

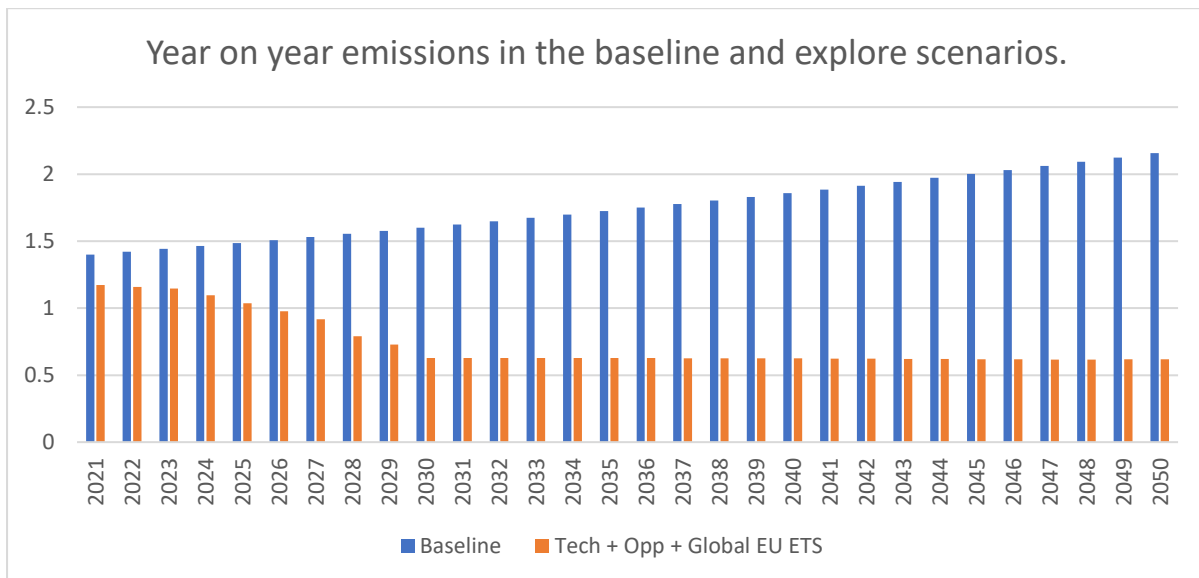
Appendix

Supplementary figure 1

Feedstock	Feedstock type	FSRL	EU availability
Agro residues	Cellulosics	5.4	Available
Bagasse	Cellulosics	Under FSRL evaluation	Available
Beef tallow	Wastes/Industrial	N/A	Available
Camelina	Oilseeds	4.2	Internationally traded
Canola	Oilseeds	6.2-9	Internationally traded
Carinata	Oilseeds	1	Internationally traded
Corn grain	Cellulosics	6.2	Internationally traded
Corn stover	Cellulosics	6.2	Internationally traded
Eucalyptus	Cellulosics	2.4	Internationally traded
Jatropha	Cellulosics	Under FSRL evaluation	Internationally traded
Macauba	Oilseeds	N/A	Internationally traded
Manure	Wastes/Industrial	Under FSRL evaluation	Available
Microalgae oil	Algae	Under FSRL evaluation	Available
MSW	Wastes/Industrial	Under FSRL evaluation	Available
Palm oil	Oilseeds	Under FSRL evaluation	Internationally traded
Pennycress	Oilseeds	Under FSRL evaluation	Available
Pinus	Cellulosics	Under FSRL evaluation	Available
Poplar	Cellulosics	2.4-5.1	Available
Soybean oil	Oilseeds	Under FSRL evaluation	Available
Sugar cane	Sugars	3.2	Available
Sunflower	Oilseeds	Under FSRL evaluation	Available
Switchgrass	Cellulosics	5.4-6.2	Internationally traded
Used cooking oil	Wastes/Industrial	Under FSRL evaluation	Available
Willow	Cellulosics	Under FSRL evaluation	Internationally traded
Wheat straw	Cellulosics	5.4	Available
Woody biomass	Cellulosics	2.4-5.1	Available

Supplementary figure 1. This table reused from Van Muijden 2021 shows the different fuel readiness levels (FSRL) for various feedstocks related to SAF use. This can inform policy makers in the EU whether feedstocks are ready for use in SAF and whether they are available.

Supplementary Figure 2



Supplementary figure 2. An alternative way to look at the emissions in CO₂ eq from commercial aviation. The Baseline represents the emissions from commercial aviation in a 1.5% growth scenario where no change occurs. The Tech + Opp + Global EU ETS describes a scenario described in the road map where proposed technology, changes to operations and offset schemes are used.

