



EMPOWERING ALL TOWARD
INCLUSIVE GROWTH

Example of External Impact of OR's Materiality

2025



Impact 1 - Community Development and Social Collaboration



Cause of the impact from OR's Business: Operations, Products/Services/Supply chain with >50% of business activity

External stakeholder(s)/ Impact area(s) evaluated: Society

Topic relevance on external stakeholders: Creating opportunities for the community and the society, reduce the risk of business causing impacts to the environment, community, and society and opportunity to integrate social activities into every CSR in Process Projects. The initiative project such as Sustainable Coffee Project, CSR projects etc.

External Impacts:

Type of Impact	Output Metric	External stakeholder(s) / impact area(s) evaluated	Impact Valuation	Impact Metric	Reference
Positive	<p>Sourcing coffee beans from the community is one of the important missions under the Sustainable Coffee Project. The project started in September 2014-present. It started with the cooperation (MOU) with the Royal Project Foundation in buying and selling parchment coffee. It has been expanded to cooperation with Sanpalang Social Enterprise Co., Ltd., the Ministry of Agriculture and Cooperatives, and other network agencies in many areas. This sets out OR's commitment to purchase coffee from farmers to use in coffee production at OR's café Amazon stores. Currently, the process of purchasing coffee beans from farmers has been developed using the Fair Trade system via the Kala Web Application to collect information on farmers, planting areas, coffee bean quality, and the amount of coffee beans purchased. This allows for easy and accurate traceability of the purchase and sale data. In addition, farmers who participate in the project will receive knowledge, starting from the planting process, maintenance, harvesting, and processing of coffee products to reach the Café Amazon Standard.</p> <p>Quantitative Output Currently, the project constitutes 8-10% of all coffee beans used by Café Amazon stores. Since 2015-2024, OR has purchased more than 7,000 tons of coffee from over 1,500 farmer groups and communities.</p>	Society	Increase in household-level income: The company follows a fair purchasing approach to provide an alternative for communities and farmers facing price suppression in the market, helping them earn a higher and more equitable income. From 2015 to 2024, OR consistently recorded the annual volume of coffee procured from local communities for use in calculating household income generation	The increase in household-level income from the Sustainable Coffee Project reflects the outcomes of the material topic "Community Development and Social Collaboration." This project has contributed to an increase in household income. During 2015-2024, OR has purchased the coffee beans with fair price for communities, totaling 1,443.43 million baht.	<ul style="list-style-type: none"> The absolute change calculation methodology was used

Impact 2 – Climate Action



Cause of the impact from OR's Business: Products/Services/Supply chain with >50% of business activity

External stakeholder(s)/ Impact area(s) evaluated: Society and Environment

Topic relevance on external stakeholders: Greenhouse gas (GHG) emissions not only increase global warming potential but also including those from improvements to public health and the environment due to better air quality. OR operates the business with various business types. Oil business is one of business that generates the high revenue portion. Therefore, OR supports the environmentally friendly products to sell in the market. The example of low carbon emission oil product such as PERFORMA SYNTHETIC ECO CAR SAE 0W-20 etc.

External Impacts:

Type of Impact	Output Metric	External stakeholder(s)/ impact area(s) evaluated	Impact Valuation	Impact Metric	Reference
Positive	GHG Emission Avoided: GHG emissions 292 tCO ₂ e are avoided by using OR's product "PERFORMA SYNTHETIC ECO CAR SAE 0W-20"	Society	Social cost caused/ avoided: Social Cost of Carbon (SCC). The calculation is based on data from the years 2024 until 2025 April data which products are developed and sold.	Decreased social cost of carbon by GHG emissions avoided, so improvements to public health and the environment due to better air quality by more than 700,000 THB.	<u>Social Cost of Carbon (SCC):</u> <ul style="list-style-type: none"> https://www.rff.org/publications/explainers/social-cost-carbon-101/ https://media.rff.org/documents/SCC_Explainer.pdf
Positive		Environment	Environmental value lost/gained : Global Warming Potential (GWP)	Decreased Global Warming Potential (GWP) by more than GHG emissions avoided of 292 tCO₂e.	<u>Global Warming Potential Impact:</u> <ul style="list-style-type: none"> https://www.epa.gov/ghgemissions/understanding-global-warming-potentials
Negative	GHG Emission: (Scope 1+2) emission 373 tCO ₂ e in Lube Distribution Center	Society	Social cost caused/ avoided: Social Cost of Carbon (SCC). In 2024, the calculation is based on GHG Emission Scope 1+2 of 2024.	Increase social cost of carbon by GHG emission from Scope 1+2. The Social cost of carbon is estimated around 900,000 THB to public health.	<u>Social Cost of Carbon (SCC):</u> <ul style="list-style-type: none"> https://www.rff.org/publications/explainers/social-cost-carbon-101/ https://media.rff.org/documents/SCC_Explainer.pdf

Impact 3 - Community Development and Social Collaboration



Cause of the impact from OR's Business: Operations, Products/Services with >50% of business activity

External stakeholder(s)/ Impact area(s) evaluated: Society

Topic relevance on external stakeholders: Creating opportunities for the community and the society, reduce the risk of business causing impacts to the environment, community, and society and opportunity to integrate social activities into every CSR in Process Projects. The initiative project such as TOGETHER Project: Rak at Nongkung, CSR projects etc.

External Impacts:

Type of Impact	Output Metric	External stakeholder(s)/ impact area(s) evaluated	Impact Valuation	Impact Metric	Reference
Positive	<p>The TOGETHER Project: Rak at Nongkung is a social development initiative by OR that began in 2020 and has been active for five years in Khon Kaen Province, Thailand. Targeting communities near a petroleum depot, the project was built on stakeholder participation to identify and address key local issues. These included environmental challenges such as garbage and polluted water, safety concerns like frequent fires, and economic problems stemming from unemployment and a lack of career development. Through community involvement, the project implemented solutions focused on three main areas:</p> <ul style="list-style-type: none"> • Environmental Management – Promoting participatory waste management. • Economic Development – Creating jobs • Community Safety – Preventing fires by forming a community safety group and installing fire extinguishers. <p>The output from the TOGEHER Project: Rak at Nongkung can be found at https://www.pttor.com/en/sustainability/highlights-of-ors-sustainability-management-and-activities/highlight-community-development-and-social-collaboration</p>	Society	<p>Social Return on Investments (SROI): In 2024, OR has assessed the social return on investment (SROI) for the TOGETHER Project: Rak at Nongkung project, by interviewing external stakeholders and analyzing and assessing social outcomes to calculate the SROI value.</p>	<p>The SROI value from the TOGETHER Project: Rak at Nongkung project represents the outcome from the materiality “Community Development and Social Collaboration”, based on the calculation, the SROI is 1.77 from the data year 2020-2028.</p> <p>The outcome used as references to calculate the Impact metric can be found at https://www.pttor.com/en/sustainability/sustainability-page/Highlight-Community-Development-and-Social-Collaboration</p>	<ul style="list-style-type: none"> • Social Return on Investment (SROI) https://www.socialvaluelab.org.uk/wp-content/uploads/2016/09/SROI-a-guide-to-social-return-on-investment.pdf



**EMPOWERING ALL TOWARD
INCLUSIVE GROWTH**

OR เติมเต็มโอกาส เพื่อทุกการเติบโต ร่วมกัน

*Harnessing OR
competencies to support,
fulfill, and elevate*

*Sustainable growth
with Living Community,
Healthy Environment, and
Economic Prosperity*

*Moving forward with
strong determination and
leaving no one behind*

*6 groups of
OR stakeholders*