



Future Combat Air System

Changing perspectives in Future Air Power

DEFENCE AND SPACE

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AIRBUS

New operational context

Highly denied environments will require the collaborative capabilities of many pooled platforms



New approach

Operating as a system of systems

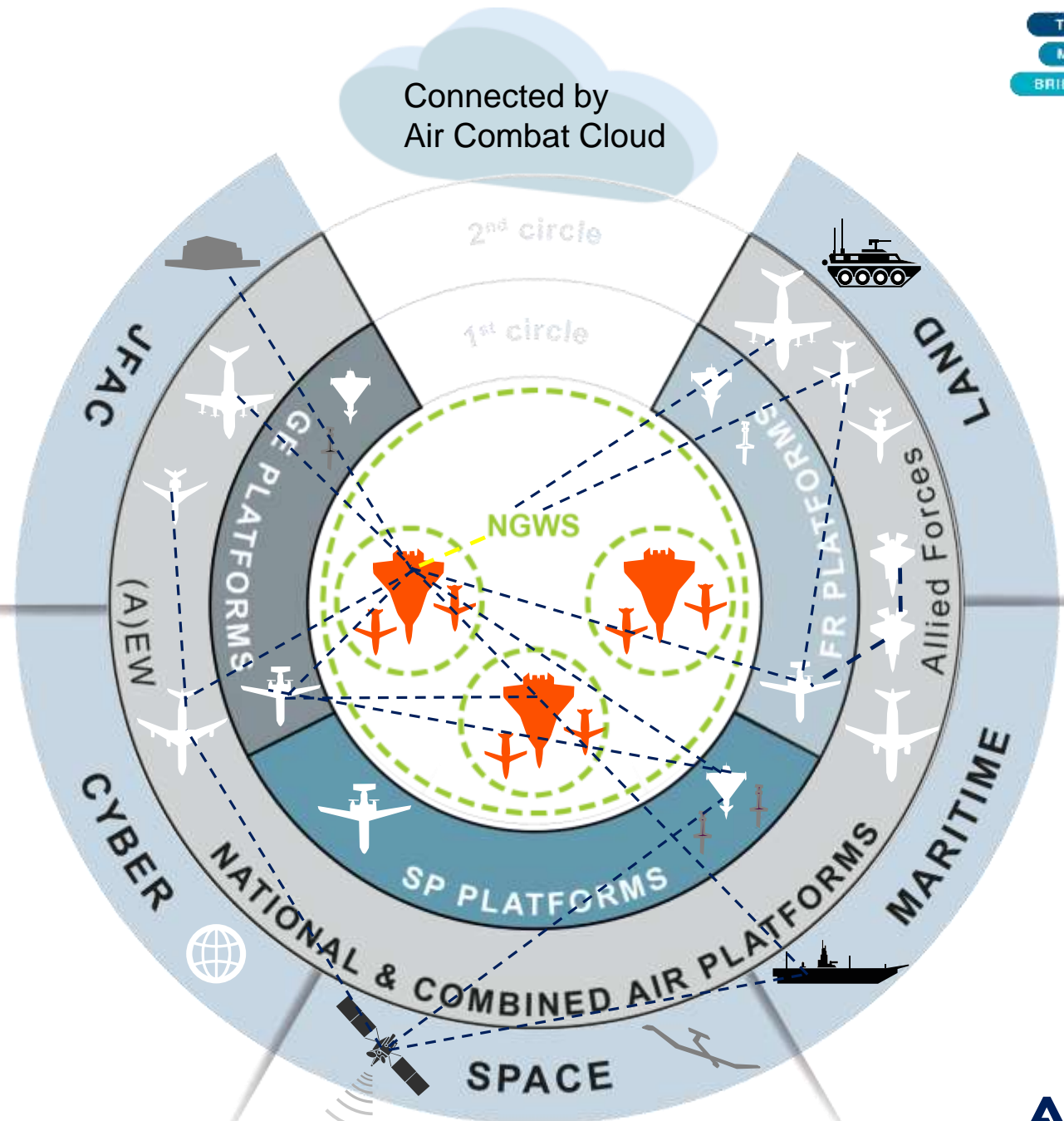
New Generation Fighters teaming with Remote Carriers as force multipliers

Adding the unique capabilities of other platforms

Fully interoperable with allied forces

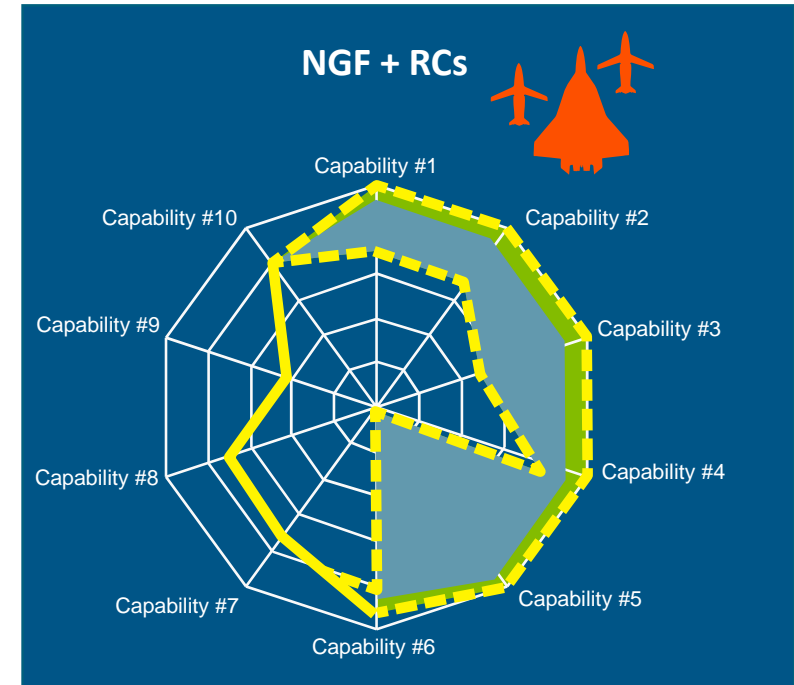
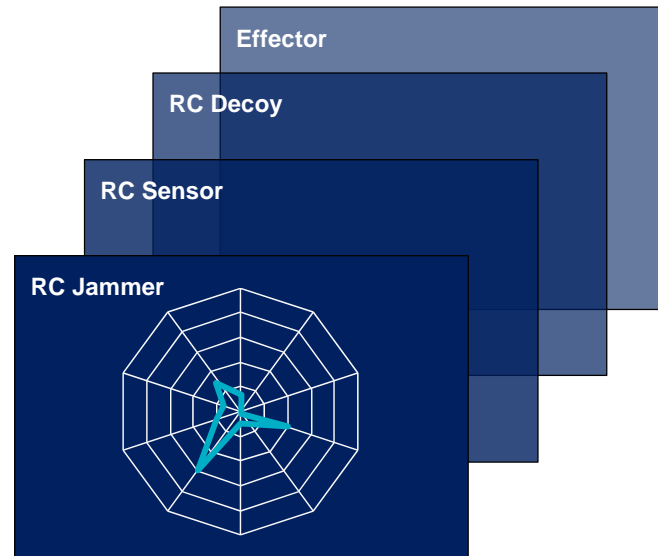
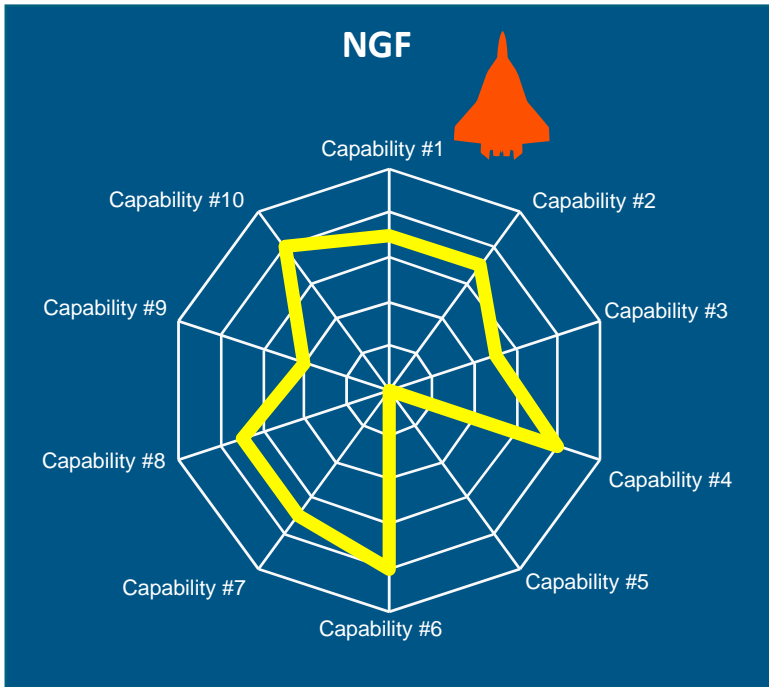
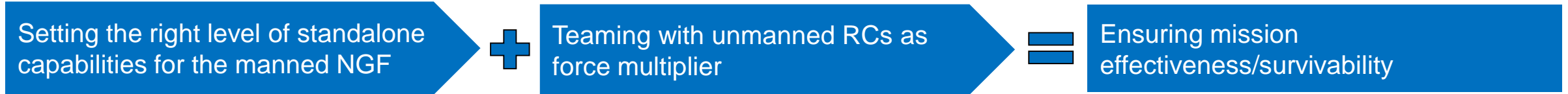
Operating across domains

Collaborating through an Air Combat Cloud



Increased mission effectiveness & survivability

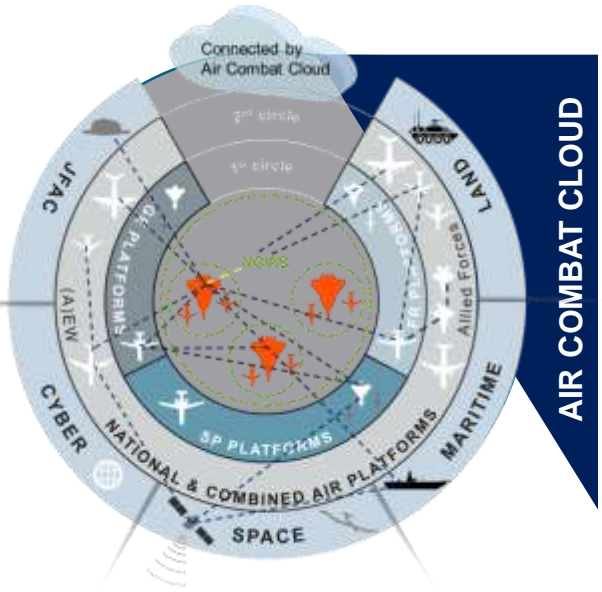
Flexible & scalable Next Generation Fighter (NGF*) collaborating with Remote Carriers (RCs)



* Using existing updated manned platforms is also planned

Accelerating the OODA loop

Victory will stem from the Air Combat Cloud



Observe

- Seamless access to data
- Automated optimal employment of sensors across platforms
- On board Predictive Data Analytics

Orient

- Shared, automated, and harmonized picture
- Automated decision support systems to plan & re-plan missions
- Provision of "smart tactics" in flight

Decide

- Central or distributed remote C2

Act

- Automated optimal employment of different platforms and effectors

Distributing the OODA loop

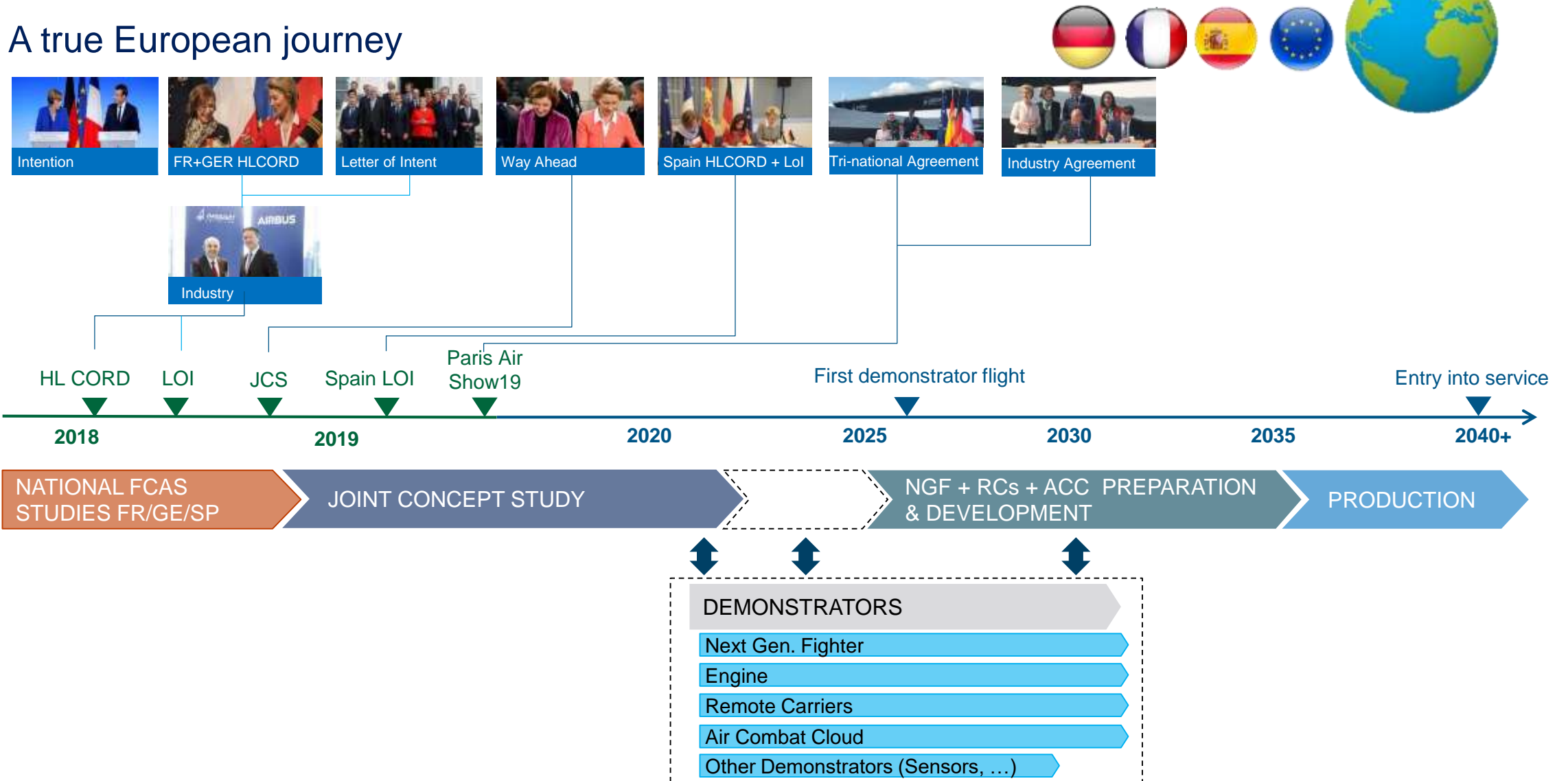
For more effectiveness, reactivity and resilience





FCAS main milestones

A true European journey





Thank you!