



# Flying your outsized cargo

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**Clément BEAUNIS** - Airbus Beluga Transport project leader

**Reza FAZLOLLAHI** - Business Development & Strategy manager

**Philippe SABO** - Head of ATI and Air Oversized Transport at Airbus

**AIRBUS**

# Agenda



#1 Introduction

- Philippe SABO

#2 The outsized air cargo market

- Reza FAZLOLLAHI

#3 Innovative loading means

- Clément BEAUNIS

#4 Way forward

- Clément BEAUNIS

#5 Q&A

See all details and assets on Freighter page on [airbus.com](#): [link](#)

Philippe SABO - Head of ATI Air Oversize Transport at Airbus

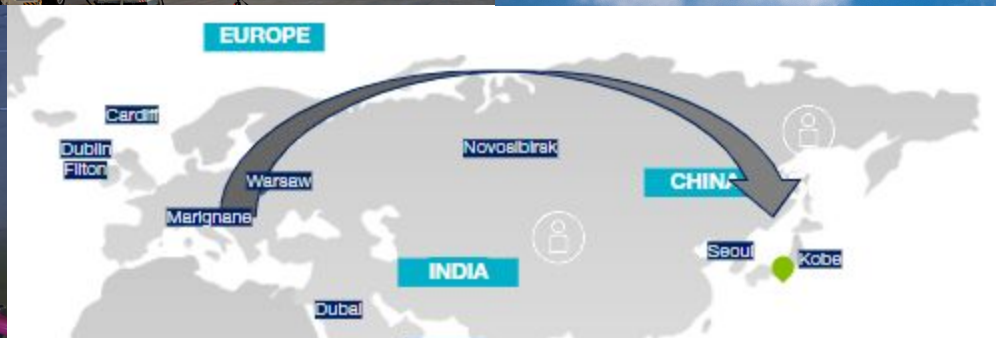
Reza FAZLOLLAHI - Business Development manager

Clement BEAUNIS - Airbus Beluga Transport project leader

**AIRBUS**

# A successful first mission

Transport of a large helicopter  
from Marignane  
to Kobe



# Decades of experience going forward

In the past

**Fleet of  
5 BelugaST**

A key role in the  
Airbus production  
system

2020

**New Fleet of  
6 BelugaXL**

Progressively taking  
over BelugaST  
mission

Q4 2021

**OPEN FOR  
BUSINESS**

**AIRBUS** BELUGA  
Transport

Taking advantage of  
20 years of  
BelugaST remaining life  
&  
Decades of experience  
in outsized cargo

# Multi-sector air transport for any type of payload



Very special market



Freight forwarders & brokers / Civilian & Military



## Multi-sector customers

- Aerospace
- Oil & Gas
- Energy
- Big machinery
- Maritime
- Humanitarian



Aircraft availability - Reliability - Cost efficiency

# The biggest cross section of the market

Dimensions: Width x Height x Length

## Dimensions

Width 7.1m  
Height 6.7m  
Length 39m

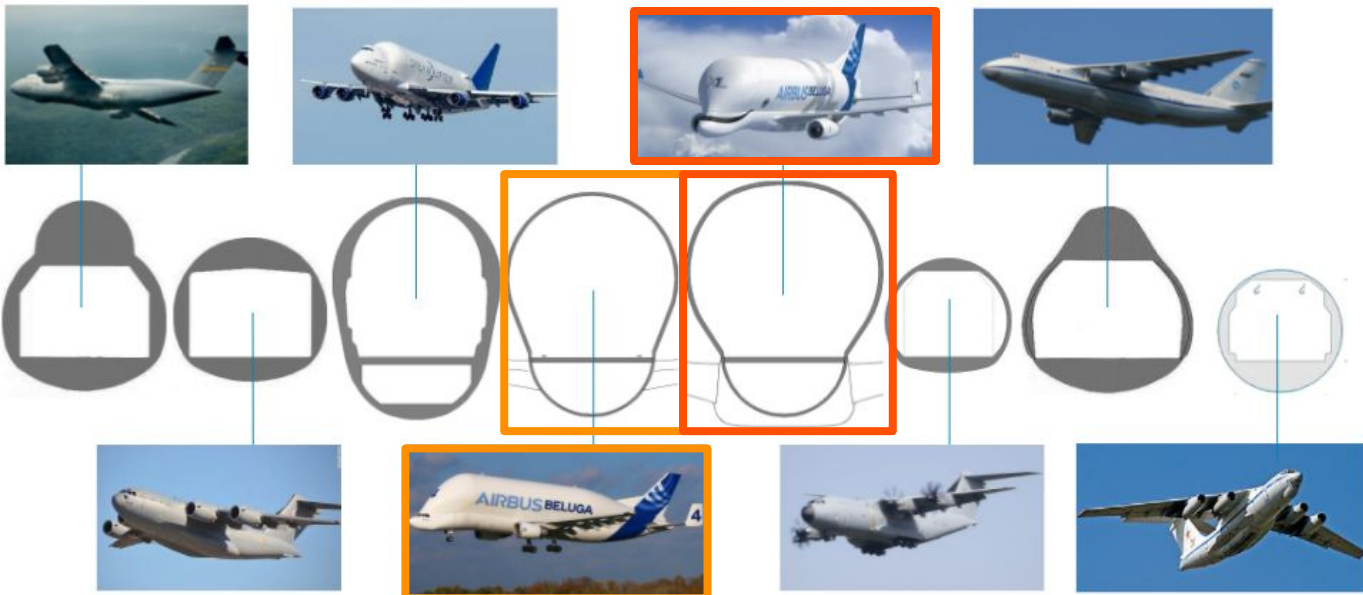
## Max Payload

40 tons Beluga ST  
44 tons Beluga XL

## No Dismantling

Save operational time  
Secure payload integrity

Lockheed M C5	Boeing C17	Boeing Dreamlifter	Airbus BelugaST	Airbus BelugaXL	Airbus A400M	Antonov 124 / 225	Ilyushin-76
5.8m x 4.1m x 37m	5.5m x 3.7m x 27m	6.3m x 6.9m x 30m	7.1m x 6.7m x 39m	8.1m x 7.1m x 46m	5.3m x 4.0m x 18m	6.4m x 4.4m x 41m	3.5m x 3.4m x 20m

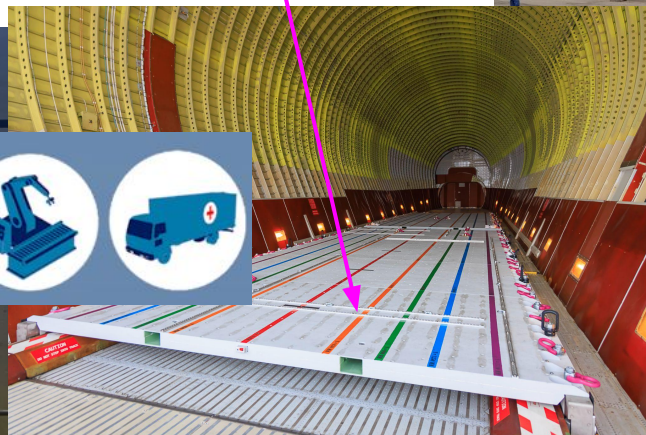
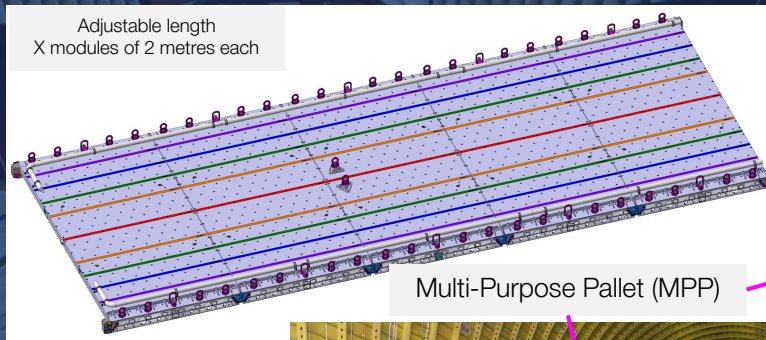


# Multi-Purpose Pallet

- **Modular pallet** compatible with helicopters, vehicles, engines on stands, containers, etc. with minimum reconfiguration
- Enabling **several missions in a row** without having to come back to home base for pallet change
- Design completed, over 25 modules of 2m delivered

For any type of payload

Adjustable length



# Outboard Platform

- Deployed worldwide at main customers locations
- Dis/assembled in a day, easily transportable by sea, road, and air in standard containers
- Designed completed, 1st unit available

To load / offload any type of payload

Positioned at strategic locations

Rapidly dis/assembled

Easily dispatchable to other locations



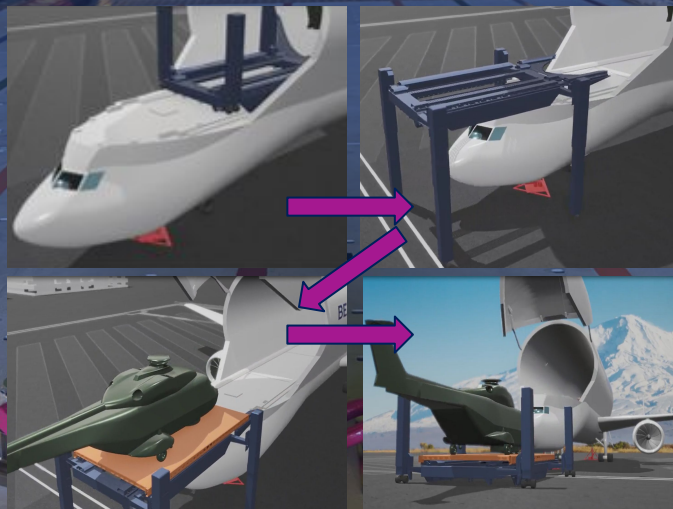


# Onboard Cargo Loader

Bringing reactivity & autonomy

Expected to be used for >65% of missions

- Travelling with the payload inside the Beluga, for maximum reactivity and autonomy
- Automatically deployed and rigged to the aircraft
- Providing lifting capability
- Usable for payloads < 20 tons and < 12m long
- Design completed
- Available from June 2022



# AIRBUS BELUGA Transport

A worldwide service offer with 5 BelugaST from 2024

Q4 2021

2022

2023

2024 on

**OPEN FOR BUSINESS**

**AIRBUS BELUGA**  
Transport

Taking advantage of  
20 years of  
BelugaST remaining life  
&  
Decades of experience  
in outsized cargo

**AIRBUS BELUGA**  
Transport

**2 BelugaST**

Service provided by  
Airbus Customer Services (sale)  
& ATI (operations)

**AIRBUS BELUGA**  
Transport

**3 BelugaST \***

Service provided by  
New fully dedicated  
Airbus Subsidiary

**AIRBUS BELUGA**  
Transport

**5 BelugaST \***



\* BelugaXL possible option for some missions

# AIRBUS BELUGA TRANSPORT

FLYING YOUR  
**OUTSIZED  
CARGO**



THE **BIGGEST CROSS SECTION** OF THE MARKET



## MAX PAYLOAD

WIDTH: **6.7m**  
HEIGHT: **7.1m**  
LENGTH: **39m**

WEIGHT: **40 tons**

**+50% HIGHER  
& UP TO 10% WIDER** THAN THE MARKET ALTERNATIVE



A **WORLDWIDE** COVERAGE

## MULTI-SECTOR AIR TRANSPORT



FOR ANY TYPE OF PAYLOAD



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