

### Long term Goal - Net Zero by 2050

**32**%

of carbon emission reduction targets to come from technological and operational improvements

34%

of carbon emission reduction targets delivered with increased use of SAF

10%

reduction in emissions with the introduction of the Single European Sky initiative

**24**%

of emission reduction target to occur with offsetting and other economic measures

#### **CURRENT AIR TRAFFIC MANAGEMENT**

+10% CO<sub>2</sub>









# Pledge 1 = 12.5% SAF by 2030



Feedstock, like household waste or waste oils, is collected.



Fuel is delivered to airports and into aircraft wing where facilities exist.

From waste to
wingtip - the
production journey
for sustainable
aviation fuel



Feedstock is converted to sustainable aviation fuel.

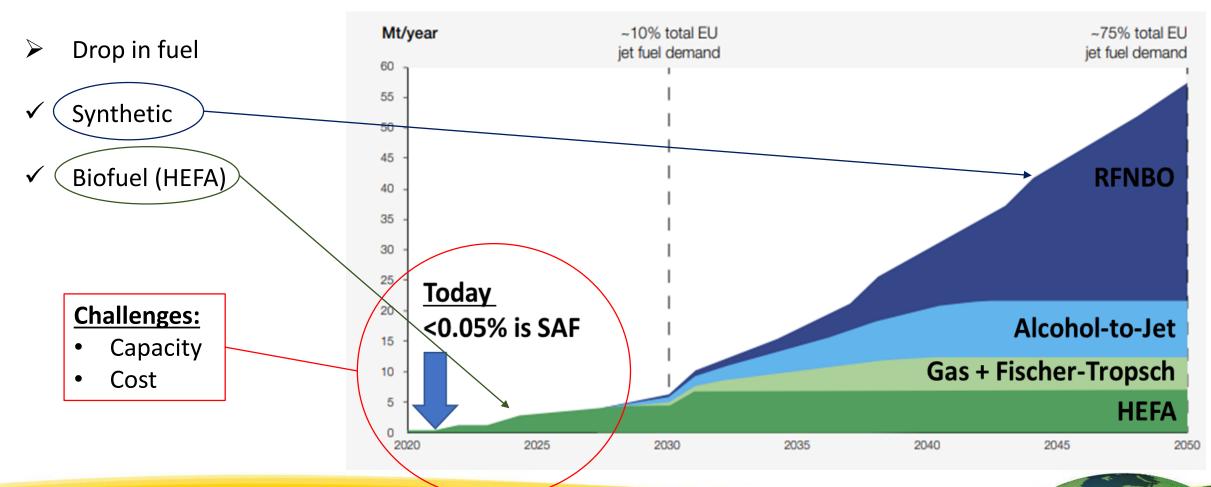


Traditional jet fuel is blended with sustainable aviation fuel to make it suitable for use in aircraft.



# Achieving Ryanair's SAF pledge

Alternative to fossil-based jet fuel





#### Achieving Ryanair's SAF pledge

→ Partnership with Trinity College Dublin



→ Partnership with Neste 40% SAF (AMS)



→ Ryanair / OMV MoU 160,000 tonnes of SAF



→ Ryanair / Shell MoU 360,000 tonnes of SAF

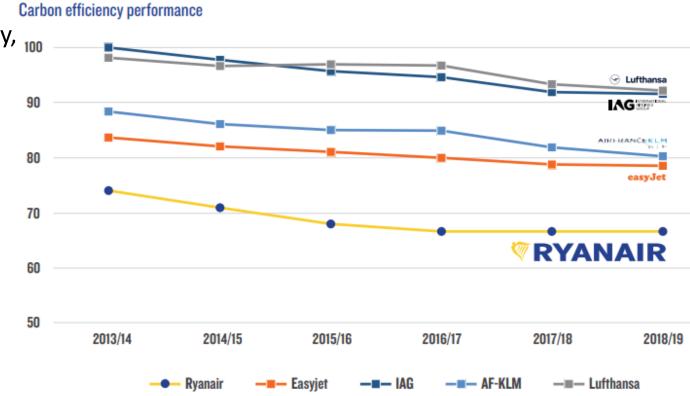




# Pledge 2 = Target of 60g CO2 pax/km by 2030

# The metric is important!

- CO2 per pax/km represents real emissions intensity, any other metric is not representative of societal benefit
- ➤ More pax per flight → lower emissions intensity
- ➤ How do we want to go there?
- ✓ Newer fleet
- ✓ Improved operations
- ➤ Regulatory help: Single European Sky -10% CO2







## The winning formula



96% **FILLED SEATS & CABIN DESIGN** 



**YOUNGEST** FLEET (avg. 8 years)



(P2P, Continuous Descent, Paperless)



**EMISSIONS** 

(Cut to <60g by 2030)



