

Airbus Innovation Days

Tom Williams,
Chief Operating Officer Airbus

Stepping up!



Delivering our backlog – meeting our customers' needs

Increasing our manufacturing efficiency and integrating our global supply chain



55,000
Employees

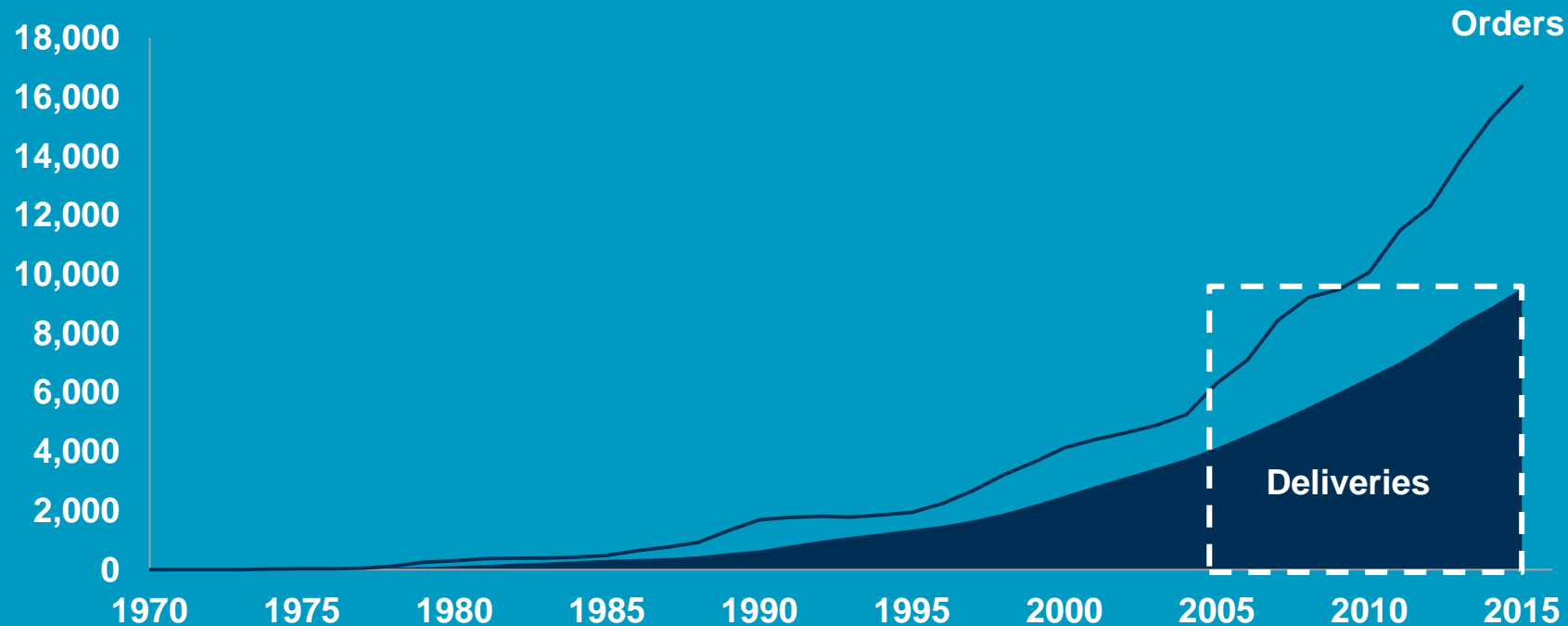
€45,8 billion
Annual revenue*

8 yrs
Backlog

400
Operators

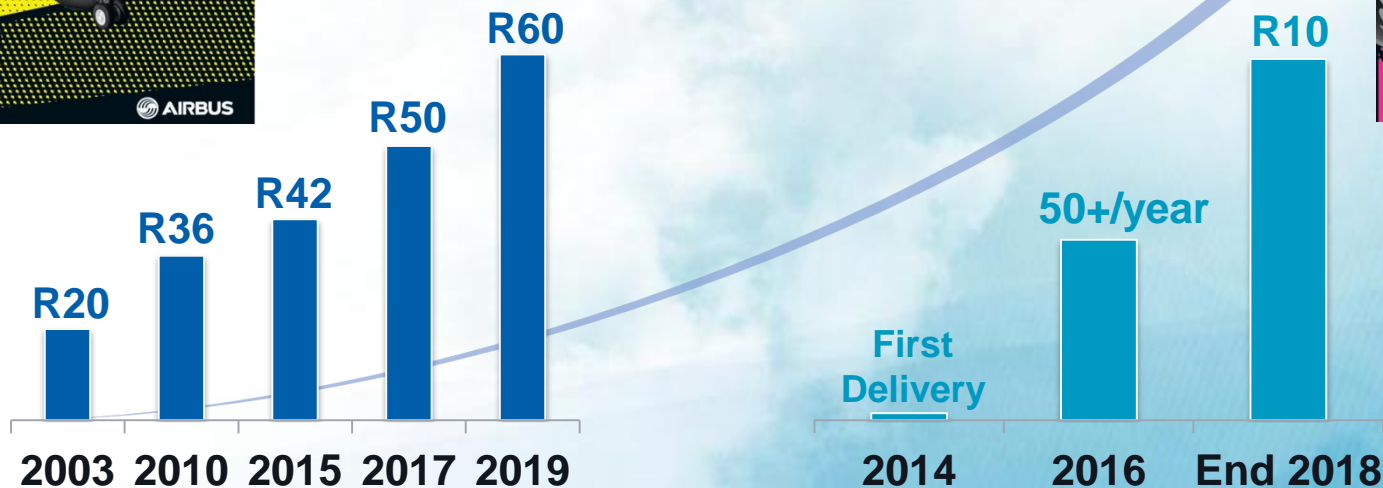
Data to end 2015

Looking back – doubling deliveries in 10 years



Source: Airbus Orders & Deliveries

A320 & A350 XWB: lifting production to new heights



Boosting production: faster, smarter & more innovative

- New processes: step changes
- New tooling, machines and skills management
- Truly global supply chain



The sun never sets on Airbus A320 production

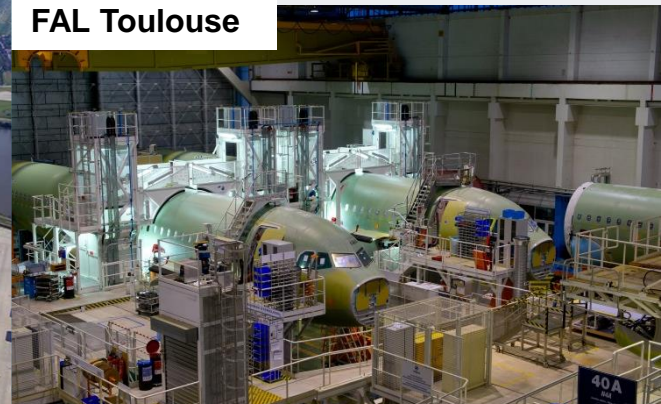
Ramping up to rate 60

- 4th line in Hamburg
- Cabin furnishing in Toulouse (avoiding ferry flights)
- Global production system
- Latest digital and automation technologies
- People development

FAL Hamburg



FAL Toulouse



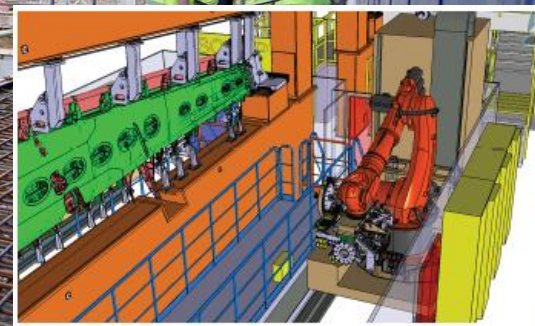
FAL Tianjin



FAL Mobile



Building A320 Family wings differently – a new pulse line at Broughton



**Improved efficiency
and ergonomics**

**A new structural assembly system with
more automation**

Creating an operator-focused environment – Smart tools and devices

Better ergonomics for our workers

- Increased safety
- More comfort
- Improved quality
- Reduced lead time
- Greater efficiency



Modular Electrical Drilling Unit



Smart glasses



Exoskeleton devices

Exoskeleton devices

As is



To be



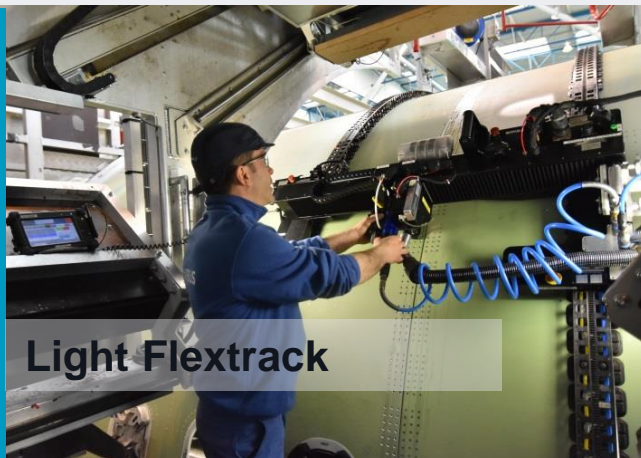
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Factory 4.0 - boosting high-volume production

Leveraging new technologies

- Robust
- Intelligent
- Flexible
- Right first time



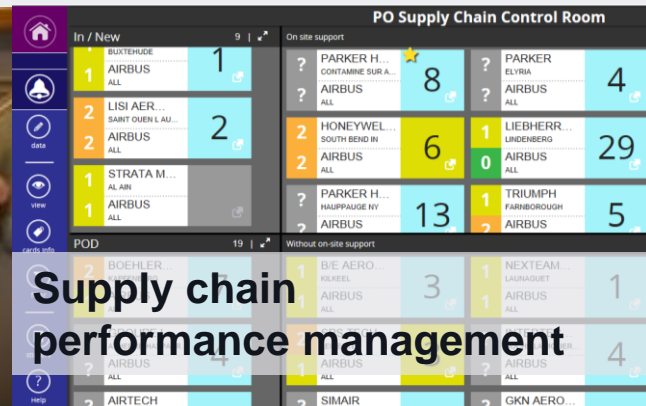
Digital technology: Getting it right first time

Tracking our performance

- New inspection techniques
- Supply chain e-control room
- Supplier mapping



Tablet inspections



Supply chain performance management



Drone inspections

In summary: on-track to meeting our targets



- **Global industrial footprint**
- **Worldwide supplier network**
- **Empowered and engaged people**
- **Right competences, skills and training**
- **Latest technologies & fully integrated processes**

Thank You