



Jet Fuel Included	GHG Accounting			Sustainability elements																	Voluntary Schemes Accepted for Qualification	Chain of custody tracking approach
	System boundary	Allocation method for coproducts	Indirect LUC included	Air quality	Biological diversity	Invasive species	GHG emissions	Land conversion	Protected areas	Soil health	Waste management	Water availability	Water quality	Food security	Labor rights	Rural and social development	Energy infrastructure	Job creation	Wage/income improvement for local population			
U.S. Renewable Fuel Standard (RFS2)	No mandate, but can qualify for credits and contribute to mandate fulfillment	Well-to-wheels/wake	Displacement (system expansion)	Yes			Yes	Yes	Yes											None	Hybrid (mass balance and book and claim)	
California Low Carbon Fuel Standard (LCFS)	No	Well-to-wheels/wake	Mass and/or energy, depending on pathway	Yes			Yes	Yes												?	Hybrid (mass balance and book and claim)	
E.U. Renewable Energy Directive (EU RED)	No mandate, but can contribute to mandate fulfillment	Well-to-wheels/wake	Energy	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes							List available here	Mass balance (proportionate)	
Roundtable for Sustainable Biomaterials (RSB)	Yes	Well-to-tank, infrastructure and ancillary processes included	Economic	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	5 options	preservation, product segregation, mass balance,	
International Sustainability & Carbon Certification (ISCC) 202	Yes		Energy	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	3 options	ID preservation, product segregation, mass balance		
ISO 13065 (International Standard)	Yes		?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes					