innovation  
Awards

2<sup>nd</sup> edition in 2017 with 46 submissions, 5 finalists, 1 winner (\$20,000)

Next edition will be in 2019 – Be ready to submit your ideas from Summer 2018!

# Driving innovation

Innovation talks at FACES, CNS, etc.

IATA Innovation teams across divisions to share ideas and best practices

Innovation groups

Innovation events

2<sup>nd</sup> Horizon, the IATA Cargo Innovation Forum in March 2018

1<sup>st</sup> Artificial Intelligence Lab in June 2018

2<sup>nd</sup> DronesLAB in October 2018



# Technologies on StB Cargo innovation radar



Online services



e-docs



Cloud



Cyber Security



Big Data



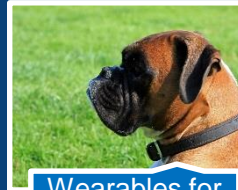
AI & Cognitive



IoT



Smart tattoos



Wearables for animals



Augmented reality



Virtual reality



Robots



Biometrics



Screening



Drones



Airships



Blockchain



3D printing



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THANK YOU

