



Joint Study "Contribution of Vegetable Oils Towards Sustainable Development Goals: A Comparative Analysis"

The full joint study can be accessed here: <https://tinyurl.com/kajianVO>

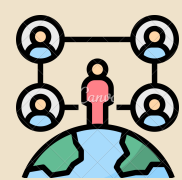


Provide evidence
on the contribution
of Vegetable Oils to
the SDGs

Measuring 9 SDGs, with 3
aspects of sustainable
development:



Economic



Social



Environmental

Provide a comparative analysis
of 4 major vegetable oils:



Palm Oil



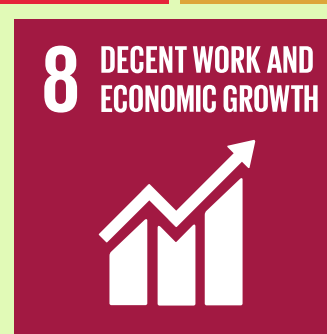
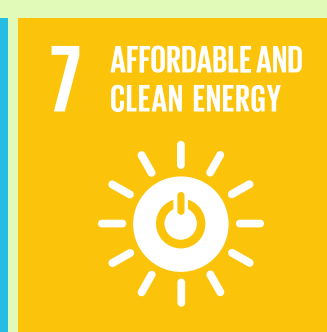
Soybean oil



Sunflower
Oil



Rapeseed oil



Vegetable Oil Producing Countries



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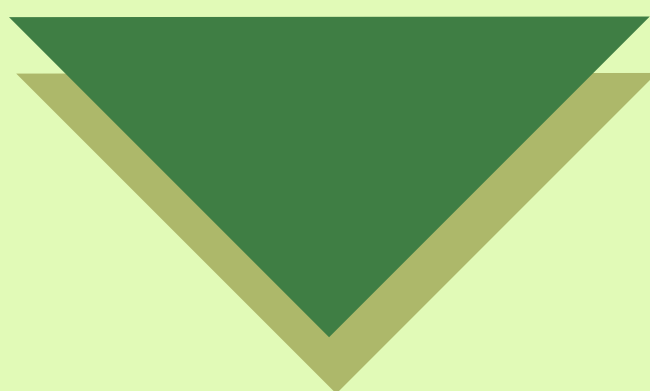


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CONTRIBUTION OF VEGETABLE OILS TOWARDS SDGs

All vegetable oils contribute
to the SDGs



Top Contributors to SDGs

1 NO POVERTY 	Palm oil Rapeseed oil Soybean oil	6 CLEAN WATER AND SANITATION 	Palm oil Rapeseed oil Soybean oil	12 RESPONSIBLE CONSUMPTION AND PRODUCTION 	Sunflower oil Palm oil Soybean oil
2 ZERO HUNGER 	Palm oil Soybean oil Sunflower oil	7 AFFORDABLE AND CLEAN ENERGY 	Palm oil Rapeseed oil Sunflower oil	13 CLIMATE ACTION 	Palm oil Soybean oil Sunflower oil
3 GOOD HEALTH AND WELL-BEING 	Soybean oil Palm oil Sunflower oil	8 DECENT WORK AND ECONOMIC GROWTH 	Palm oil Soybean oil Rapeseed oil	15 LIFE ON LAND 	Palm oil Sunflower oil Rapeseed oil

The way forward

Establish equal treatment
for all vegetable oils

Propose the Voluntary
Guidelines on vegetable
oils

Ensure the sustainable
production of vegetable oils
to fulfill the global demand



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IMPACT OF VEGETABLE OILS TO THE ENVIRONMENTAL AND ECONOMIC ASPECTS

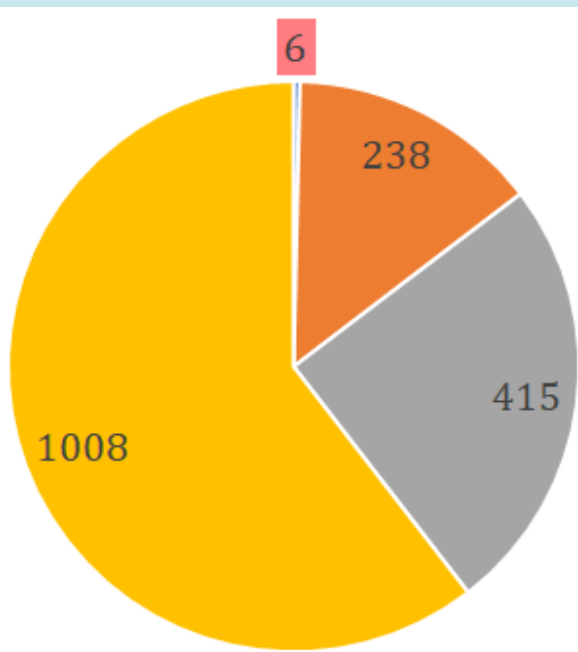
Environmental Aspects

Indicator: Water user efficiency

6 CLEAN WATER AND SANITATION



Measurement:
Liters of freshwater per kilogram



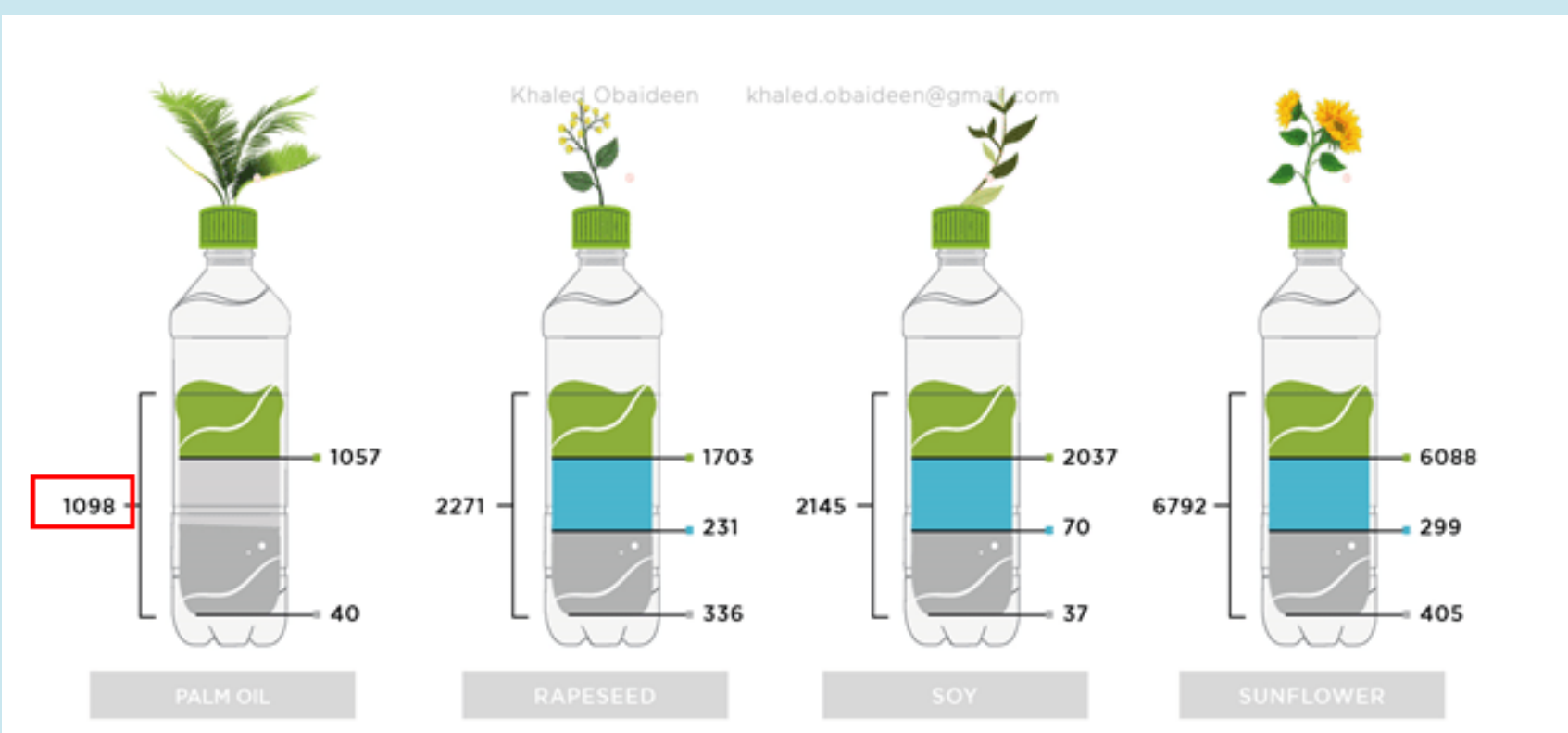
■ Palm oil ■ Rapeseed oil ■ Soybean oil ■ Sunflower

Indicator: Water use efficiency

6 CLEAN WATER AND SANITATION



Measurement:
Global Average water footprint (m3 ton-1)



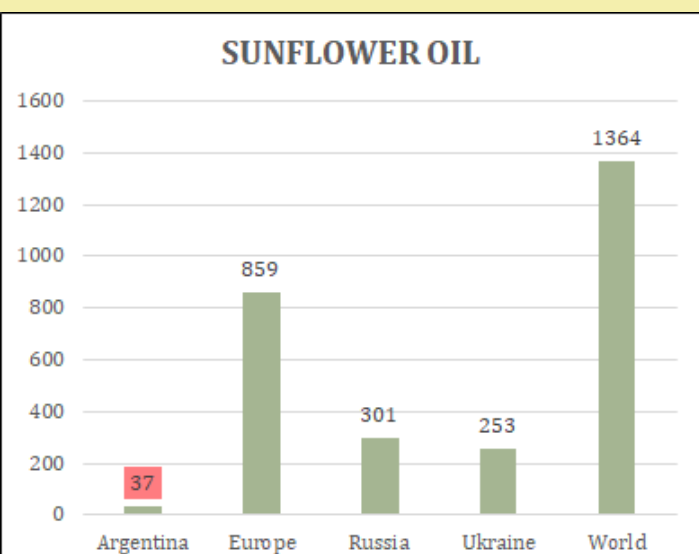
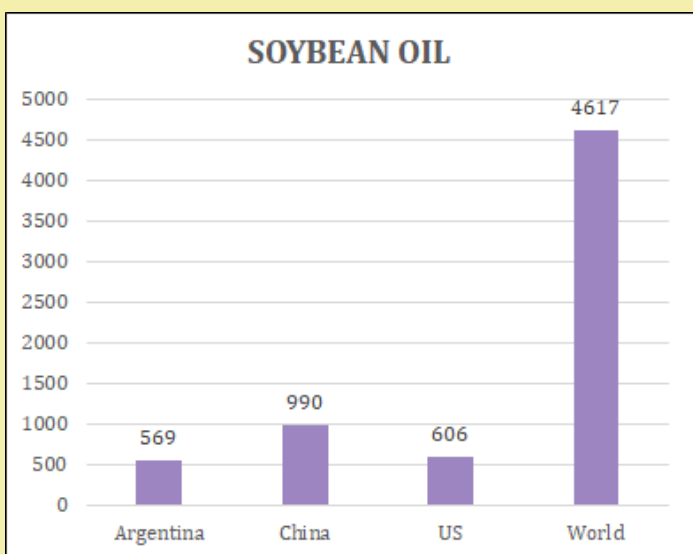
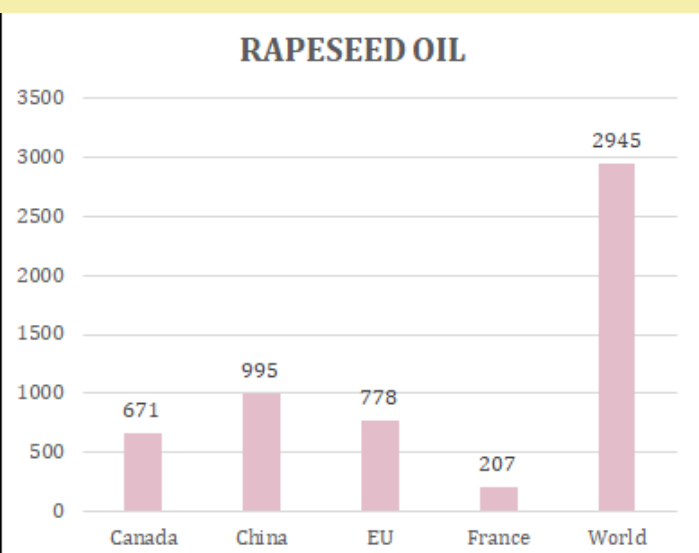
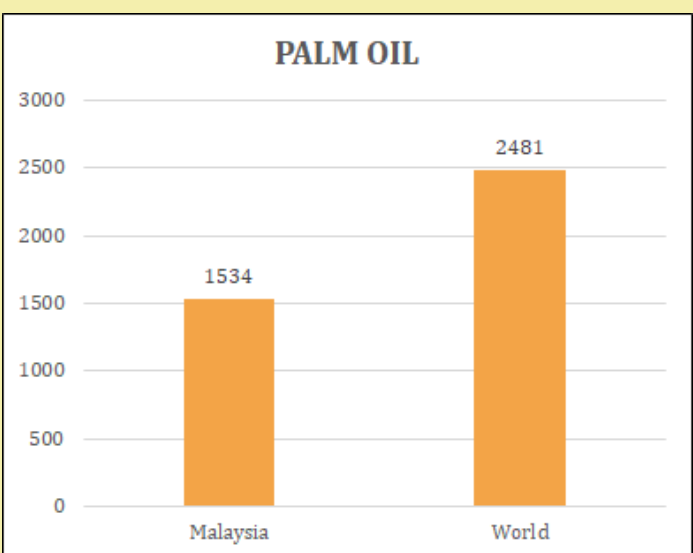
Environmental & Economic Aspects

Indicator: Food waste

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Measurement:
Total losses in tones



Indicator: Water use Efficiency

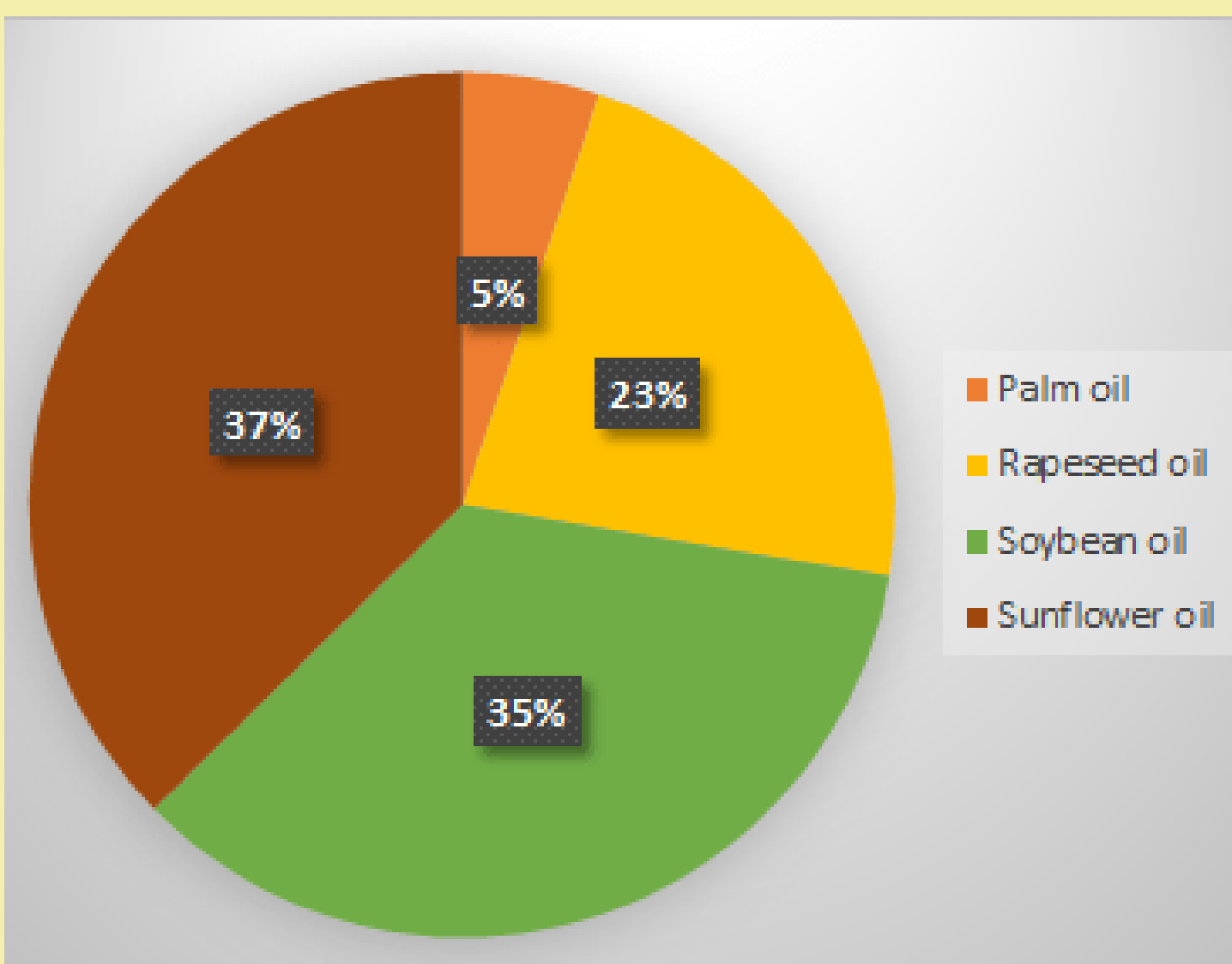
12 RESPONSIBLE CONSUMPTION AND PRODUCTION



15 LIFE ON LAND



Measurement:
Land use per kilogram (m2 per kg)



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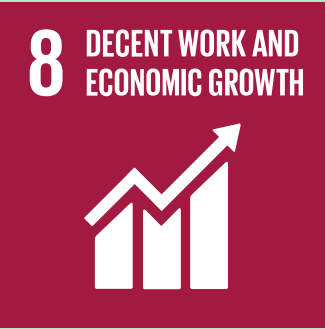


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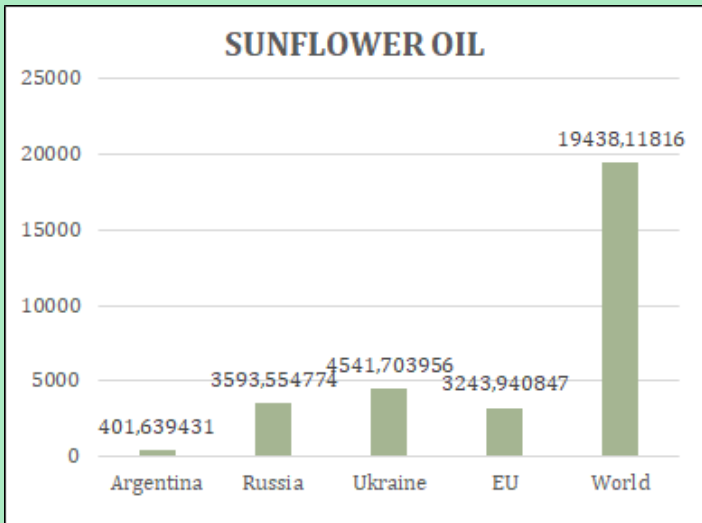
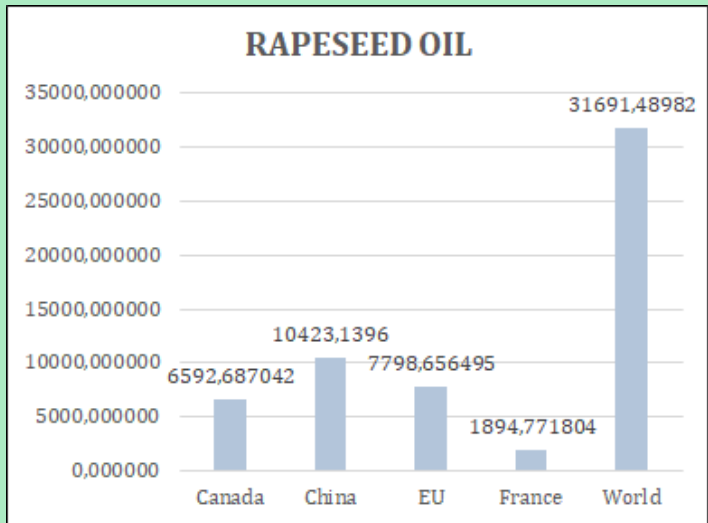
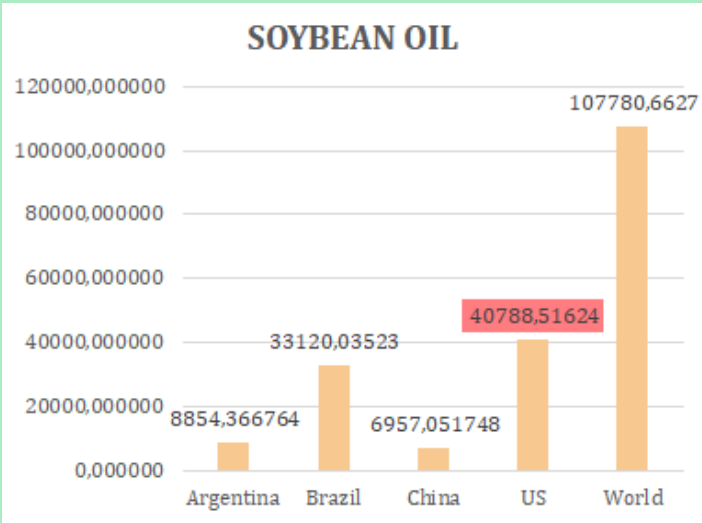
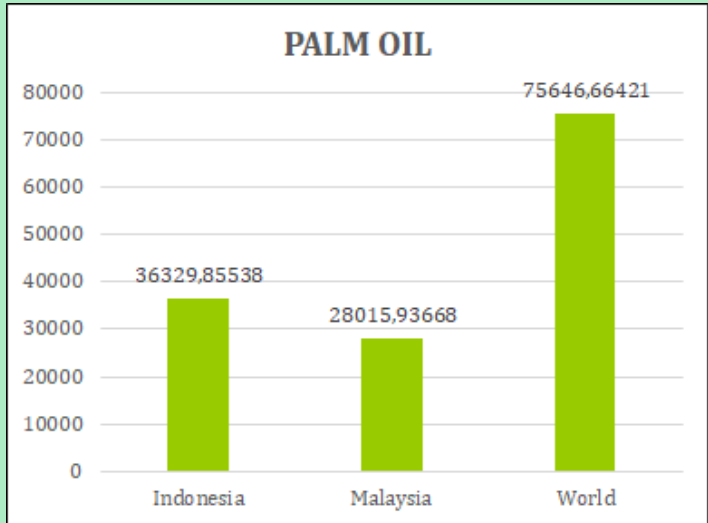
IMPACT OF VEGETABLE OILS TO THE SOCIAL AND ECONOMIC ASPECTS

Social & Economic Aspects

Indicator: Value of Agricultural Production



Measurement:
Gross production value
(current million US\$)

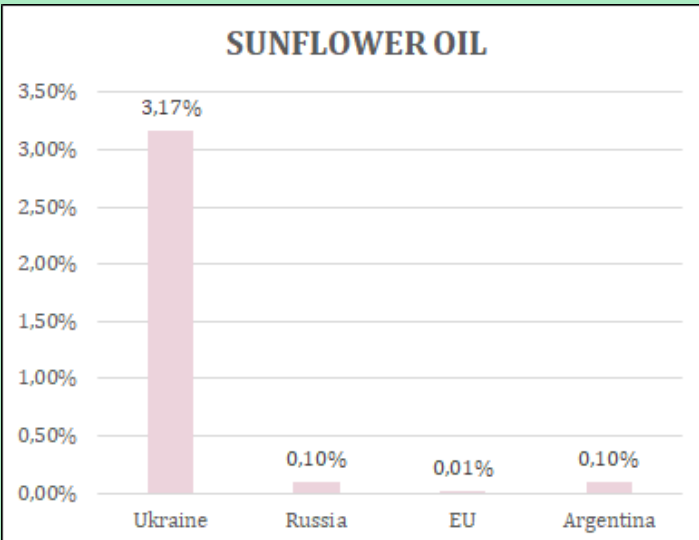
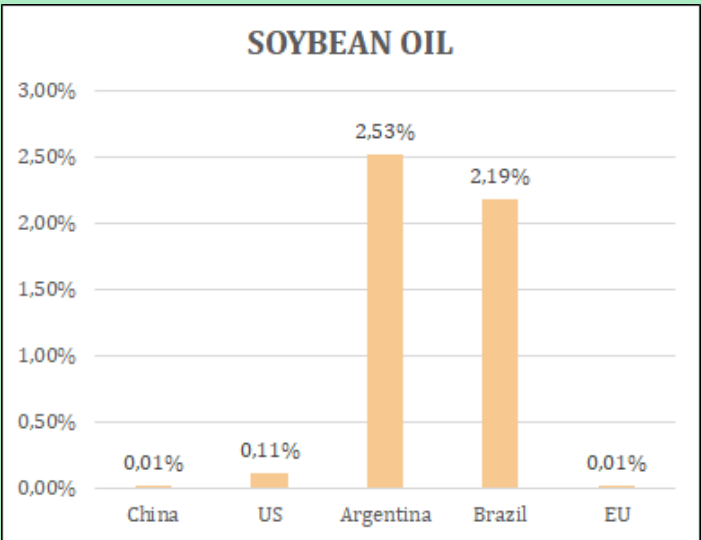
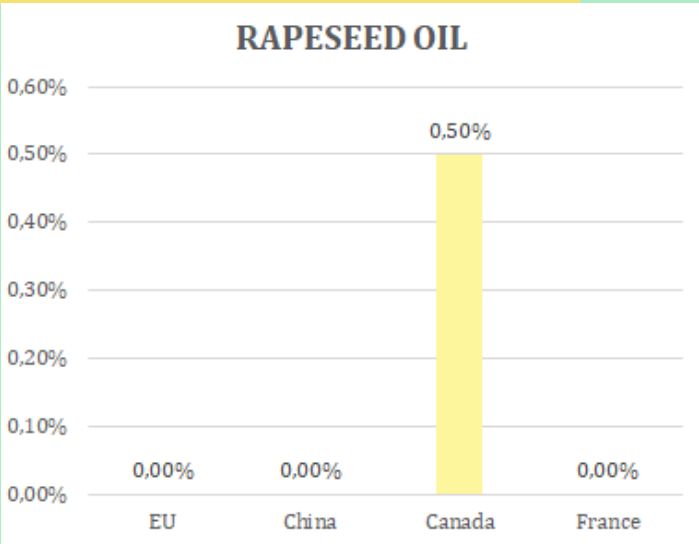
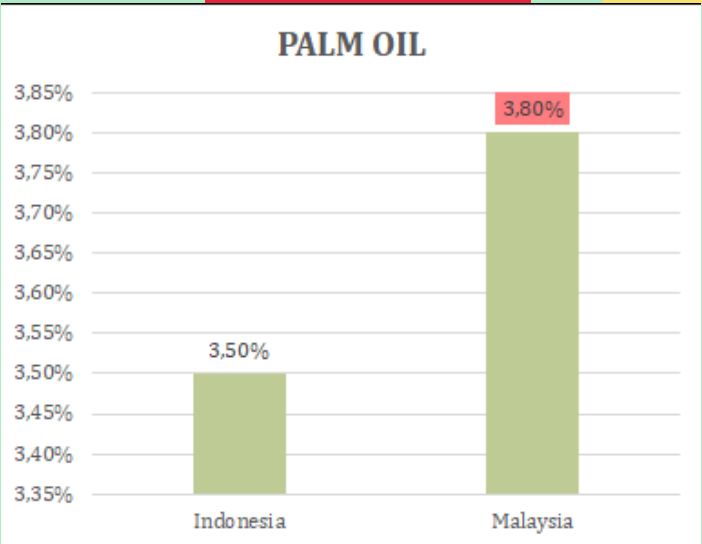


Social & Economic Aspects

Indicator: No Poverty

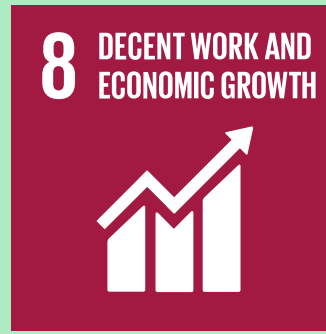


Measurement:
Contribution to GDP
(%)

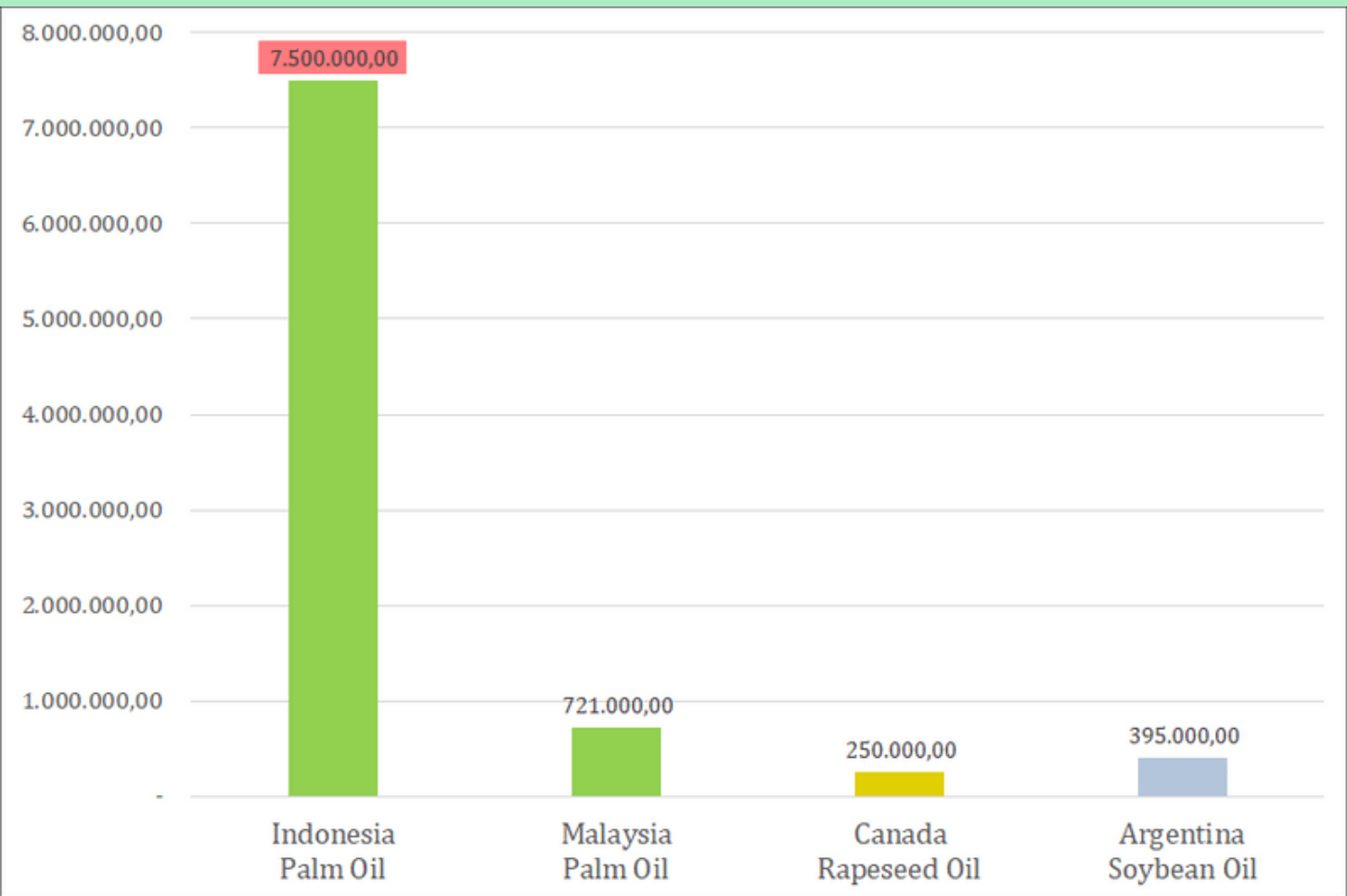


Social & Economic Aspects

Indicator: Job creation

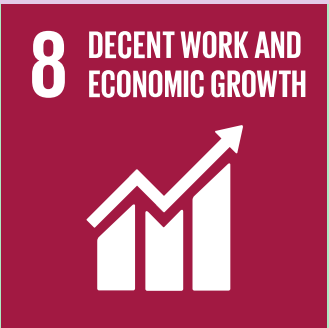


Measurement:
Total number of jobs
created

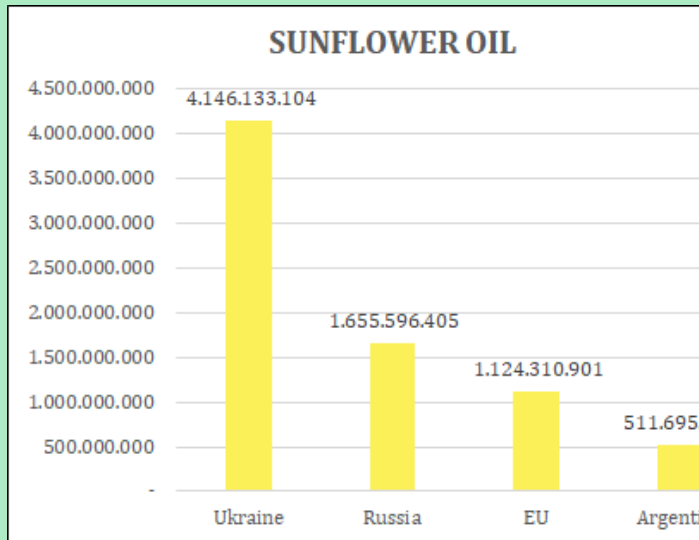
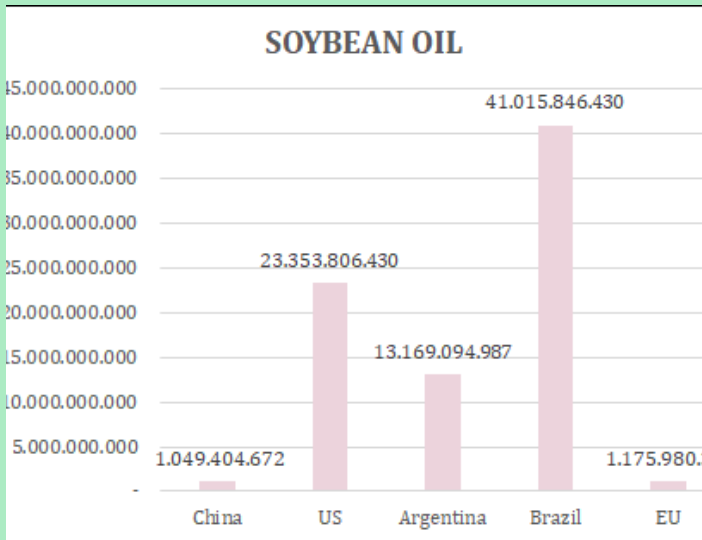
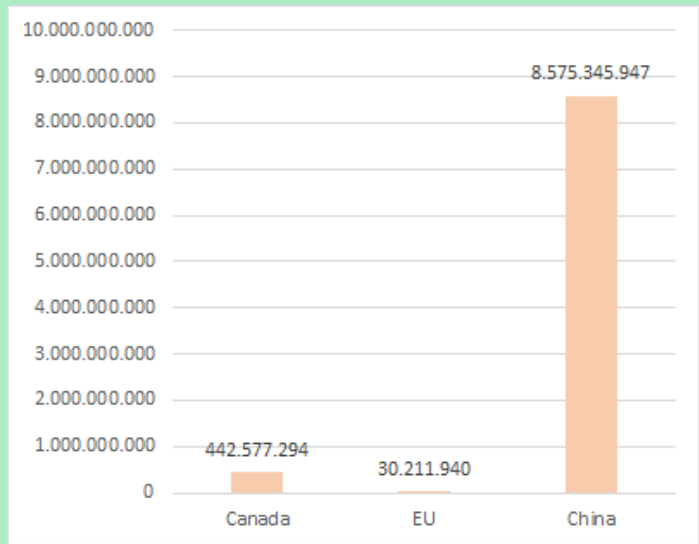
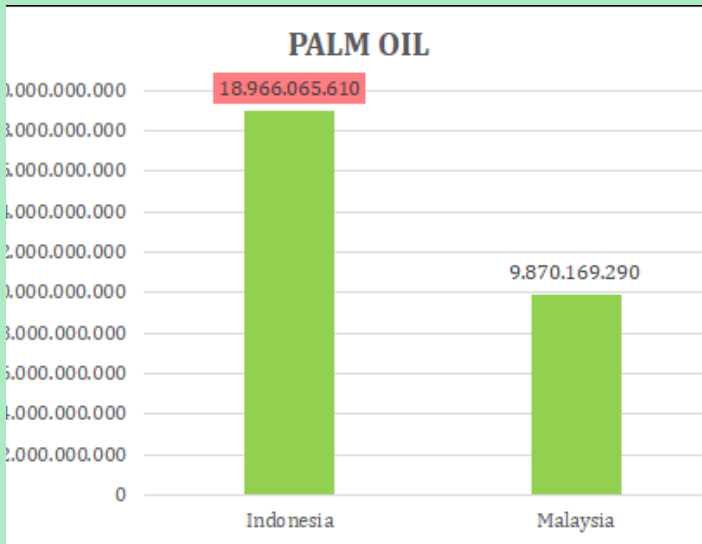


Social & Economic Aspects

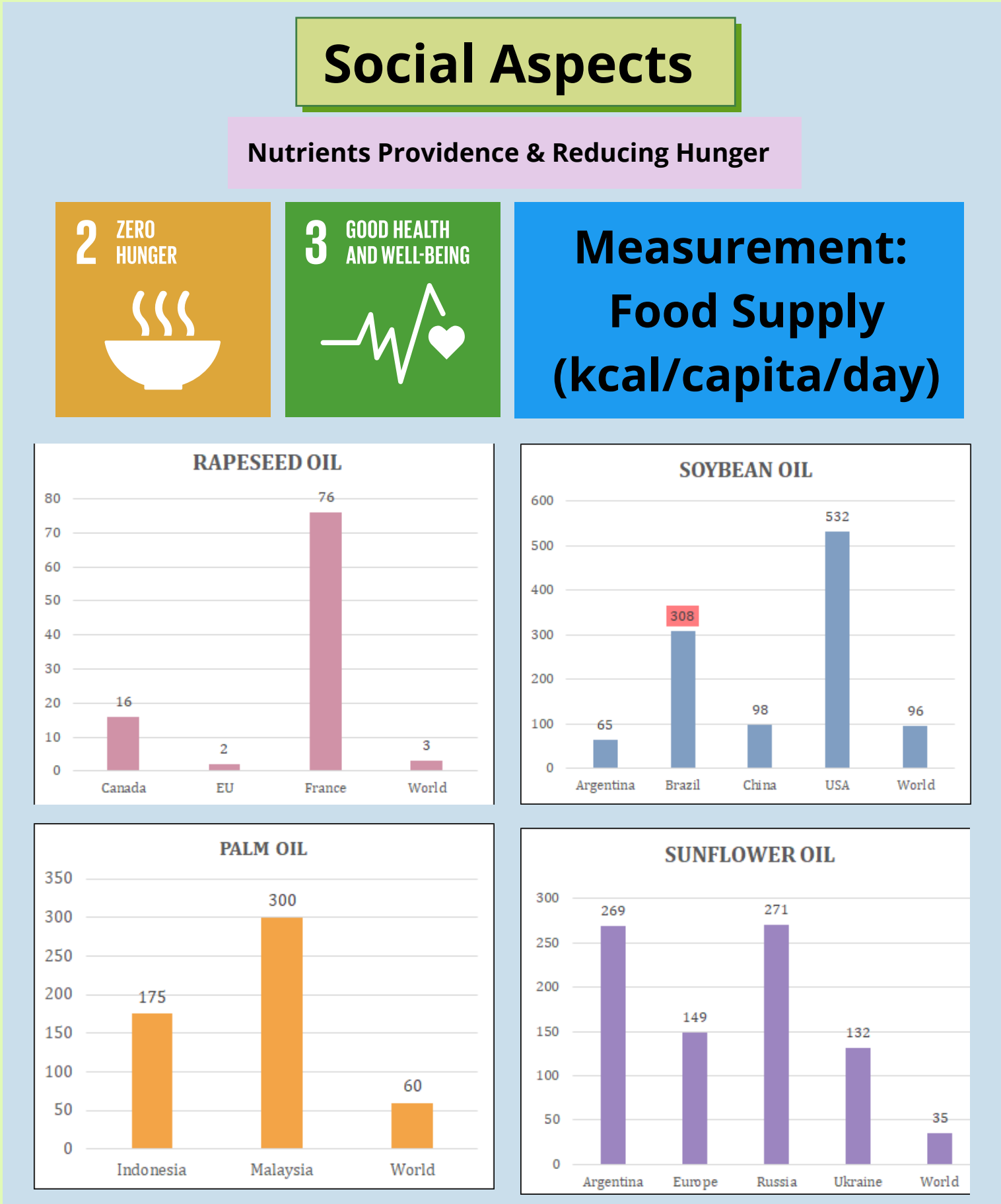
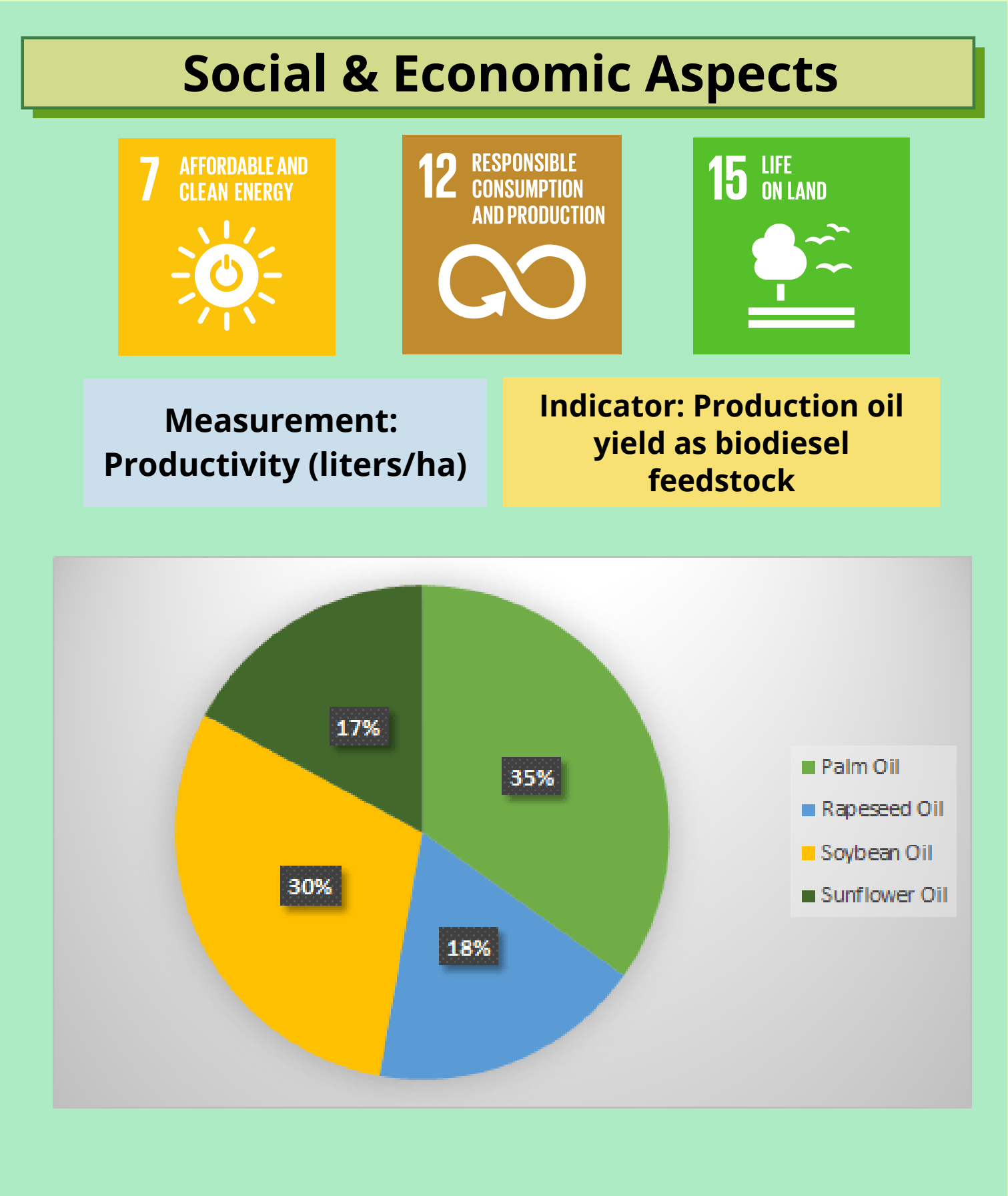
Indicator: Contribution of the commodity to the economy



Measurement:
Contribution of the
commodity to the economy
in US\$



IMPACT OF VEGETABLE OILS TO THE SOCIAL AND ECONOMIC ASPECTS



Source of Data:
FAO, United States
Department of Agriculture,
Journals, & Academic
Studies