



GAIA FOOTPRINT – CARBON FOOTPRINT OF AN ORGANISATION

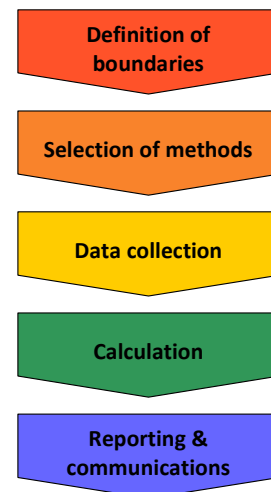
Carbon footprint calculation effectively helps to identify and manage the climate impact of an organisation. The calculation results can be exploited in environmental reports as well as to build an environmentally positive corporate image. Reducing climate impacts often leads to savings, for instance through more efficient energy use or logistics. In recent years, carbon footprint has become a central indicator promoting responsible business development. At Gaia, organisation’s carbon footprint is calculated reliably with high expertise.

Scope of the calculation

The carbon footprint can be calculated for offices or production plants, consolidated companies or supply chains. The outlining for the calculation is done so that the results illustrate a true and sufficiently accurate picture of the climate impacts of the chosen object.

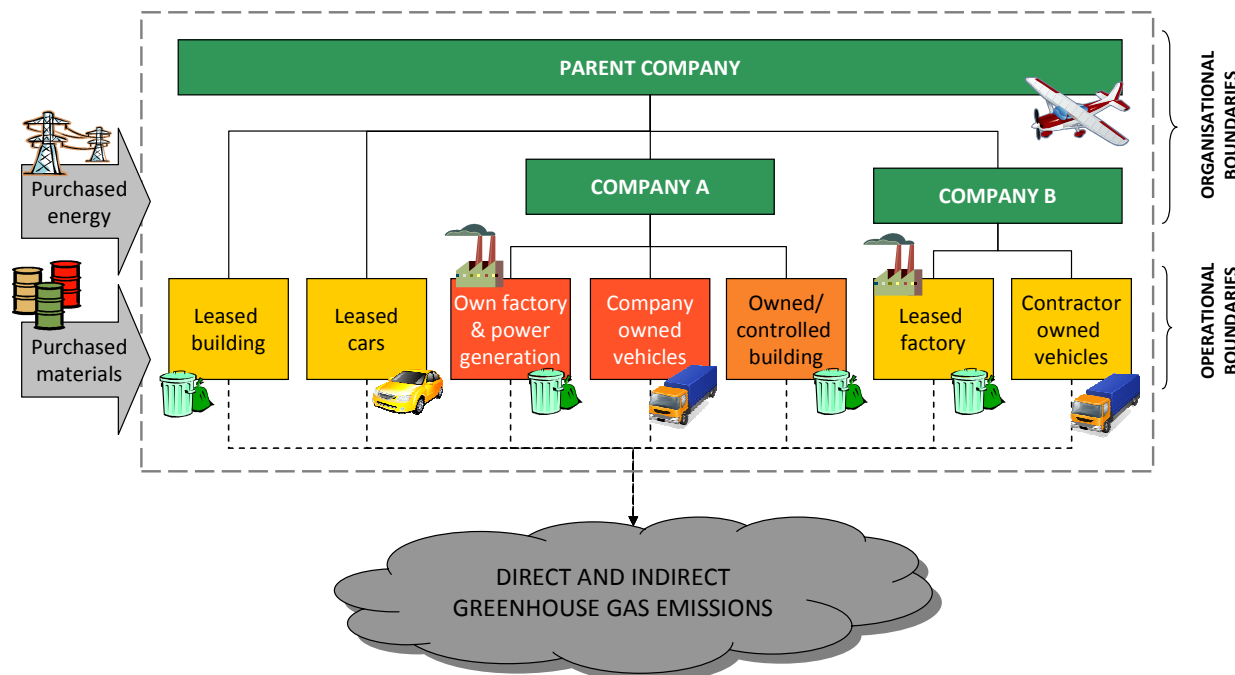
The emission sources taken into account in the assessment can include:

- electricity consumption,
- heat consumption,
- fuel consumption,
- logistics,
- business travel,
- waste and waste logistics,
- consumption of relevant materials and
- water consumption.



Steps for the carbon footprint assessment for organisations

1. Definition of the boundaries and methods for the calculation with the client. The method is chosen based on transparency and generally accepted international practice. For instance, to assist the calculation the internationally popular Greenhouse Gas Protocol can be used, which has been developed by the World Resources Institute and World Business Council for Sustainable Development.
2. Selection of emission factors that best describe the organisation’s true emissions (sector, operations, location etc.).
3. Collection of calculation data.
4. Calculation of the carbon footprint. The utilisation of the same calculation template for future years is enabled, if desired.
5. Reporting of the calculation results to the client in a concise and easy-to-use form.
6. Communication of the results to client’s personnel and any possible stakeholder groups defined by the client.
7. If desired, Gaia helps choosing a suitable partner in cooperation to carry out carbon footprint compensation.



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*Innovative Solutions
for Sustainability*

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*You will find the presentation
of our staff, and their contact
information, at www.gaia.fi*

Gaia provides innovative and cost-effective solutions for sustainability

Gaia serves corporations, international organisations, and private and public institutions looking for innovative solutions for sustainability. Our areas of expertise include energy, climate change and environment, as well as risk management and innovation. We have an extensive track-record of delivering high quality and cost-effective results to our private and public sector clients. Gaia is based in Finland, Switzerland and China.

Within the last ten years, Gaia has conducted over 100 projects on energy and climate. Gaia has a wide experience on climate politics and mitigation and carbon footprint accounting for organisations, products and municipalities.

We provide our clients with profound and multi-disciplinary know-how, and a cross-sectoral approach to their challenges. We combine extensive client experience across industries and fields of public sector with deep understanding of the challenges of, and solutions to sustainability.