

UN-convened Net-Zero Asset Owner Alliance Statement on the Draft European Sustainability Reporting Standard E1 Climate Change

Annex 1 sector metrics and targets table

Sector ¹	Required Data <i>*Reported as of current date, and forward looking at 5 years and 10 years</i>
Oil and Gas ²	<ul style="list-style-type: none"> • gCO₂(e)/ MJ³ • Also reporting on methane separately with; gCH₄/MJ⁴
Utilities	<ul style="list-style-type: none"> • tCO₂(e)/MWH^{5 6}
Transportation – Aviation	<ul style="list-style-type: none"> • gCO₂(e)/RTK
Transportation – Shipping	<ul style="list-style-type: none"> • gCO₂(e)/TKM⁷
Transportation – Heavy duty road	<ul style="list-style-type: none"> • gCO₂(e)/TKM
Transportation – Light duty road	<ul style="list-style-type: none"> • gCO₂(e)/KM
Cement	<ul style="list-style-type: none"> • tCO₂(e)/tonne of cementitious produced
Steel	<ul style="list-style-type: none"> • tCO₂(e)/tonne of crude steel⁸
Aluminium	<ul style="list-style-type: none"> • tCO₂(e)/tonne of aluminium⁹
Agriculture	<ul style="list-style-type: none"> • tCO₂/tonne of agricultural product • CH₄/tonne of agricultural product • NO₂/tonne of agricultural product
Forestry	<ul style="list-style-type: none"> • tCO₂(e)/tonne of forestry product • <i>For Paper KPI: tCO₂/tonne of pulp, paper and paperboard</i>
Fisheries	<ul style="list-style-type: none"> • tCO₂(e)/tonne of fishery product
Chemicals	<ul style="list-style-type: none"> • tCO₂(e)/tonne of chemical product¹⁰

¹ Please see Alliance Target Setting Protocol Annex for NACE/GICS/BICS mapping of sector classifications.

² It is noted that 2020 was an exceptional year for the O&G and other industries and this particular year should be carefully considered and accounted for if used as a base year for target setting.

³ Scope 1, 2 and 3 (use of sold product) greenhouse gas emissions from energy products sold externally in units of grams of CO₂ equivalent (gCO₂e) per mega joule (MJ). “Energy products sold externally” is defined by TPI as the total net calorific energy supply from all fuels including hydrocarbons, biomass and waste, plus energy supplied as electricity generated from fossil fuels, nuclear or renewables.
<https://www.transitionpathwayinitiative.org/publications/96.pdf?type=Publication>

⁴ The Alliance encourages all relevant companies to join the Oil and Gas Methane Partnership (OGMP2.0).

⁵ A “t” indicated metric tonne, not US ton. “CO₂e” is used here and is requested by some, while TPI requests “Co₂”.

⁶ Scope 1 of owned gross electricity generation, excluding purchased electricity.

⁷ Note, Current TPI methodology considers emissions related to marine shipping in international waters only; we note that it would be useful if companies provide an intensity for all shipping activities and then separate ones for shipping activities in international vs coastal vs inland waters.

⁸ Where possible reporting separately for primary and secondary.

⁹ This should include emissions from alumina and aluminum production, both normalised to a tonne of aluminum.

¹⁰ We note the heterogeneity in the chemical sector and that this may vary by the type of products produced by the company in the sector. We none the less believe this is the necessary starting place.