

Corporate carbon footprint for strategic planning

Objective

With a mission for quality and excellence in the flavourings industry, FONA was motivated to measure the environmental performance of its operations in order to:

- Improve environmental performance where it's most needed
- Relay the results to clients for integration in their own sustainability reporting
- Establish quantitative basis for public disclosure through the Global Reporting Initiative and other platforms

Quantis

Quantis Solution

Calculate a corporate carbon footprint of FONA facilities which can be reported to FONA's customers as well as publicly, in alignment with a modified version of the WRI/WBCSD GHG Protocol standards for reporting carbon emissions:

Scope1: emissions occurring within FONA facilities

Scope2: emissions occurring at electricity generation plant

Scope3: emissions associated with purchased ingredients and everything else

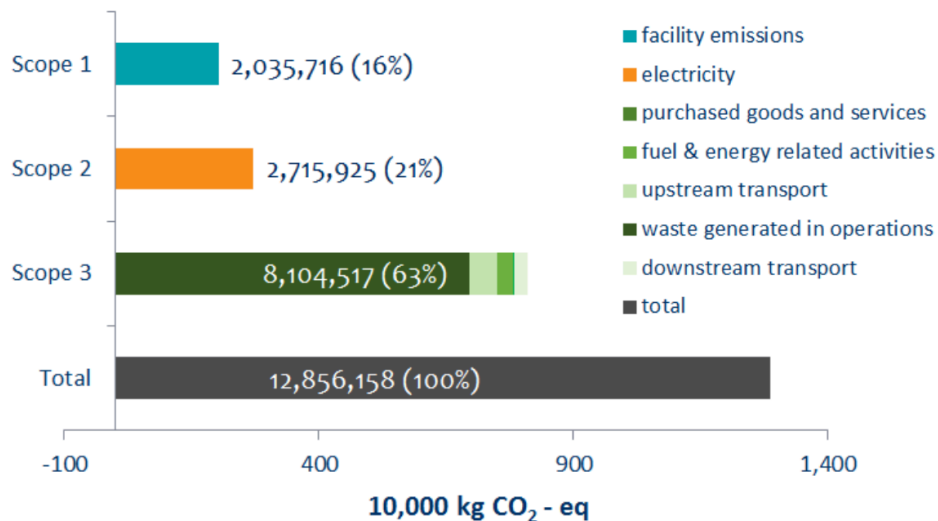
“The desire to engage in environmental reporting stemmed from FONA’s strong, core values: doing the right thing, pursuing excellence, and thinking forward. We simply needed guidance and expertise to get on the right path, and that’s where Quantis fit in.”

Terry Emmel

Vice President and
General Manager, FONA



Results



- Total annual GHG emissions are equivalent to those emitted annually by 2,520 passenger cars or by the production of electricity to power 1,600 homes
- Scope 3, especially purchased goods and services, plays a key role in overall carbon footprint

Key findings

- A handful of ingredients contribute to the majority of carbon impact
- Scope 1 and 2 impacts are also important; Scope 1 emissions may be easiest for FONA to control
- Despite the global nature of FONA’s supply chain, transport contributes a relatively small portion of the total footprint

Client’s actions

- Substitute high-impact ingredients with more sustainable ones
- Relay results to customers for use in their supply chain sustainability reports
- Partner with key customers to develop winning sustainability solutions
- Align with Carbon Disclosure Project, Global Reporting Index, and The Sustainability Consortium reporting efforts
- Initiate the development of the first Product Category Rule for flavoring products