

# **EURETINA Congress**

## **Hamburg 2022**

# Sustainability Objectives

## Baseline year

Measure the footprint of all 2022 events for our baseline data  
Create a foundation for future reduction targets

## Reduce impact

Implement reductions for 2022 such as encouraging virtual attendance, event app development, on site print reductions, switch to vegetarian meals, hiring furniture and no single use plastics

## Communication

Clearly communicate what changes to expect on site and offer sustainable solutions to delegates and partners



# Emissions and Waste All Events Together

## Carbon Footprint

**4561.87** tCO<sub>2</sub>e

Total carbon footprint

**672.94** kgCO<sub>2</sub>e

Average carbon footprint per attendee

## Waste Footprint

**2.91** tonnes



Total Waste Footprint

**0.43** kg

Average waste per attendee

What does this mean?

### This is the equivalent of

-  CO<sub>2</sub> equivalent from 2281 cars on the road for one year
-  The carbon sequestered by 22809 tree seedlings grown for 10 years

\*Some of the outcomes in this report are based on estimated data.

# Emissions cont...

Scope 1

42.3 tCO<sub>2</sub>e

Scope 2

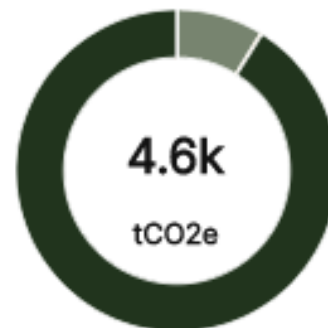
36 tCO<sub>2</sub>e

Scope 3

4.5k tCO<sub>2</sub>e

## Carbon Footprint by Category

● Energy	8.7%
● Catering	0.2%
● Travel and Transport	91.0%
● Production	0.0%
● Waste	0.0%

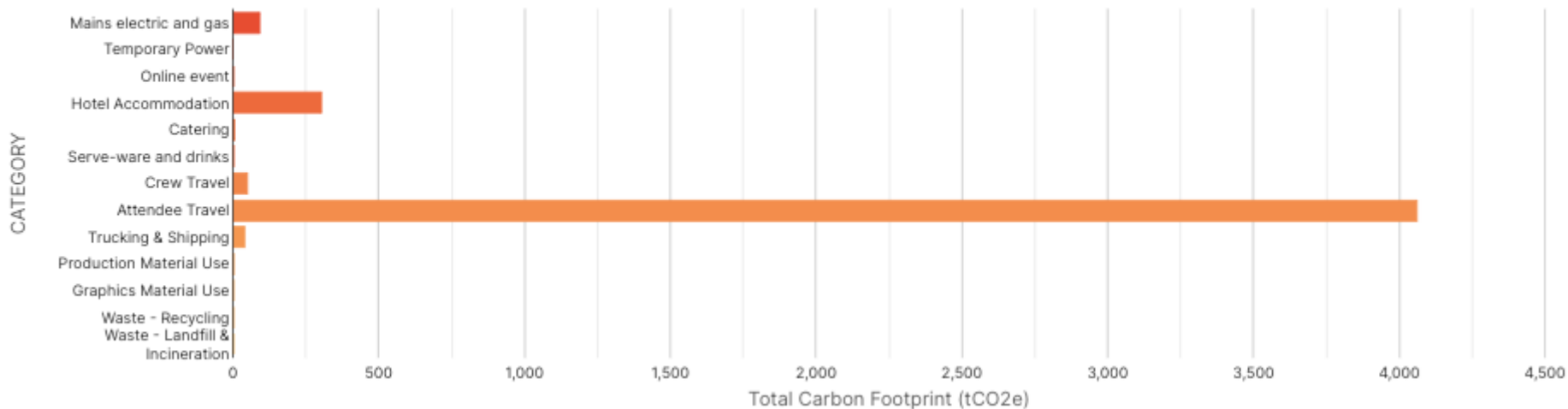


\*For more information on scopes, please see appendix

# Emissions cont...

Mains electric & gas - 92.069 tCO<sub>2</sub>e  
Temporary power - 0 tCO<sub>2</sub>e  
Online event - 0.106 tCO<sub>2</sub>e  
Hotel accommodation - 305.46 tCO<sub>2</sub>e  
Catering - 5.375 tCO<sub>2</sub>e  
Serve-ware & drinks - 3.094 tCO<sub>2</sub>e  
Crew travel - 51.692 tCO<sub>2</sub>e  
Attendee travel - 4,061.603 tCO<sub>2</sub>e  
Trucking & Shipping - 40.269 tCO<sub>2</sub>e  
Production & Material use - 2.169 tCO<sub>2</sub>e  
Graphics Material use - 0.58 tCO<sub>2</sub>e  
Waste recycling - 0.004 tCO<sub>2</sub>e  
Waste landfill & incineration - 0.191 tCO<sub>2</sub>e

Emissions breakdown by category



# Emissions and Waste Congress

## Total Attendees

**4664** In Person

**2115** Virtual



## Total carbon footprint

**4559.29** tCO<sub>2</sub>e

Average carbon footprint per attendee

**672.56** kgCO<sub>2</sub>e



## Waste Footprint

**2.90** Tonnes

Average waste per attendee

**0.43** Kg



## This is the equivalent of



CO<sub>2</sub> equivalent from 2279.6 cars on the road for one year

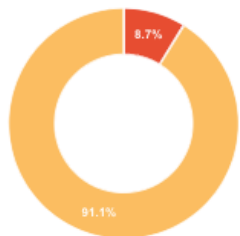


The carbon sequestered by 22796.4 tree seedlings grown for 10 years



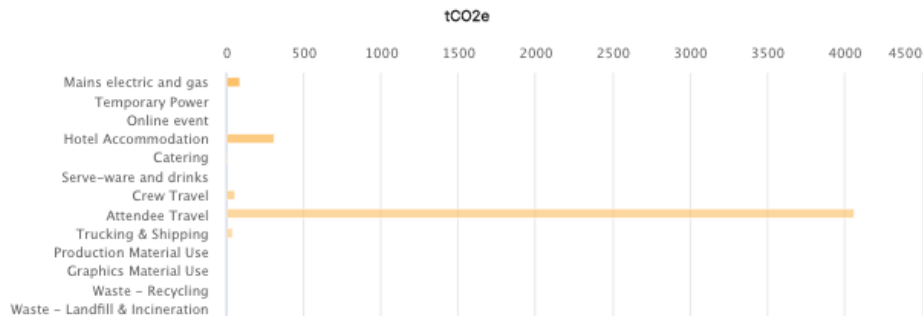
# Emissions cont...

## Carbon Footprint



- Energy ● Catering ● Travel
- Production ● Waste

## Emissions breakdown by category



## Scope 1 emissions

**41.73** tCO2e

## Scope 2 emissions

**35.52** tCO2e

## Scope 3 emissions

**4482.04** tCO2e

# Energy

Total Energy emissions

**396.39** tCO<sub>2</sub>e



Contribution to overall emissions

**8.69%**

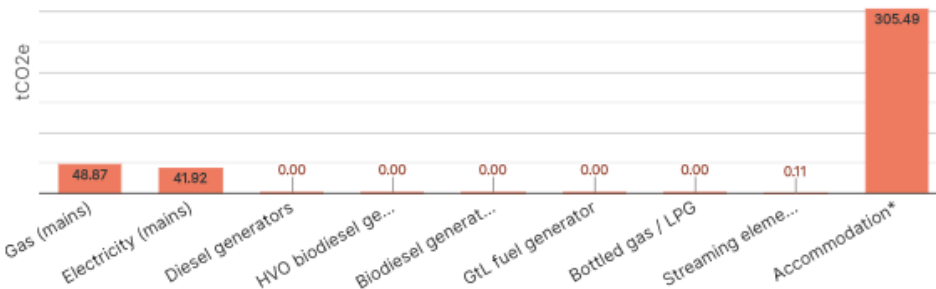


Energy emissions per attendee

**58.47** kgCO<sub>2</sub>e



## Breakdown of Energy categories



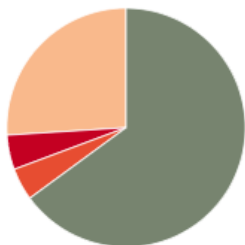


# Waste

Where did waste come from? (by weight)



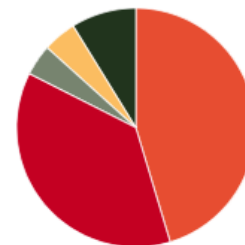
● Built items	64.9%
● Graphics	4.4%
● Food waste	4.7%
● Serveware	26.0%
● Everything else	0.0%



Where did waste go? (by weight)



● Landfill	45.3%
● Incinerated	37.1%
● Recycled	4.2%
● AD/Compost	4.5%
● Re-used	8.8%



Total waste  
**2.90** Tonnes



Waste per attendee  
**0.43** kg



Total Waste emissions  
**0.19** tCO<sub>2</sub>e



Contribution to overall emissions  
**0.0%**



Waste emissions per attendee  
**0.03** kgCO<sub>2</sub>e



# Production

Total Production emissions

**1.97** tCO<sub>2</sub>e



Contribution to overall emissions

**0.0%**

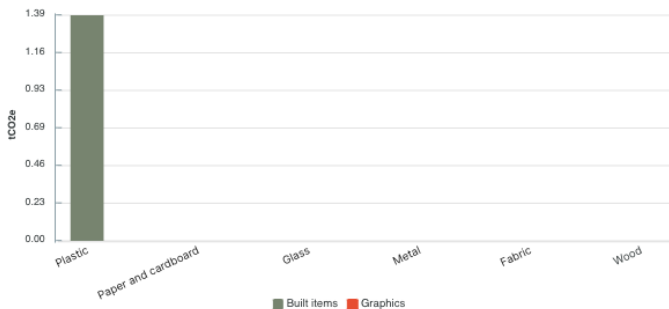


Production emissions per attendee

**0.29** kgCO<sub>2</sub>e



Production materials emissions breakdown



Material Type	Usage in Tonnes	Emissions
Plastic	6.42	1.97
Paper and cardboard	0.00	0.00
Glass	0.00	0.00
Metal	12.00	0.00
Fabric	6.00	0.00
Wood	0.25	0.00
Total	24.66	1.97

Percentage of assets hired or made from reclaimed materials

**98.3%**

Percentage of assets made from recycled materials

**1.1%**

Percentage of materials reused, donated, repurposed

**84.1%**

Percentage of materials recycled post event

**0.0%**

# Virtual/Online

## Breakdown of Streaming (Hybrid / Virtual) Elements



- Computers (participants)
- Network data transfer (participants)
- Server emissions
- Rehearsal and testing
- Search engine query
- Monitor usage
- Desk lamp usage

## Emissions for energy for streaming / online

**0.11** tCO<sub>2</sub>e



## % of total emissions

**0.00%**



## Streaming/online Energy emissions per attendee

**0.05** kgCO<sub>2</sub>e



# Findings & Considerations

- 91.1% of the events emissions came from delegate transport. To put this into perspective, 1 x return flight in Economy from London to Paris produces 0.26 tCO<sub>2</sub>e - which is more than twice the emissions produced from the streaming of the virtual event, and all 2115 virtual attendees watching from home (0.11 tCO<sub>2</sub>e).
- Nearly 82% of 2.9 tonnes of waste went to landfill/incineration.
- Of the waste produced nearly 65% of that was from production of built items (as the supplier is disposing of the waste directly rather than via the venue)..
- 98.3% of the overall emissions were scope 3 \*see appendix for more on scopes
- Accommodation for guests and staff had an overall footprint of 305.49 tCO<sub>2</sub>e - the equivalent of of 65.8 petrol powered passenger vehicles driven for one year.





## Preparing for a Sustainable Congress in Amsterdam

- Given the significant impact delegate travel has on the carbon footprint of the Congress, we strongly encourage every delegate to travel by train or overland, if possible, to Amsterdam for the 23<sup>rd</sup> Euretina Congress.
- We have discontinued delegate bags so please bring your own.
- There will be no printed programme again this year. Please download the Euretina 23<sup>rd</sup> Congress App which has all the programme information and all other information relating to the Congress.
- Multiple charging points are available in the venue for you to recharge your phone.
- Please bring your own water bottle with you which can be refilled at water stations in the RAI Congress Centre.
- Euretina bikes are available to borrow during the Congress.
- We also recommend you take public transport as often as you can during your time in Amsterdam