

World Dairy Summit (WDS) 2022 The First Carbon Neutral Dairy Sector Event



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Abstract

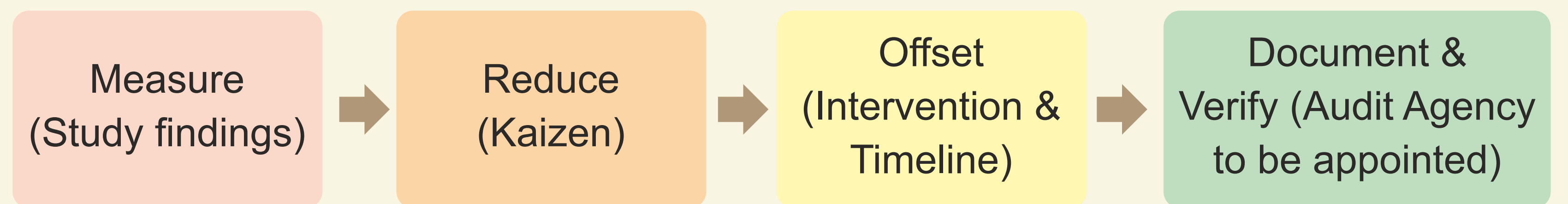
International Dairy Federation (IDF) WDS was organized in India during 12-15 Sep 2022 at New Delhi after a gap of 48 years.

India, being the largest milk producer in the world, decided to showcase its commitment towards sustainable dairying by declaring its intent to make the event Carbon Neutral - a first ever attempt for IDF WDS held thus far.



Methodology

The carbon management plan followed the main steps as set out in the figurative diagram below:



- ❖ Adopted carbon management hierarchy of avoid, reduce, replace and offset.
- ❖ Appointment of an accredited validating agency
- ❖ Verified Carbon Standard (VCS) Program was adopted to measure the emissions
- ❖ Comprehensive scoping exercise was conducted in consultation with the carbon neutrality partner:
 - Scope-1 Direct GHG Emissions
 - Scope-2 Indirect GHG emissions
 - Scope-3 Other indirect GHG emissions
- ❖ Comprehensive GHG inventory measurement plan was put in place
- ❖ Emission factor from recognized sources used to calculate the GHG emissions wherever required
- ❖ Verification, Offsetting and certification

Objective



To make the IDF WDS event carbon neutral & showcase India's commitment towards sustainable and environmentally responsible dairying.

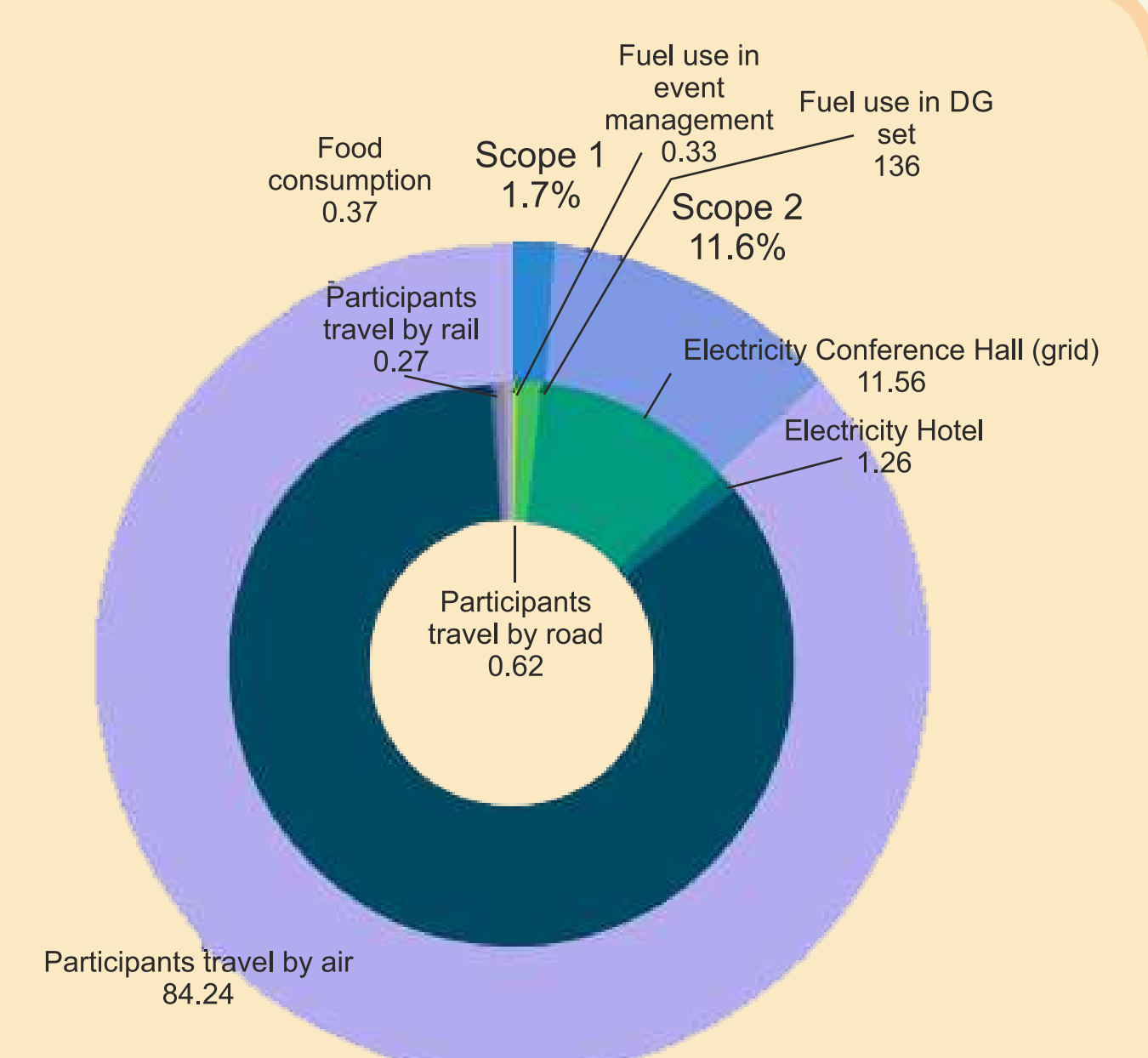
Introduction

IDF WDS 2022 was one the largest dairy event in the World with participation of more than 1500 registered delegates from across 48 countries in the world. A comprehensive **carbon management plan** was put in place to ensure a sustainable event with measures like:

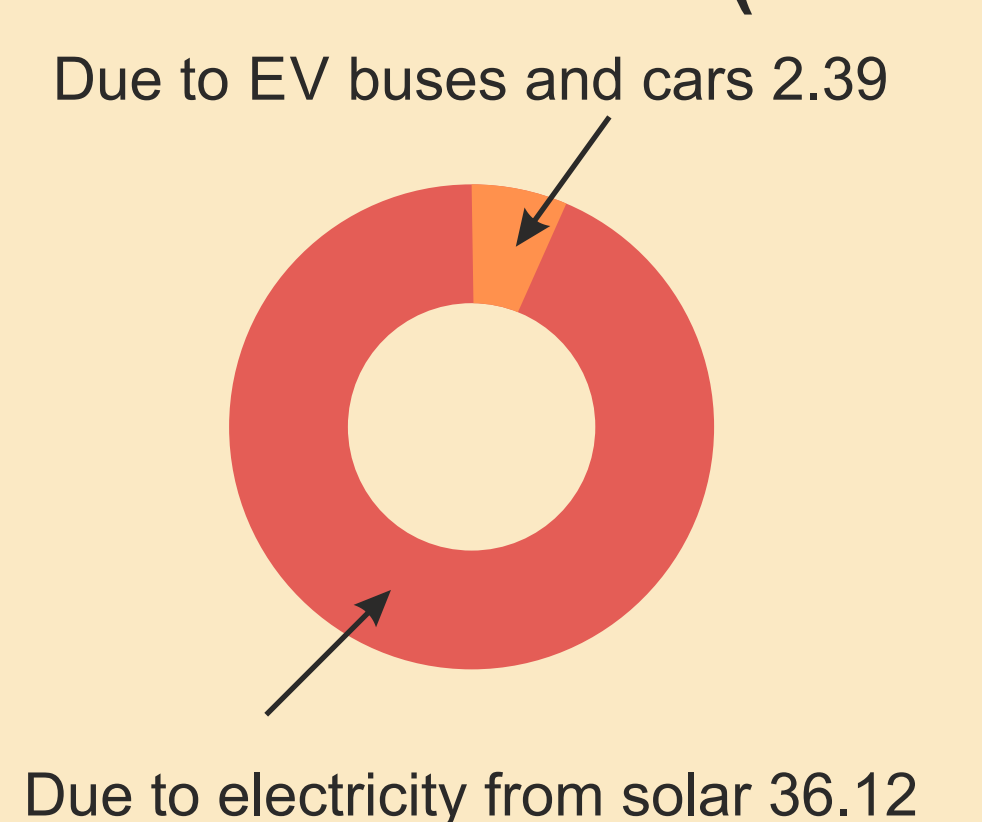


Findings

Scope-1	tCO2
Fuel use for travel related to Event management	2.66
Fossil fuel use in Diesel generator at the Event hall	11.12
Scope-1 Total	13.78
Scope-2	
Purchased electricity -consumption at Conference Hall	94.18
Scope-3	
Purchased electricity -consumption at Hotel	10.25
Participants travel -by air	686.60
Participants travel - by rail	2.18
Participants travel- by road	5.04
Food, beverages & water consumption	3.00
Scope-3 Total	707.06
Scope-1, 2 & 3, Total	815.02



Reduction at Source (tCO2e)



- To make the event carbon neutral net 815 tCO2e was to be offset
- Credits available from a certified renewable energy project (bundled win energy farm in Kerala) was used to offset the net emissions.

Conclusion

First ever IDF WDS summit in the history of IDF to be certified as carbon neutral.

The efforts put in for achieving carbon neutrality actually gave a clear message to the global dairy sector about India's readiness towards adopting climate smart sustainable dairying.



Way Forward

The awareness about the necessity to put in place a carbon management plan with an objective to reduce carbon emissions with a fixed timeline has been successfully put across.

The case study of IDF WDS event achieving carbon neutrality will be the tipping point for Indian dairy sector to take GHG emissions, carbon markets and carbon financing proactively.

