Low Carbon Aviation Fuel Projects	Gordon Taylor		2020-07-15
Carbon Supplier	Hydrogen Supplier	Fuel Synthesis	Fuel Output
* World Energy SAF project, USA, with Lufthansa and Shell, https://www.worldenergy.net/products/sustainable-aviation-fuel-saf/ Bio-wastes ??? ??? 35000 tons/year			
Bio-wastes	fff	???	35000 tons/year
* Sky NRG project DSL-01 in Delfzijl, https://skynrg.com/press-releases/klm-skynrg-and-shv-energy-announce-project-first-european-plant-for-sustainable-aviation-fuel/			
Bio-wastes	Nouryon and Gasunie	F-T from Haldor Topsoe	100000 tonnes/year (2022)
* Bayou Fuels, Natchez, USA, https://www.velocys.com/projects/bayou-fuels/			
Woody biomass	<none></none>	F-T from Velocys	~ 77600 tonnes/y
* Altalto project in Immingham, with British Airways and Shell, https://www.altalto.com/			
Bio-wastes	Electrolyser (PEM) from ITM	F-T from Velocys	~ 48000 tonnes/y (mid-2020's)
* Rotterdam The Hague Airport project by EDL Anlagenbau and SkyNRG, https://www.thechemicalengineer.com/news/producing-sustainable-aviation-fuel-in-the-netherlands/			
CO2 (DAC) from Climeworks	Electrolyser (SOEC) from Sunfire		1000 litres/day
* Norske e-Fuel project, https://www.norsk-e-fuel.com/en/			
CO2 (DAC) from Climeworks	Electrolyser (SOEC) from Sunfire	F-T from INERATEC	8000 tonnes/year (by 2023)
CO2 (DAC) from Climeworks	Electrolyser (SOEC) from Sunfire	F-T from INERATEC	80000 tonnes/year (by 2026)
* Repsol project, https://www.repsol.com/en/press-room/press-releases/2020/repsol-to-develop-two-major-emissions-			
reductions-projects-in-spain.cshtml CO2 from nearby Petronor refinery	???	???	~ 2400 tonnes/year (in 2024)
* Copenhagen project, https://presscloud.com/file/33/330870924970883/Fact_sheet.pdf			
<none></none>	10 MW	N/A	Hydrogen only (in 2023)
CO2 captured from waste incineration	250 MW	???	~ 4200 tons/y (by 2027)
CO2 captured from waste incineration	1.3 GW	???	250000 tons/y (in 2030)