Realization of HOMI F&J Carbon Neutral (Life-Cycle Assessment)

Preliminary measurement and neutralization of CO_2 emissions produced by the event

HOMI
Fashion&Jewels
Exhibition

FIERA MILANO

AGENDA

1. Executive summary
2. Homi Fashion & Jewels
3. Certified methodological framework
4. The results
5. Carbon offset project

Executive summary

Background

- Fiera Milano has already embarked on a **process of integrating sustainability into its business model** since 2021, formally committing to its stakeholders:
  - The **company mission** is to be a leading platform for **innovative and sustainable events** with a global reach
  - **Integrated Sustainability Plan CONN.E.C.T 2025**: calculation of the carbon footprint of 13 owned events by 2025
  - Adhesion to the **Net Carbon Zero Events** initiative: to reduce global GHG emissions by 50% by 2030
  - Participation in **UFI Sustainable Development Working Groups** to define shared methodologies for the measurement of event emissions

Project & methodology

- Preliminary assessment, with the support of the consultant Rete Clima, of the **estimated carbon footprint associated with the Homi Fashion & Jewels event**, quantifying all the CO2 emissions produced and **neutralizing** them through the cancellation of certified carbon credits that have environmental projects as underlying.
- The methodology used is the **LCA (Life Cycle Assessment)** together with the valuation parameters of the standards ISO 14040, ISO 14044 and ISO 14067.

Results

- It is estimated that the September edition of **Homi Fashion & Jewels** (16-19 September 2022) generates about 1,256 tCO2e
- These tons of CO2 will be neutralized through the **cancellation of carbon credits** relating to a solar energy development project in India (Maharashtra) called "**Photovoltaic Power Project at Jalgaon**", with which Fiera Milano will be able to support the installation of photovoltaic panels (8.5 MW power) that will allow:
  - Neutralize the emissions produced by the edition of HOMI F&J
  - Promote technology transfer to this area of India to generate clean energy
  - Promote access to energy for local people

tCO_2e = *tons of CO2 equivalent*

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Homi Fashion & Jewels at a glance

HOMI Fashion&Jewels Exhibition

- The only event dedicated exclusively to **Fashion Accessories, Bijoux and Trendy Jewellery**
- Held at Rho Fiera Milano venue on two occasions, **February and September**
- **Four areas diversified** by product features, positioning and distribution channel:

STYLE	EVERYDAY	GEMS & COMPONENTS	INTERNATIONAL

Numbers of the previous editions

ca.40% from abroad

Time-frame	Net sq. metres of exhibition space	n. exhibitors
I semester 2022	9,400	367
II semester 2021	6,090	280
I semester 2021	did not take place	did not take place
II semester 2020	3,900	155
I semester 2020	13,215	545
2019	11,905	540

15k visitors

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Life Cycle Assessment

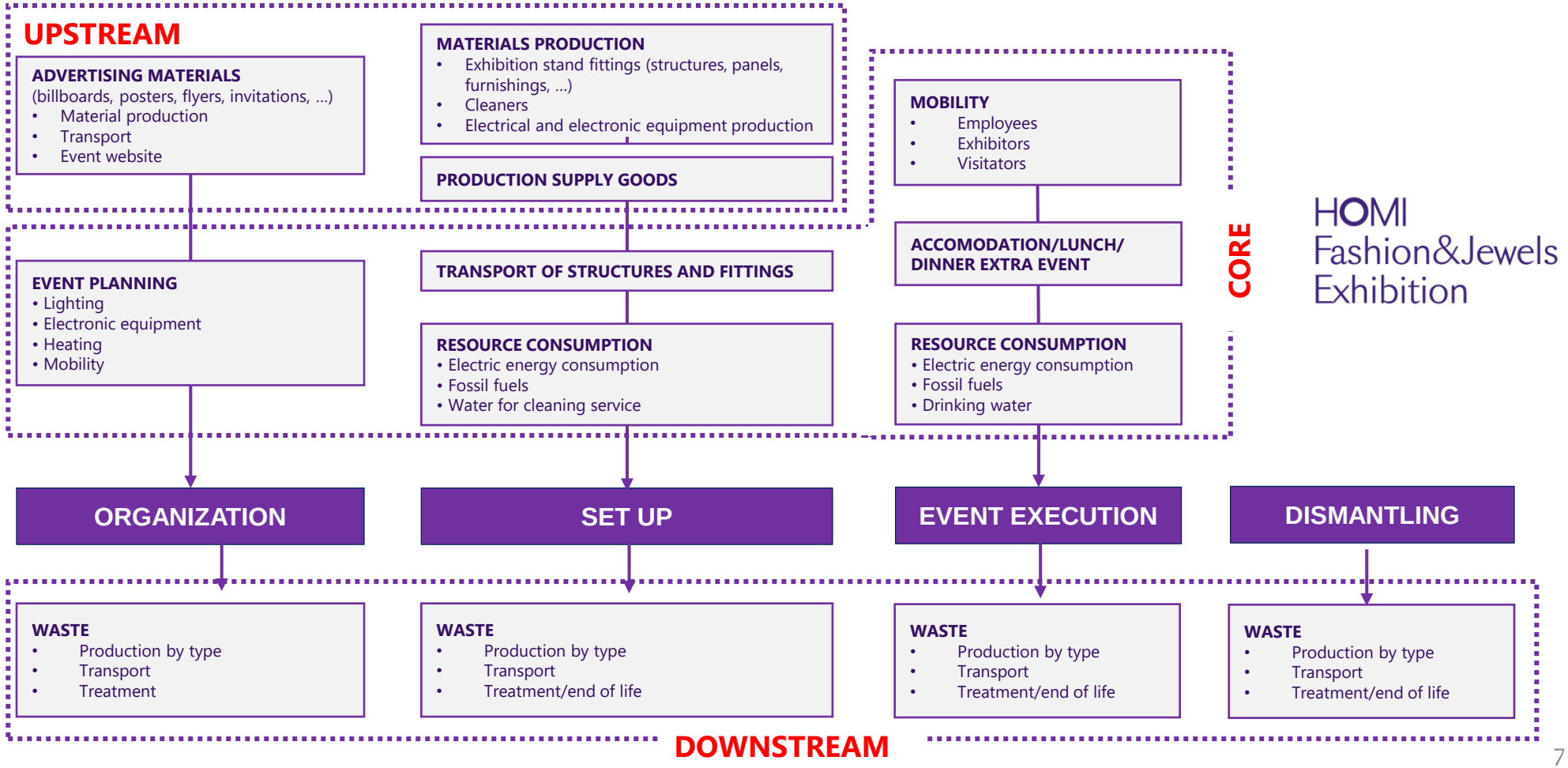
METHODOLOGY AND PROJECT MANAGEMENT

- LCA (Life Cycle Assessment), consolidated methodology regulated by the UNI ISO 14040:2021, UNI ISO 14044:2021 and ISO 14067:2018 standards
- Input data produced by the HOMI F&J event representatives and by the managers of waste management, energy management, catering, operations and installations. The emissions modeling was based on the following sources: Ecoinvent 3.8 database, EPD (Environmental Product Declarations), sector literature
- Coordination of the project by the Investor Relations & Sustainability team in collaboration with Rete Clima

THE LIFE CYCLE OF THE EVENT

AND

THE PHASES OF THE EVENT



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Summary of the final results

- The September edition of **Homi Fashion & Jewels** (16-19 September 2022) is estimated to generate c.1.256 tCO2e

HOMI Fashion&Jewels Exhibition

Final results

	Source of emission	tCO2e
	Advertising material	7.7
	Web advertising	0.1
	Food and beverage	12.6
	Structures and fittings	61.2
	Electrical and electronic equipment	1.3
	Total UPSTREAM phase	**82.9**
	Electric energy consumptions	26.2
	Office energy consumptions	0.13
	Employee mobility	5.7
	Exhibitors mobility and accommodation	249.2
	Visitors mobility and accommodation	877.5
	Transport of advertising material	0.0
	Transport of food and beverage	0.1
	Transport of structures and fittings (supply)	3.7
	Total CORE phase	**1,162.4**
	Waste management	6.5
	Transport of structures and fittings (warehouse return)	3.7
	Total DOWNSTREAM phase	**10.2**
	Total emissions generated	**1,255.5**

Scope 2 Scope 3

Breakdown by phase of the event

Source of emission	tCO2e	% Weight
Organization	7.9	*0.6%*
Set up	78.9	*6.3%*
Event execution	1,158	*92.3%*
Dismantling	10.2	*0.8%*
Total source of emission	**1,255.5**	***100%***

Breakdown by decreasing contribution of emission sources

Source of emission	tCO2e	% Weight
Visitors mobility and accommodation **(execution)**	877.5	*69.890%*
Exhibitors mobility and accommodation **(execution)**	249.2	*19.847%*
Structures and fittings **(set up)**	61.2	*4.878%*
Electric energy consumptions **(execution)**	26.2	*2.085%*
Food and beverage **(set up)**	12.6	*1.007%*
Advertising material **(organization)**	7.7	*0.620%*
Waste management **(dismantling)**	6.5	*0.517%*
Employee mobility **(execution)**	5.7	*0.451%*
Transport of structures and fittings (supply) **(set up)**	3.7	*0.294%*
Transport of structures and fittings (warehouse return) **(dismantling)**	3.7	*0.294%*
Electrical and electronic equipment **(set up)**	1.3	*0.100%*
Office energy consumptions **(organization)**	0.13	*0.010%*
Web advertising **(organization)**	0.1	*0.005%*
Transport of food and beverage **(set up)**	0.1	*0.005%*
Transport of advertising material **(set up)**	0.0	*0.001%*
Total source of emission	**1,255.5**	***100%***

Breakdown by type of emission

Source of emission	tCO2e	% Weight
Indirect emissions (Scope 2)	23.6	*2.1%*
indirect emissions (Scope 3)	1,229.2	*97.9%*
Total source of emission	**1,255.5**	***100%***

CO2e = tons of CO2 equivalent

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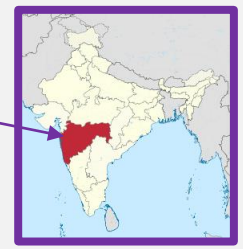
Photovoltaic Power Project at Jalgaon

Renewable solar energy development project in India

- The c. **1,256 tCO2e** produced by Homi Fashion & Jewels will be **neutralized through the purchase and subsequent cancellation of certified carbon credits***
- Carbon credits are exchanged to offset the emissions of tons of carbon dioxide equivalent, through the **realization of development projects** with intervention by a third party
- The project chosen by Fiera Milano to neutralize the carbon footprint of HOMI F&J is the solar energy project **Photovoltaic Power Project at Jalgaon in India**

TYPE OF PROJECT
Construction of photovoltaic panels (8.5 MW of renewable energy)

LOCATION
Maharashtra, India



ENVIRONMENTAL BENEFITS

- Reduction of 13,243 t in CO2 emissions
- Accessible and clean energy: 13,961 MWh of renewable energy are fed into the grid

COMMUNITY BENEFITS

- Promote the technology transfer to this area of India to generate clean energy
- Promote access to energy for local people

*Gold standard, Verified Carbon Standard (a Verra standard)

VERRA

Verified Carbon Standard

Certificate of Verified Carbon Unit (VCU) Retirement

Verra, in its capacity as administrator of the Verra Registry, does hereby certify that on 16 SEP 2022, 1.256 Verified Carbon Units (VCUs) were retired on behalf of:

Fiera Milano per HOMI F&J

Project Name

Solar Photovoltaic Power Project at Jalgaon, Maharashtra

VCU Serial Number

3245-146313807-146315062-VCU-037-APX-IN-1-1230-19062012-28112012-0

Additional Certifications

Powered by APX

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Measurement of the carbon footprint generated by the event & neutralization of the CO_2 emissions produced (carbon neutral event)

Measurement of the carbon footprint of BIT (LCA - Life Cycle Assessment - method)

- The 2023 edition of **BIT** (February 12-14) was estimated to generate **3,010.8 tonnes of CO_2e**

Carbon footprint generated

	Source of emission	tCO_2e
	Pre-event	**0.6**
	Web advertising	0.05
	Advertising material	0.4
	Office energy consumptions - organization	0.1
	Event	**1,741.1**
	Electric energy consumptions	28.1
	Employee mobility	5.3
	Exhibitors travel and accommodation	187.9
	Participant travel and accomodation	1,137.3
	Food and beverage	10.2
	Structures and fittings	352.5
	Transport of food and beverage	0.04
	Transport of advertising material	0.001
	Transport of structures and fittings	0.6
	Waste management	19.2
	Post-event	**1,269.1**
	Transport of structures and fittings downstream	0.5
	Exhibitors travel (return)	169.2
	Participant travel (return)	1,099.4
	Total source of emission	**3,010.8**

Scope 2 Scope 3

Breakdown by phase of the event

Source of emission	tCO_2e	% Weight
Organization	0.6	*0.02%*
Set up	363.3	*12.1%*
Event execution	2,627.2	*87.3%*
Dismantling	19.6	*0.7%*
Total source of emission	**3,010.8**	***100%***

Breakdown by decreasing contribution of emission sources

Source of emission	tCO_2e	% Weight
Participant travel and accomodation **(execution)**	1,137.3	*37.774%*
Participant travel (return) **(dismantling)**	1,099.4	*36.515%*
Structures and fittings **(set up)**	352.5	*11.708%*
Exhibitors travel and accommodation **(execution)**	187.9	*6.241%*
Exhibitors travel (return) **(dismantling)**	169.2	*5.620%*
Electric energy consumptions **(execution)**	28.1	*0.933%*
Waste management **(dismantling)**	19.2	*0.638%*
Food and beverage **(execution)**	10.2	*0.339%*
Employee mobility **(execution)**	5.3	*0.176%*
Transport of structures and fittings **(set up)**	0.6	*0.020%*
Transport of structures and fittings downstream **(dismantling)**	0.5	*0.017%*
Advertising material **(organization)**	0.4	*0.013%*
Office energy consumptions **(organization)**	0.1	*0.003%*
Web advertising **(organization)**	0.05	*0.002%*
Transport of food and beverage **(set up)**	0.04	*0.001%*
Transport of advertising material **(organization)**	0.001	*0.000%*
Total source of emission	**3,010.8**	***100%***

Breakdown by type of emission

Source of emission	tCO_2e	% Weight
Indirect emissions (Scope 2)	28.2	*0.9%*
Indirect emissions (Scope 3)	2,982.6	*99.1%*
Total source of emission	**3,010.8**	***100%***

tCO_2e = tons of CO_2 equivalent

Carbon neutrality project: Ghani Solar Renewable Power Project – India

Renewable solar energy development project in India

- The c. **3,010.8 tCO_2e** produced by **BIT** will **be neutralized through the purchase and subsequent cancellation of certified carbon credits***
- Carbon credits are exchanged to offset the emissions of tons of carbon dioxide equivalent, through the **realization of development projects** with intervention by a third party
- The project chosen by Fiera Milano to neutralize the carbon footprint of BIT is the solar energy project **Ghani Solar Renewable Power Project**

Verified Carbon Standard
A VERRA STANDARD

TYPE OF PROJECT
Construction of photovoltaic panels (500 MWp of renewable energy)

LOCATION
Andhra Pradesh

ENVIRONMENTAL BENEFITS

- Reduction c. 887,800 CO_2 emissions per year thanks to the production of approximately 919,800 MWh/year of alternatively generated electricity

COMMUNITY BENEFITS

- Promote technology transfer and the generation of job opportunities in the Andhra Pradesh area
- Promote access to energy for local people

**Verified Carbon Standard (a Verra standard)*

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Thank you for your attention!

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