Chain of custody for the fossil gas hydrogen pathway

	Upstream oil and gas	Down- stream oil and gas	Liquefied natural gas (LNG)			Hydrogen	Down- stream Hydrogen	Carbon capture, transport and storage		
	Oil and natural gas exploration and pro- duction, gathering/ boosting, processing	Gas trans- mission	LNG-EC: Liquefacti- on and export	LNG: LNG Carrier	LNG-IC: Import terminal and regasi- fication	Steam or auto- thermal reforming	Hydrogen trans- mission	Carbon capture and condi- tioning	Transport of CO ₂	Storage
Direct emitters	Onshore and offshore producers	Gas pipeline operators	LNG plant operators	LNG carrier operators	LNG plant operators	Hydrogen plant operators	Hydrogen pipeline operators	CO2 capture site operators	CO₂ shipping compa- nies	
						CO₂ capture			CO_2 pipeline operators	
						site operators				Storage site
	Electricity providers*					Electricity	providers*			operators
	0	&G technolog	ly and materi	al providers*	*	Hydro technology				
tters	0	Pipeline		ial providers* Tanker owners					Pipeline technology	
ndirect emitters	C		gy and materi Terminal operators	Tanker	* Terminal operators		y providers Pipeline	CO ₂ capture technology providers		
Indirect emitters	LNG im	Pipeline technology and material providers poorters (resp ons using EU-	Terminal operators onsible for re	Tanker owners Maritime service providers eporting value IRV standards	Terminal operators e chain		y providers Pipeline technology and material	capture technology	technology and material	
	LNG im	Pipeline technology and material providers poorters (resp ons using EU-	Terminal operators onsible for re equivalent M	Tanker owners Maritime service providers eporting value IRV standards	Terminal operators e chain		y providers Pipeline technology and material	capture technology	technology and material	
	LNG im	Pipeline technology and material providers poorters (resp ons using EU-	Terminal operators onsible for re equivalent M ane Import St Port	Tanker owners Maritime service providers eporting value IRV standards tandard) Maritime regulators	Terminal operators e chain s under Port regulators		y providers Pipeline technology and material providers	capture technology	technology and material	
Stakeholders that could influence emissions MRV	LNG im	Pipeline technology and material providers poorters (resp ons using EU-	Terminal operators onsible for re equivalent M ane Import St Port	Tanker owners Maritime service providers eporting value RV standards tandard) Maritime regulators Finar	Terminal operators e chain s under Port regulators	technology	y providers Pipeline technology and material providers	capture technology	technology and material	

Carbon Limits 2024. Notes: * In the respective country where the value chain segment is occurring. ** I.e. processing and liquefaction technology, storage tank and tanker providers. *** I.e. land management, environmental, and energy agencies

→ Fig. 19