ARGUS HYDROGEN TAXONOMY

Scan for free trial of Hydrogen and Future Fuels report

argus

Baseline

Business-as-usual steam methane reformation unit. Emissions released unabated.

BAT+

Best Available Technology, i.e. new-builds & retrofits, with Carbon Capture and Storage.

Low-C

Lowest technically achievable CO2 emissions via fossil fuel reformation.

No-C

No CO2 is emitted during hydrogen production.

	H2 Purity	Co2e kg/kg of H2*	Pressure	Example Colours	
Baseline	99.9%	‹11.3, ›8.0	30 bar	Grey	Yellow
BAT+	99.9%	‹2.88, ›1	30 bar	Blue (SMR+CCS retrofits)	
Low-C	99.9%	‹1, ›0.5	30 bar	Blue (ATR+CCS),	Turquoise
No-C	99.99%	‹0.01	30 bar	Green	Purple

Source: Argus Media 2022