



5th GRI Global Conference Footprint Report

June 2016



1. Executive Summary

Introduction

This report provides the footprint calculation of the 5th GRI Global Conference (18th – 20th May 2016), held at the RAI Exhibition and Congress Centre in Amsterdam, Netherlands. Data was collected for a number of emission sources associated with the use of the venue, attendees travelling to and from the event and the logistics involved.

The total absolute emissions associated with the aspects of the conference measured were **542.05 tCO₂e**. With 1,117 delegates attending over the 3-day event, average emissions were **0.49 tCO₂e** per delegate.

Breakdown of the source of emissions included in the footprint

Venue	Energy consumption (kWh/MWh) Waste generation (kg or tonne) Water consumption (Litre or m3) Food waste (kg)
Attendees	Travel to and from event (distance and method of transport) Hotel stays
Logistics / Suppliers	Logistics (e.g. exhibitor logistics, courier services) Hotel stays Printing

Methodology

Greenhouse gas (GHG) emissions have been calculated using the GHG Protocol Methodology, whereby nationally recognised emissions factors are applied in the first instance. All GHG emissions are expressed in terms of carbon dioxide equivalent (tCO₂e). Consumption information has been reported alongside emissions to ensure comparability in future years if emissions factors change.

The report provides an overview of the total emissions, followed by a breakdown of the emissions from energy, water, waste, accommodation, travel and other logistics.

Greenstone Background

Greenstone is a leading provider of non-financial reporting solutions covering Environment, Health & Safety, CSR Frameworks, Supply Chain and Procurement. Greenstone's world-class team of industry experts advise and support clients to define their requirements and ensure they get the output required from their non-financial data. Founded in 2007, Greenstone's software is now used by more than 100 organisations across multiple sectors in over 90 countries.

2. Overall Emissions

The total carbon emissions associated with the conference were **542.05 tCO₂e**. The breakdown of the total emissions are provided in the chart below.

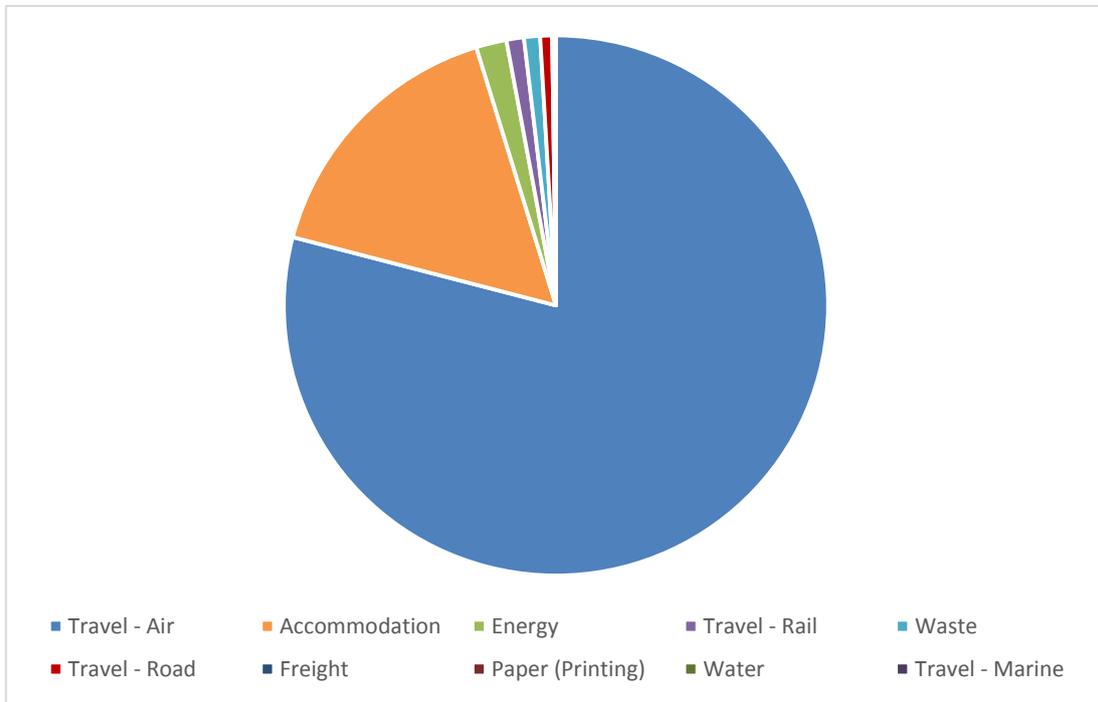


Figure 1: Total tCO₂e by emissions type.

Emission Source	Consumption	Units	Emissions (tCO ₂ e)	%
Travel - Air	3,563,574	km	428.60	79.07
Accommodation	2,834	nights	87.80	16.20
Energy	24,300	kWh	9.81	1.81
Travel - Rail	48,986	km	5.63	1.04
Waste	972	kg	5.17	0.95
Travel - Road	12,712	km	3.83	0.71
Freight (Courier)	6,712	km	0.74	0.14
Paper (Printing)	232	kg	0.30	0.05
Water	110,000	litre	0.12	0.02
Travel - Marine	500	km	0.06	0.01

Table 1: Total tCO₂e by emissions type.

3. Overall Emissions – Detailed

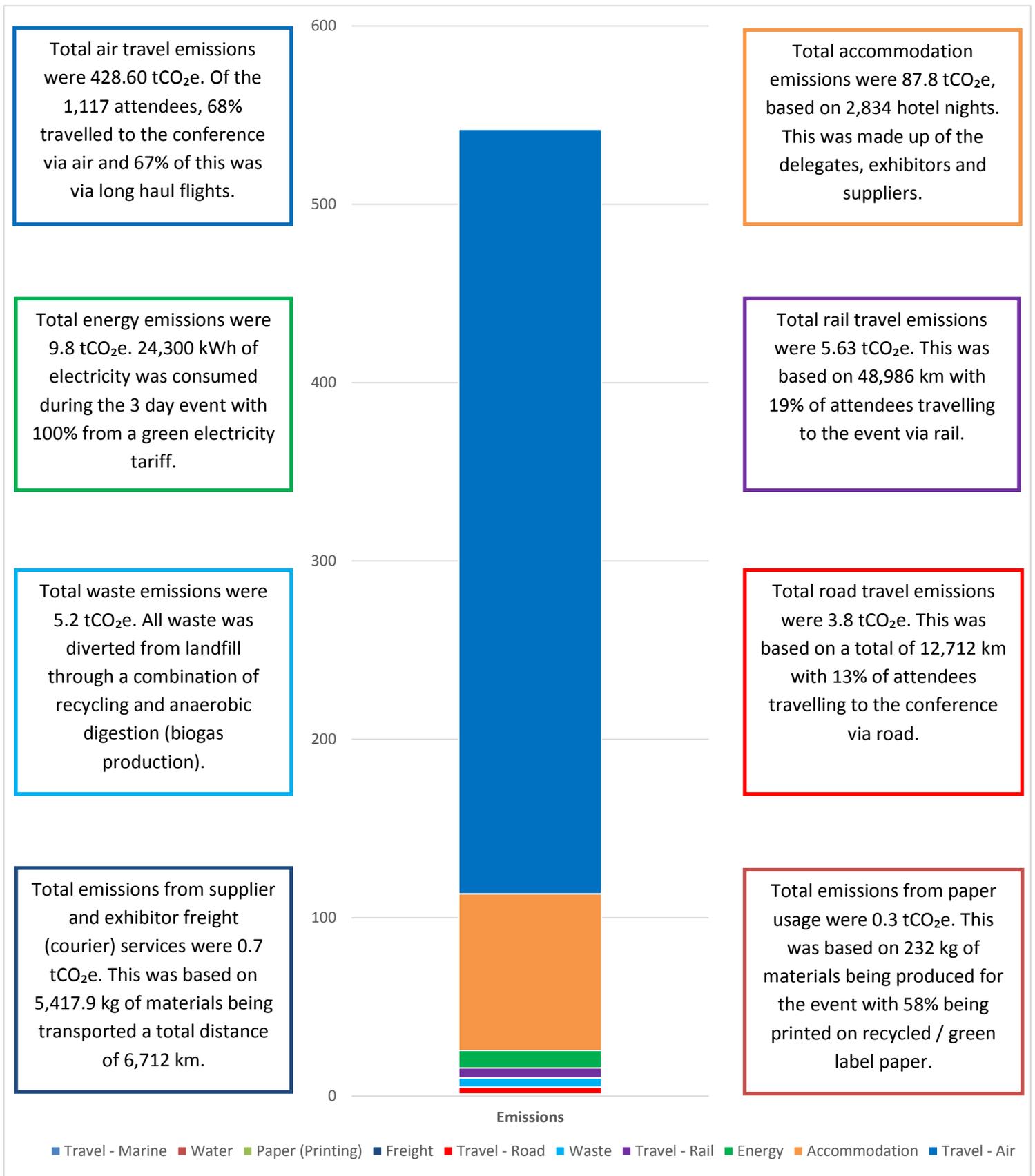


Figure 2: Total tCO₂e by emissions type incl. data details

4. Data Assumptions

Delegate Data

All delegates were required to complete sustainability questions as part of the registration process with the responses feeding into the footprint calculations.

The delegates provided information on their travel to the conference with the return journey assumed to be the same.

221 delegates (20%) indicated that they or their company are offsetting the emissions associated with their travel to Amsterdam. This offset proportion corresponds to 135.1 tCO₂e of the total absolute emissions.

Supplier & Exhibitor Data

In order to calculate the emissions associated with exhibitors of the event some of the data (covering freight and paper usage) was extrapolated. With 3 of the 10 exhibitors unable to provide data an estimation was used based on averages from the other 7.

Venue Data

Energy and water usage from the RAI Exhibition and Congress Centre were calculated using the area of rented space and corresponding meter readings.