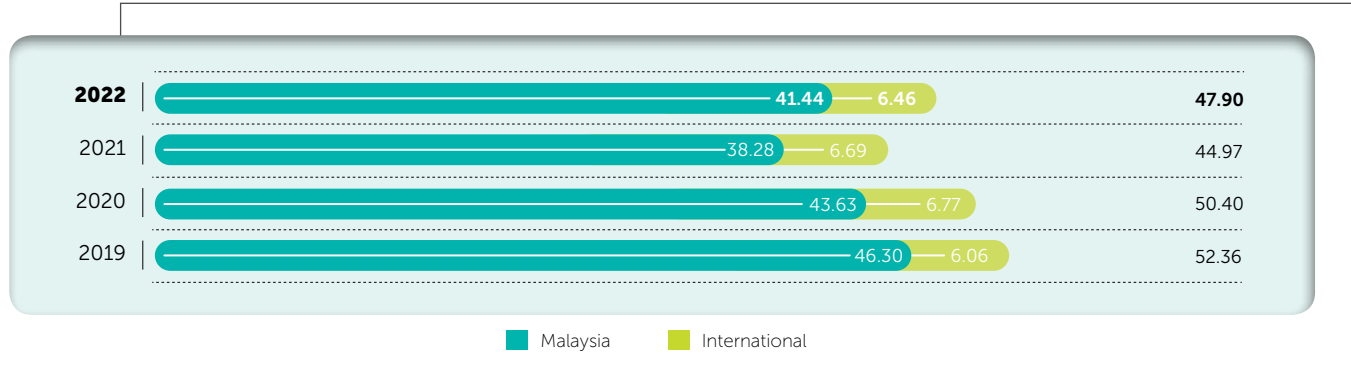


### GHG Emissions Breakdown by Region (Million tCO<sub>2</sub>e)

(Excludes Corporate and Others)



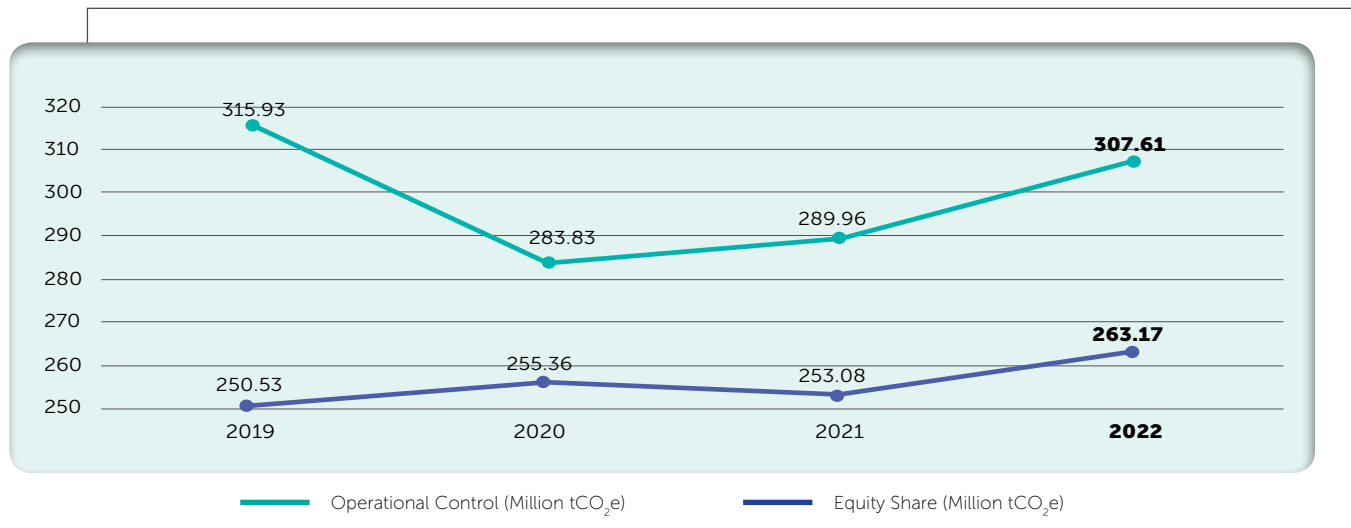
### Key Performance Indicators

(Excludes Corporate and Others)

	2019	2020	2021	2022
Total GHG Emissions (Million tCO <sub>2</sub> e)	52.36	50.40	44.97	<b>47.90</b>
- Scope 1 (Million tCO <sub>2</sub> e)	50.87	48.87	43.48	<b>46.48</b>
- Scope 2 (Million tCO <sub>2</sub> e)	1.49	1.53	1.49	<b>1.42</b>

In 2022, total GHG emissions under the Equity Share approach is 47.90 Million tCO<sub>2</sub>e, excluding Corporate and Others. A reduction of 10.50 per cent from 2019 levels was recorded for Malaysia operations, while there was an increase of 6.60 per cent for international operations from 2019 levels. This was due to the increase in upstream production as well as new investments.

### Scope 3 Category 11 (Million tCO<sub>2</sub>e) by Operational Control and Equity Share approaches



PETRONAS has started to calculate and disclose Scope 3 GHG emissions for Category 11: Use of Sold Products. PETRONAS has plans to validate the Scope 3 methodology and conduct external verification in subsequent years. Under operational control and equity share approaches, Scope 3 GHG emissions show a 6.09 per cent and 3.99 per cent increase respectively compared to 2021. This is due to the increase in energy demand post-COVID 19 recovery.