

# Carbon Footprint Report

Organization Name: IT Company

Industry: IT Services

Number of Employees: 500

## Metrics

Electricity Consumption (Euros/month): 2000.0

Natural Gas Consumption (Euros/month): 1000.0

Fuel Consumption (Euros/month): 500.0

Waste Generated (kg/month): 200.0

Recycling Rate (%/month): 25.0

Business Kilometers (km/year): 1000.0

Fuel Efficiency (L/100km): 20.0

## Results

Energy Emissions (kgCO<sub>2</sub>): 13995.60

Waste Emissions (kgCO<sub>2</sub>): 768.00

Travel Emissions (kgCO<sub>2</sub>): 115.50

Total Emissions (kgCO<sub>2</sub>): 14879.10

## Overall Carbon Emissions Recommendations

Recommendation: Our carbon footprint calculator has concluded that your organization generates a high number of KG of CO<sub>2</sub> each month. Take steps to reduce it.

- Adopt circular economy principles by reusing and recycling resources.
- Commit to environmental certifications, such as ISO 14001, to formalize sustainability efforts.

- Share sustainability achievements transparently to inspire stakeholders and peers.

## **Recommendations for each of the items**

Electricity Consumption: 2000.0

Recommendation: Your electricity consumption is high. Take measures to reduce it.

- Perform an \*energy audit\* to identify high-consumption areas.
- Invest in renewable energy sources like solar panels.
- Turn off devices and lights when not needed.

Natural Gas Consumption: 1000.0

Recommendation: Your gas consumption is high. Take action to save energy.

- Consider alternative heating solutions.
- Improve insulation to retain heat longer.
- Inspect for potential gas leaks.

Fuel Consumption: 500.0

Recommendation: Your fuel consumption is high. Take steps to reduce it.

- Consider transitioning to \*electric or hybrid vehicles\* to reduce carbon emissions
- Increase use of public transportation for longer trips.
- Work from home or combine errands to reduce overall travel.

Waste Generated: 200.0

Recommendation: Your waste generation is high. Take steps to reduce it.

- Implement a zero wasteplan: identify major sources of waste and reduce packaging.
- Partner with local recycling programs to improve waste management.
- Reuse or repurpose items instead of discarding them.

Recycling Rate: 25.0

Recommendation: Your recycling rate is low, take action to improve it.

- Educate household members or employees on the importance of recycling.
- Use labeled bins for different types of recyclable waste.

Business Kilometers: 1000.0

Recommendation: The value of kilometers traveled per year for business purposes is low. Great work!

- Promote continued use of virtual meetings and alternative transport methods.

Fuel Efficiency: 20.0

Recommendation: Fuel consumption of vehicles used for business trips is high. Take steps to reduce it.

- Replace old vehicles with more fuel-efficient models or \*hybrid/electric cars\*.
- Improve vehicle maintenance: regular servicing, tire checks, and engine tuning.