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THE CHALLENGE OF CLIMATE CHANGE IN THE COVID-19 CRISIS CONTEXT

June 30th, 2020

Reaching climate neutrality in aviation:

- a must for the sector
- challenging but achievable at horizon 2050 for Europe

Specificities of the sector:

- highly regulated, high level of safety requirements, long product cycles
- Strong alignment of technological actions between stakeholders needed to deliver disruptive products, including link with public policies and regulations

→ only a PPP able to deliver tangible results in view of the Green Deal

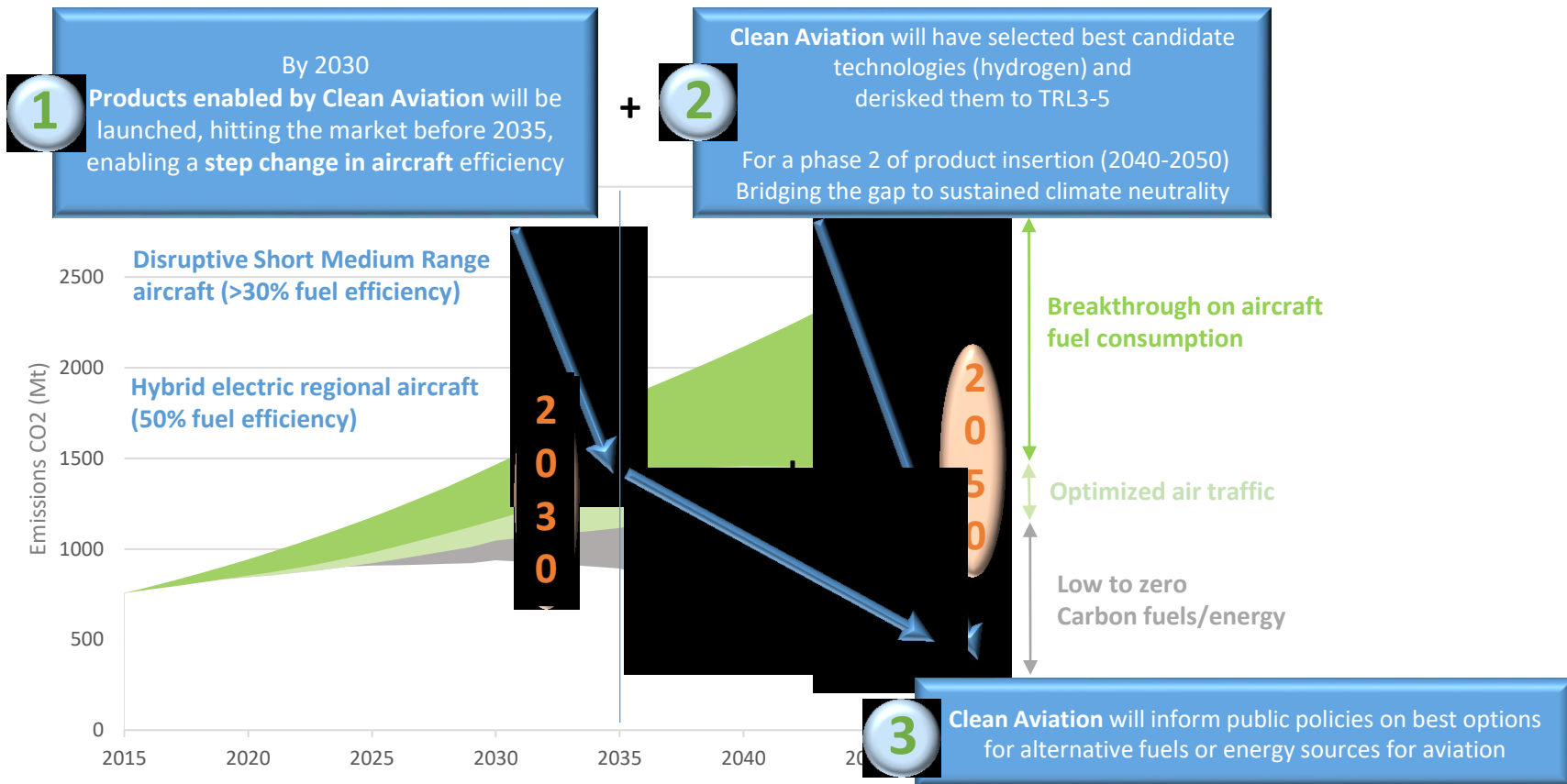
CLEAN AVIATION PPP

- ✈ **Climate neutrality focused**, with an impact driven approach
 - Two horizons of impact : 2030 (low carbon), 2050 (climate neutral)

- ✈ **Strong focus on only 3 levers and 2 product targets**, maximizing impact
 - **Ultra-efficient aircraft**: targeting a disruptive Short Medium Range Aircraft launched on the market by 2030
 - **Hybrid-electric**: targeting a disruptive Regional Aircraft launched on the market by 2030
 - **Enable Hydrogen flight**: exploring the potential and maturing the technology of Hydrogen as a fuel (second horizon)

- ✈ **Choices made to focus on activities essential to the targets, with clear EU added value**
 - Synergies with other Horizon Europe and National initiatives will be key
 - E.-g. : « drop-in » Sustainable Alternative activities excluded from the PPP

CLEAN AVIATION IMPACT ON CO₂ TRAJECTORY



CLEAN AVIATION PPP after COVID-19

- ✈ Clean Aviation SRIA elaborated before Covid-19 crisis
- ✈ Extremely violent Coronavirus impact on the aviation sector at large:
 - Recovery will take 4 to 6 years
 - R&I Self-funding capacity of industry severely affected (XXX% this year for Safran)
 - **recovery plan of utmost importance to sustain slashed private R&T investments**
- ✈ But no compromise on climate neutrality
- ✈ R&I, the mean to keep the sector technologically ready for 2030 and 2050 at world level
 - Need to invest on purposive R&T (*impact driven*) for 2030, an essential step to prepare climate neutrality for 2050
 - Clean Aviation budget set to be ambitious (*2.5 Bn€ of funding*)
 - Funding rates (*at least 50% of total industrial costs*) to remain attractive in order to be beneficial (*decarbonization and recovery*)
 - Ailing aeronautic sector ready to commit and deliver (*Memorandum of Commitment*)

CLEAN AVIATION PPP after COVID-19

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