

Indirect greenhouse gas emission (Scope 3) ⁽¹⁾	Unit	Y 2019	Y 2020	Y 2021	Y 2022	Target Y 2022
Total indirect GHG emissions (Scope 3)	tons CO ₂ equivalents	27,153,193	26,468,393	26,805,439	33,585,421	-
Cat 1. Purchased Goods and Services	tons CO ₂ equivalents				1,220,964	
Cat 2. Capital Goods	tons CO ₂ equivalents				134	
Cat 3. Fuel-and-energy-related-activities (not included in Scope 1 or 2)	tons CO ₂ equivalents				301,508	
Cat 4. Upstream transportation and distribution	tons CO ₂ equivalents	1,268	1,346	1,573	2,751	
Cat 5. Waste generated in operations	tons CO ₂ equivalents	1,014	0	0	0	
Cat 6. Business travel	tons CO ₂ equivalents				504	
Cat 7. Employee commuting	tons CO ₂ equivalents				NA	
Cat 8. Upstream leased assets	tons CO ₂ equivalents	Not relevant	Not relevant	Not relevant	Not relevant	
Cat 9. Downstream transportation and distribution	tons CO ₂ equivalents				NA	
Cat 10. Processing of sold products	tons CO ₂ equivalents				1,957,987	
Cat 11. Use of sold products	tons CO ₂ equivalents	27,150,911	26,467,047	26,803,866	27,252,444	
Cat 12. End of life treatment of sold products	tons CO ₂ equivalents				1,500,126	
Cat 13. Downstream leased assets	tons CO ₂ equivalents	Not relevant	Not relevant	Not relevant	Not relevant	
Cat 14. Franchises	tons CO ₂ equivalents	Not relevant	Not relevant	Not relevant	Not relevant	
Cat 15. Investments	tons CO ₂ equivalents				1,349,003	

(1) Thaioil Group follows PTT Group's statistical reporting standard that is inline with the WBCSD Greenhouse Gas Protocol