



Emery Oleochemicals
SUSTAINABILITY REPORT
2018-2020 Update

Responsibly sourced.
Innovatively developed.
Uniquely **Emery Oleochemicals.**

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About Emery Oleochemicals

Headquartered in the United States of America, we trace our sustainability heritage to our company's founding over 180 years ago when our first oleochemical products were created to make candles.

Today, as a global leader in natural-based specialty chemicals, Emery Oleochemicals is committed to Creating Value for our stakeholders around the world by leveraging business processes that are guided by our vision, core values and international compliance standards.

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Vision & Mission

To Become A World Leader In Value-added, Natural-based Chemicals

Our vision “**To Become A World Leader In Value-added, Natural-based Chemicals**” was formed to meet the goal of achieving sustainability, going beyond the traditional measures of financial profitability. We have our sights set on a broader horizon and we strive to make positive impacts by creating value with our existence in more ways than just providing sustainable products to the marketplace.

Taking advantage of opportunities throughout our entire supply chain – from feedstock procurement to product manufacturing, and thereafter, Emery Oleochemicals provides both immediate benefits as well as far-reaching influence on long-term global sustainability.

Supported by our four core values – “**Competitive Advantage, Innovation, Partnership and Trust**” – exemplified by our employees

around the world, we pursue a sustainable future through our daily operations. By focusing on our core values combined with established business governance, we can ensure our company operates responsibly.

Core Values



**COMPETITIVE
ADVANTAGE**



INNOVATION



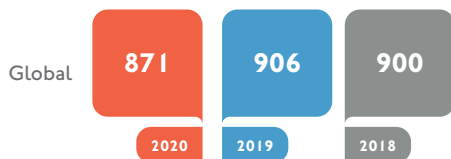
PARTNERSHIP



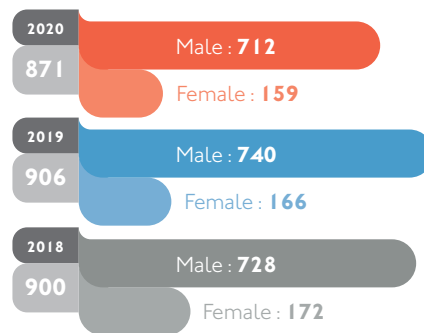
TRUST

Facts & Figures

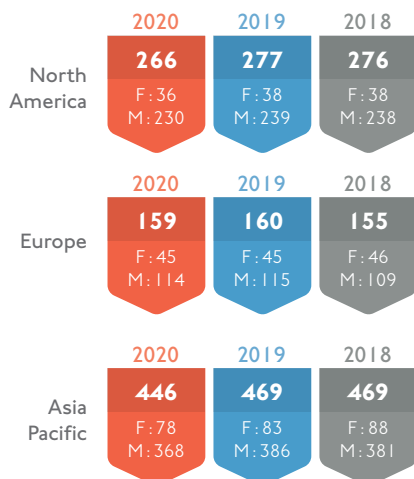
Total Workforce



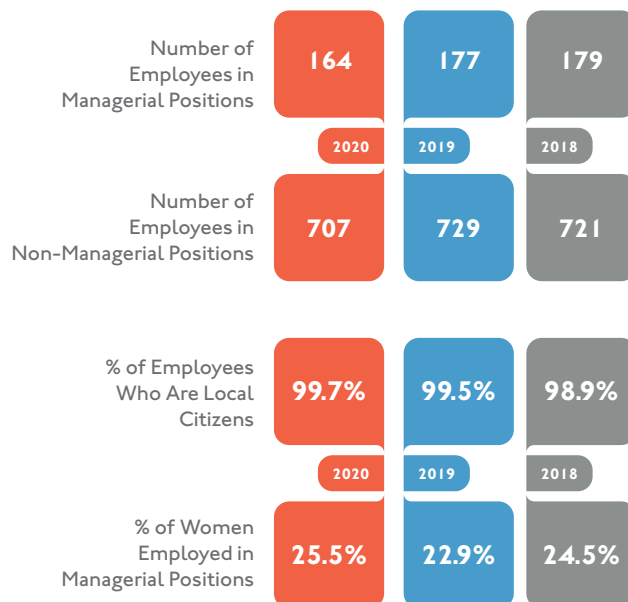
Workforce By Gender



Global Workforce By Region



Workforce By Other Demographics



Our Sustainability Agenda

Vision: Act Sustainably

Emery Oleochemicals' vision is to become a world leader in natural-based chemicals, and to achieve this, our solutions are the outcome of avid research and development, while our overall operations are guided by stringent industry regulations. As we continue to advance the science of specialty chemicals, we remain mindful of how our products and operations impact the environment, society and the economy.

We believe that this will allow us to maintain business viability while still preserving the world for generations to come.

This is our sustainability vision: **to grow and create value by acting sustainably to achieve planet habitability, people prosperity and financial profitability.**

OUR SUSTAINABILITY PILLARS	 Being a Preferred Partner to create, nurture and maintain strategic partnerships with key stakeholders to meet and advance sustainability agendas.	 <p>The infinity symbol of our “Act Sustainably” logo represents the continuous innovation to meet the needs of today without compromising the needs of the future through creation of responsible products leveraging a sound business approach. Representing the environment, society and the economy, where the three coloured bands converge is where we want to be: the equilibrium in balancing habitability, prosperity, and profitability.</p>
	 Future-Proofing Our Environment to respect and protect the environment and biodiversity around us and strive to continuously reduce our ecological footprint.	
	 Embedding Sustainable Supply Chains to transition sustainable practices into an efficient and responsible supply chain management system.	
	 Ensuring Sustainable Product Stewardship to offer products that protect environmental and societal interest while contributing to profitability.	

PROFITABILITY

HABITABILITY

PROSPERITY

OUR SUSTAINABILITY DASHBOARD

2018 – 2020 UPDATE

PROSPERITY

HABITABILITY

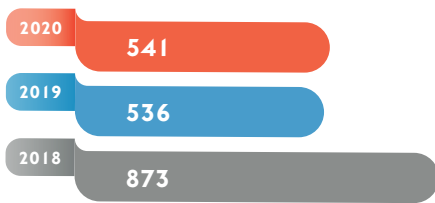
PROFITABILITY

Habitability

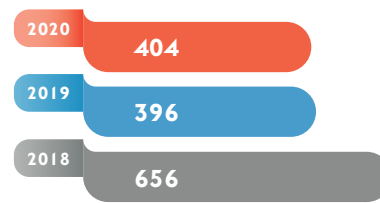
Emery Oleochemicals' business is driven by our understanding that tomorrow's world will be shaped by all that we do today. Therefore, we focus on sustainably managing our resources to meet present needs without compromising that of the future. Our commitment to maintaining planet habitability allows us to simultaneously preserve economic prosperity, environmental stewardship and social consciousness while still ensuring business viability.

ENVIRONMENTAL

Materials Used By Weight



Total estimated weight of materials used ('000 mT)



Total estimated weight used that are recycled/renewable input materials ('000 mT)

Energy Consumption Within The Organization

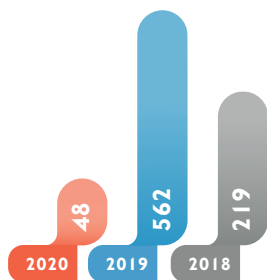
Total fuel consumption from non-renewable sources



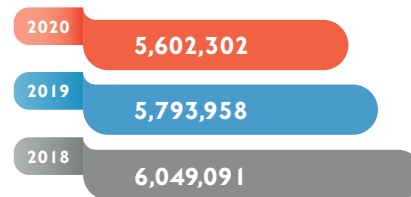
Natural Gas ('000 m³)



Electricity ('000 kWh)



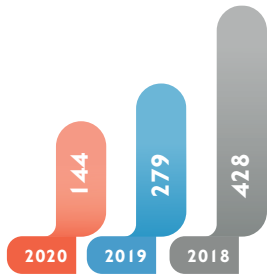
Light fuel oil or Kerosene [Diesel or Gasoil] ('000 liters)



Total fuel consumption from non-renewable sources in giga-joules (GJ)

Energy Consumption Within The Organization

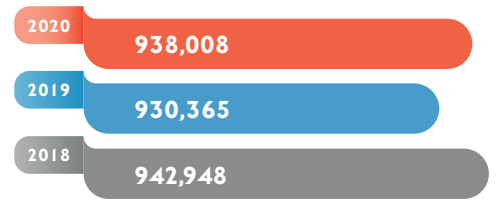
Renewable sources energy consumption within organization



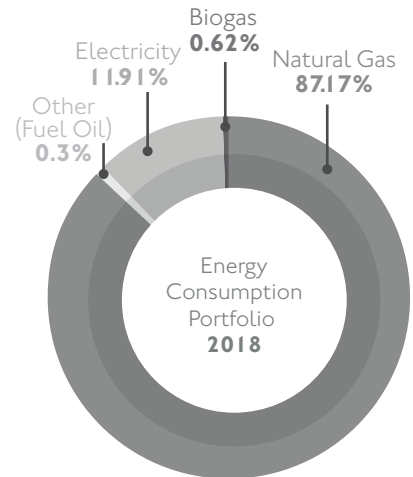
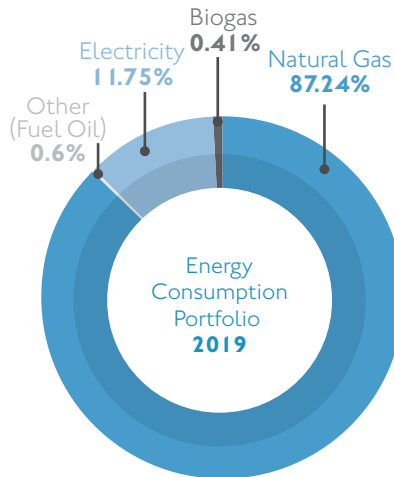
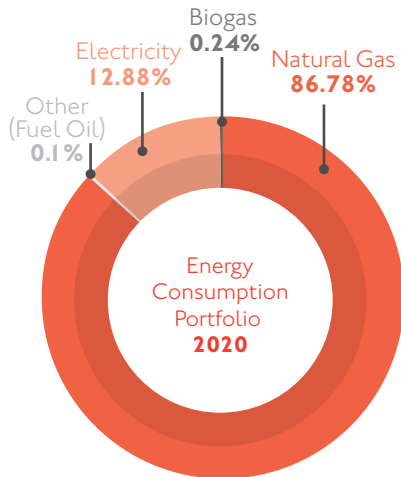
Total fuel consumption from renewable sources ('000 Nm³)



Renewable energy, Biogas/ Biomass (GJ)



Total energy consumption ('000 kWh)

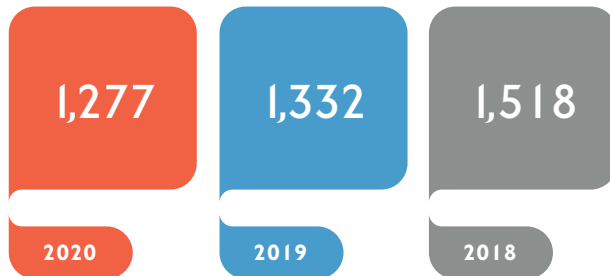


Total Water Withdrawal By Source ('000 M³)

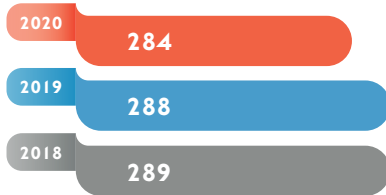
Total ('000 m³)



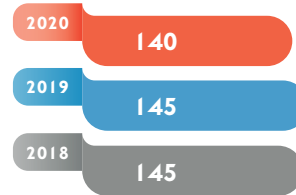
Ground Water ('000 m³)



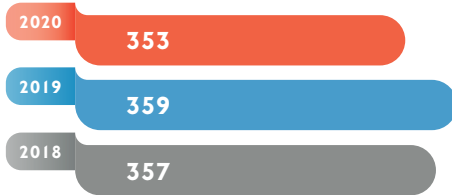
Emissions ('000 TCO₂)



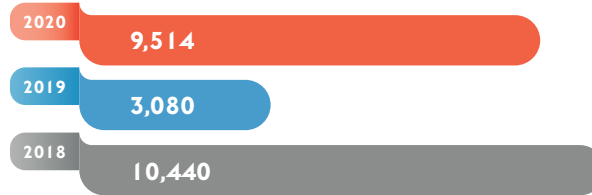
Direct Greenhouse Gas (Ghg) Emissions (Scope 1)
(CO₂, HFC, PFC, NO_x) ('000 tCO₂)



Energy Indirect Ghg Emissions (Scope 2)
('000 tCO₂)

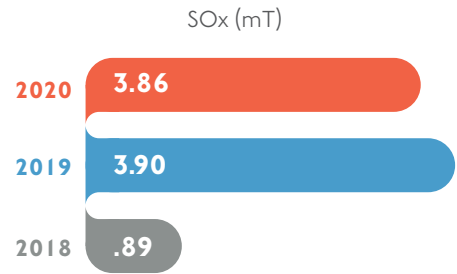
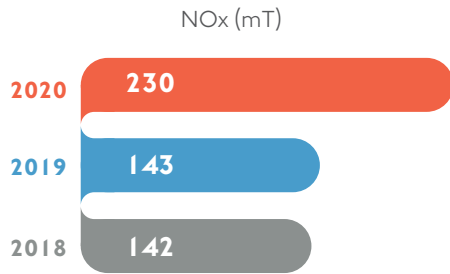


Total Ghg Emissions
('000 tCO₂)

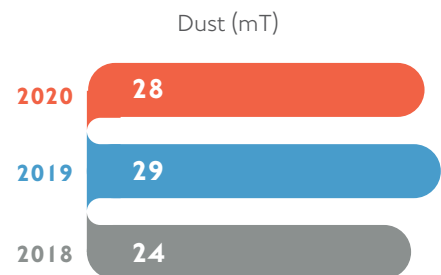
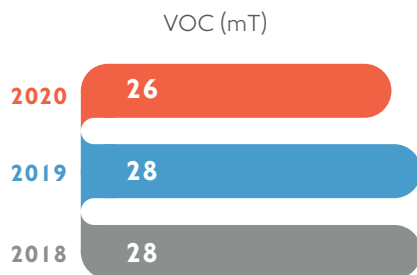


Amount of Ozone -
Depleting Substances (kg)

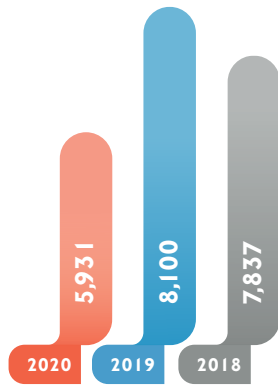
NOx, SOx and Other Significant Air Emissions



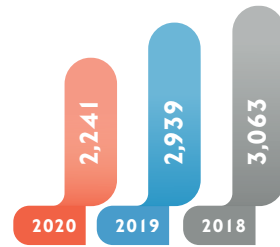
HFC/PFC (mT)



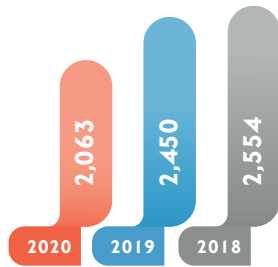
Total Water Discharge By Quality and Destination



Chemical Oxygen Demand (mT)



Biological Oxygen Demand (mT)

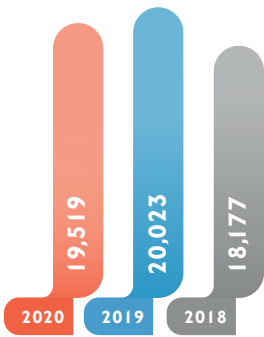


Treated Wastewater ('000 m³)

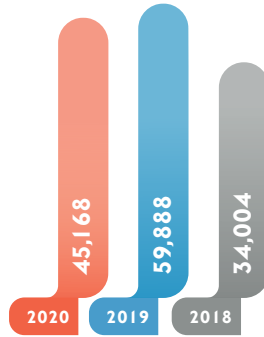


Untreated Wastewater ('000 m³)

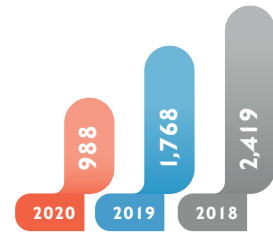
Total Weight Of Waste By Type And Disposal Method



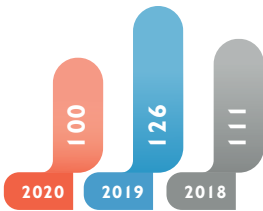
Total General Waste Generated (mT)



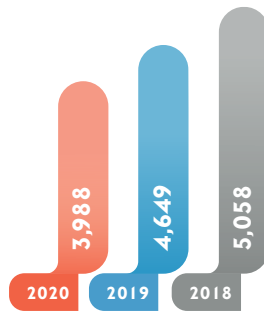
Total General Waste Recycled (mT)



Total Hazardous Waste Disposed (mT)



Total Hazardous Waste Recycled (mT)



Non-Hazardous Waste To Landfill (mT)

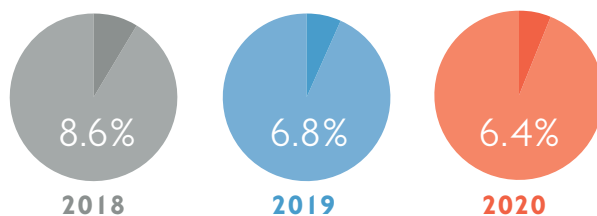


Amount of Energy Produced from Biogas (kWh)

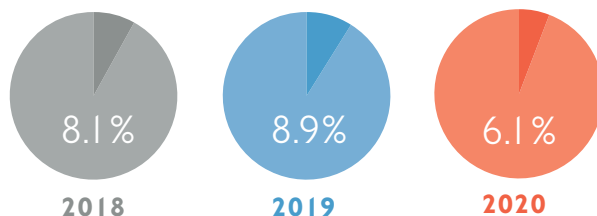
Prosperity

We understand that the long-term success of our company is dependent upon our employees. Therefore, Emery Oleochemicals focuses on the well-being of our employees by providing important health care benefits, fair compensation and professional development / ongoing safety and skill training opportunities to create empowered employees and achieve a meaningful and safe work environment.

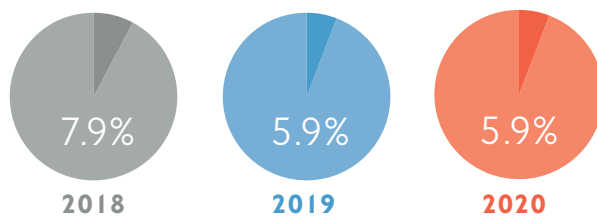
Employee Attrition



Total workforce attrition

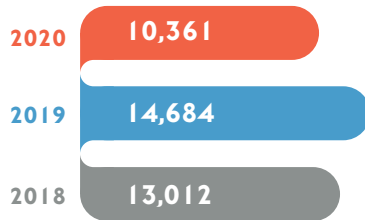
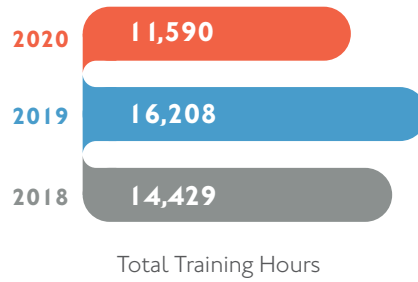


Female workforce attrition

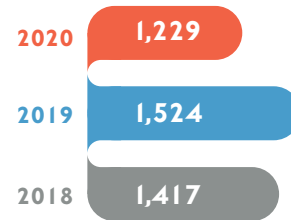


Male workforce attrition

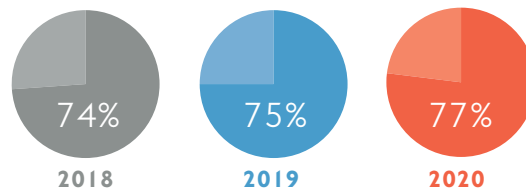
Training & Development



Total Training Hours for Staff (Non-managers)

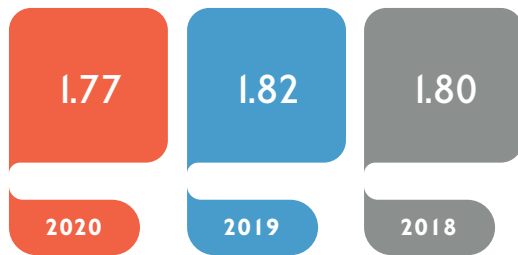


Total Training Hours for Managers

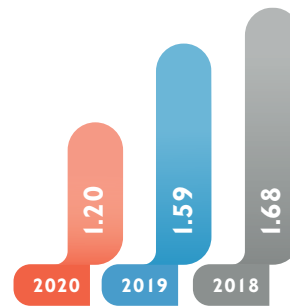


Percentage of Employees with Regular Performance and Development Plans

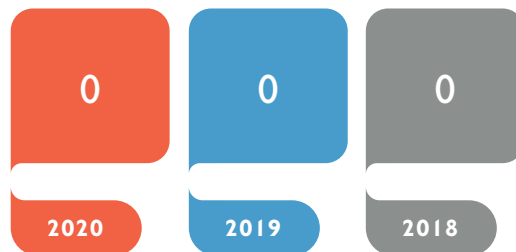
Health & Safety



Worked Hours (in millions)



Total Recordable Injury Rate (TRIR)
Number of injuries per 100 employees



Work-Related Fatal Accidents

Profitability



Emery Oleochemicals 2020 Total Revenue in USD'000

North America
\$232,682

Asia Pacific
\$185,371

Europe
\$107,755

Global
\$525,808

Ownership & Legal Form

Emery Oleochemicals is a 50:50 joint venture between PTT Global Chemical Public Company Limited (GC) and Sime Darby Plantation (SDP).



Emery Oleochemicals' leadership team oversees our global presence through regional offices in Europe and Asia Pacific, and from our worldwide headquarters in the USA.

WEBSITE

For more information about our company, our sustainability priorities, our policies and the awards we've received, please visit our corporate website at:

www.emeryoleo.com

We also welcome any inquiries on this report or our Act Sustainably journey through email at :

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