

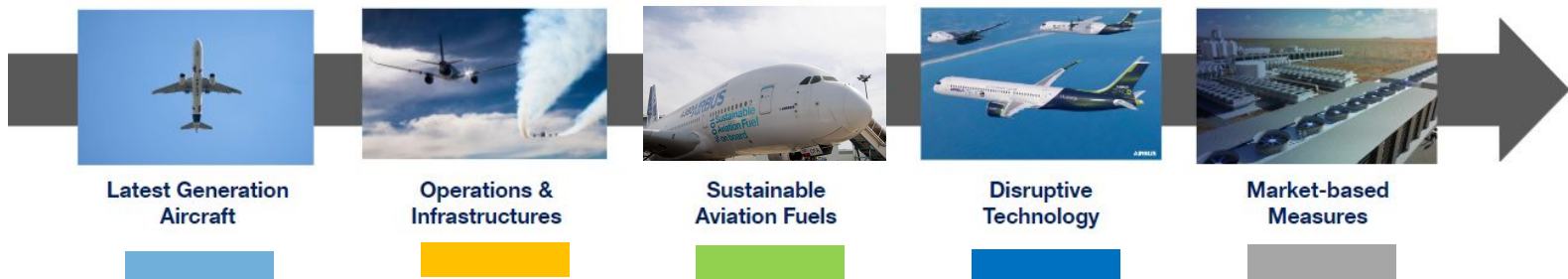
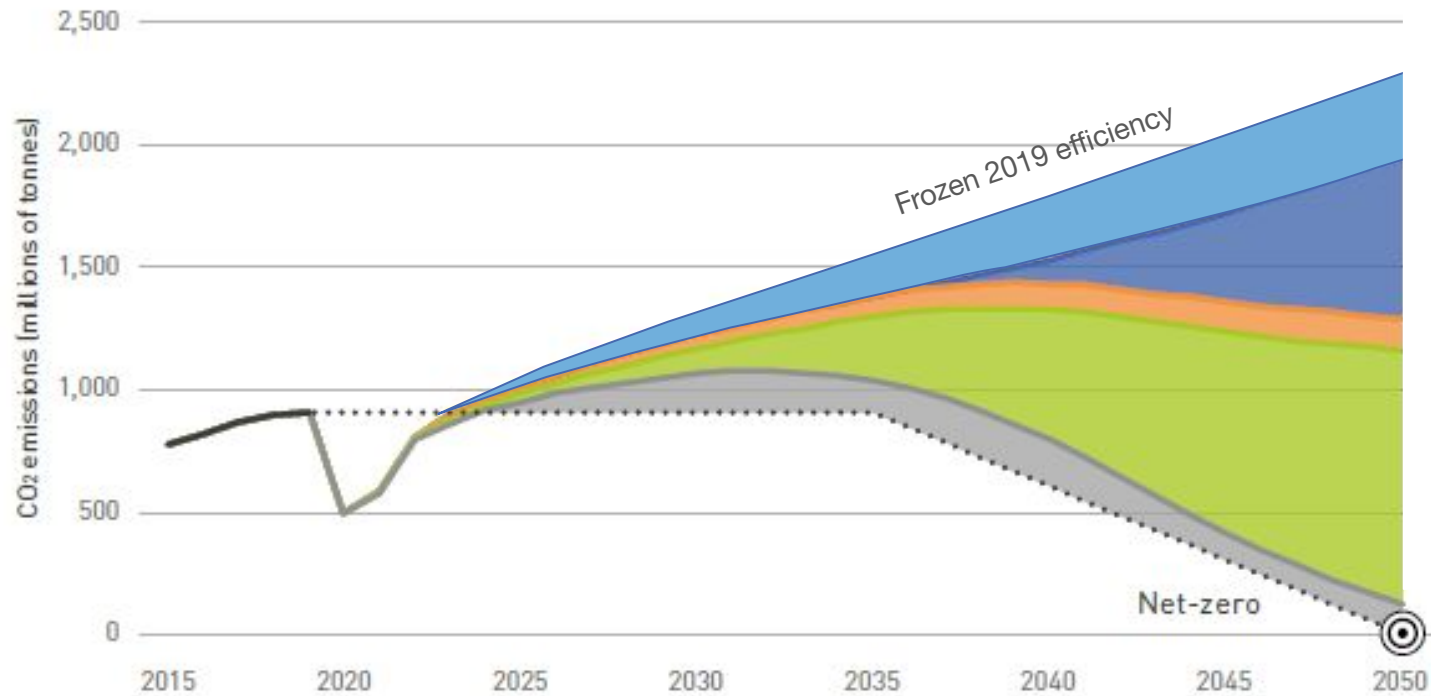


**Isaac Perez Fafian**  
Airbus UpNext Delegate Spain

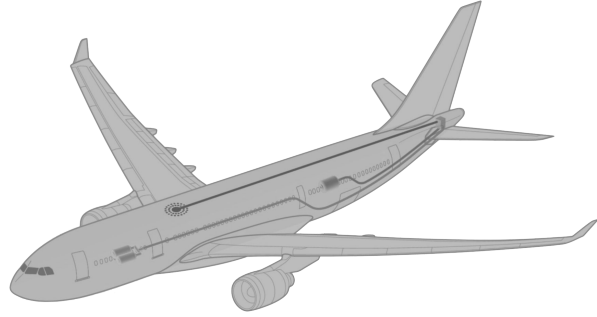
*Not Technical, ES\_EC\_NotListed*

# There is no single solution to decarbonise aviation

Airbus supports the ATAG most ambitious technology scenario

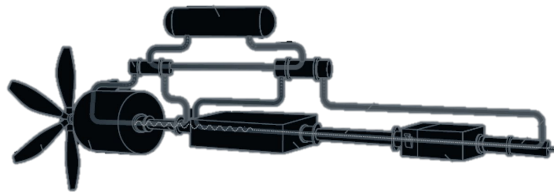


> ATAG CO<sub>2</sub> Roadmap based on most ambitious technology scenario & central traffic growth scenario: 3.1% CAGR 2019-2050)



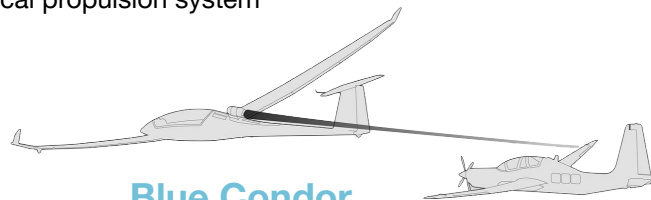
### HyPower

Acceleration and in-flight testing of a hydrogen based Non Propulsive Energy system using a CFRP H2 tank.



### ASCEND

Take benefit of cold fuel such as liquid H2 to increase significantly performances of electrical propulsion system



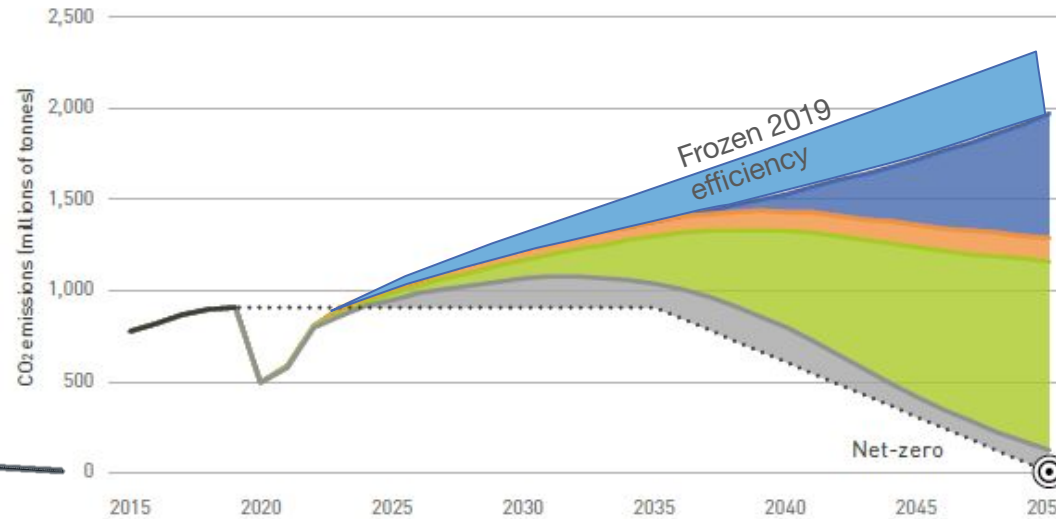
### Blue Condor

Analyse hydrogen combustion impact on contrail properties



### eXtra Performance Wing

Fly a representative wing at cruise speeds, with active control technology and associated technology bricks.



### VERTEX

demonstrate large simplification of VTOL-craft mission preparation and control enabling a non-pilot using very simple and intuitive devices to control the flight on an H130 demonstration craft



### Auto'Mate

Autonomous Vision Based Air to Air Refuelling Demonstrator for existing aircraft and future drones



Ongoing - Not Public ...yet!





**UpNext**