

INNER WHEEL Environmental



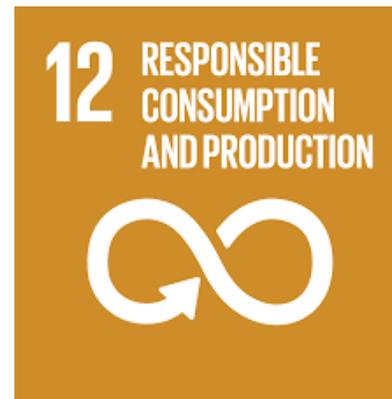
INNER WHEEL_Environmental



From Inner Wheel Vigo, we propose to Inner Wheel International, a project to manage the Carbon Footprint produced by our events worldwide and thus become a benchmark for a sustainable and environmentally conscious club.



This project is related to the below sustainable Development Goals:





INNER WHEEL_Environmental

11 SUSTAINABLE CITIES
AND COMMUNITIES



11.6 By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management

11.7.b By 2020, substantially increase the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, and develop and implement, in line with the Sendai Framework for Disaster Risk Reduction 2015-2030, holistic disaster risk management at all levels

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



12.2 By 2030, achieve the sustainable management and efficient use of natural resources

12.5 By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse

12.8 By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature

13 CLIMATE
ACTION



13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning

What is SUSTAINABLE EVENT?



UNEP (United Nations Environment Program) defines it as:

"That event designed, organized and developed in a way that minimizes potential negative environmental impacts, and that leaves a beneficial legacy for the host community and all involved."

Why this project?

- The events are a huge showcase to educate and raise awareness about sustainability and generate positive change.
- A great opportunity to raise awareness and encourage change among attendees.
- Preaching by example, by conducting sustainable events, we motivate others to make responsible decisions, introducing environmental and social improvements into their decision process.

What is the OBJECTIVE?



- Calculate the total impact generated by the INNER WHEEL meetings on the climate in relation to Greenhouse Gas (GHG) emissions released into the atmosphere, that is, the amount of CO₂ generated by the meeting.

It allows the Club to establish the starting point from which to plan improvement actions for its environmental sustainability, since it allows us to identify all sources of GHG emissions and establish effective reduction measures. Environment, is an indispensable requirement for sustainable events of the 21st century

- Raise awareness in our environment by serving as an example of a SUSTAINABLE FEMALE VOLUNTEER, in a society increasingly aware of these issues.
- Be a reference in environmental education.



What aspects will we consider? STAGES OF DEVELOPMENT



Environmental indicator
reference



What aspects will we consider?

STAGES OF DEVELOPMENT



TRANSPORT

- It is the largest source of emissions. It's about checking the scrolling mode of those attending the event / meeting.
- You can take into account the way providers move to the event



Location & Accomodation

- Bearing in mind that most of the IWC meetings are held in the provider's premises (hotel rooms, restaurant, ...)
- It refers to the adequacy of the room where the meeting is held. For this we will take into account: Air Conditioning, heating, light, use of TV, laptop, ...



WASTE

- These wastes are usually disposable plates, flyers, brochures and food wrappers.
- Use of paper, plastic folders, ...



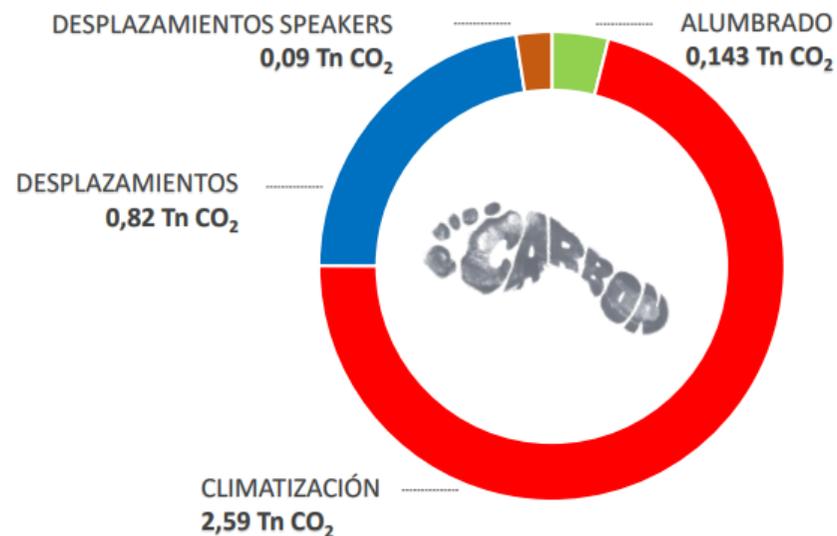
CATERING

- The choice of the catering menu is as important as the other points.
- It is proven that the menus that contain meat are those menus that have generated greater carbon footprint



We will get an INDICATOR that we will help reduce and compensate our footprint

3,64 Tn de CO₂



EXAMPLE



BALANCING CARBON FOOTPRINT OF INNER WHEEL MEETINGS

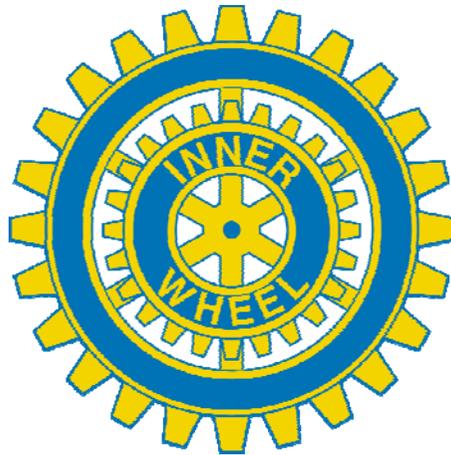
Once our Carbon Footprint has been calculated, different compensation strategies will be drawn up:

- Tree-planting
- Micro hydro-electric project: www.cereco2.org
- Projects in development countries
- IWC sustainable projects

environment

METHODOLOGY

Brief description of the methodology to apply.
This methodology will be explained in a simple
and effective way in the implementation of the project





1.- Define limits and identify emission sources

- In this first phase of IW Sustainability project, we will focus on the study of INNER WHEEL CLUB MONTHLY MEETINGS. Since these meetings are established by the statutes of the Club.
 - we will analyze:
 - Travel of the attendees to the meeting point.
 - The facilities where the meeting will take place.
 - Meeting process
 - Methods used for the dissemination of the meeting
 - Sharing topics to be discussed
 - Catering (including utensils)
- Meetings with other clubs (annual, biannual or anniversary nature) will be considered in a 2nd phase.



1.- Define limits and identify emission sources

- For this study we must limit and homogenize its limits, in order to compare the CO2 activity of each Club.

ORGANIZATIONAL LIMITS

- Define the time: in this case it is the year 2020, which will also become the base year for future calculations and comparative studies.
- Define the frequency: monthly meetings of the Inner Wheel Clubs in the world.

OPERATIONAL LIMITS To delimit the operating limits, emissions must be identified and classified by scope. 



1.- Define limits and identify emission sources

- *Scope 1 (Direct emissions) .- Emissions from combustion of fixed or mobile sources that fall within the limits of the club .: vehicles used for travel to the meeting, computers, screens, catering, printed paper.*
- *Scope 2 (Indirect energy emissions) .- Emissions derived from the acquisition and consumption of energy at the meeting place, but physically produced outside the limits of the location of the meeting. In our case, from electricity consumption.*
- *Scope 3 (Other indirect emissions) .- Optional category that allows us to include indirect emissions not included in the previous scopes. The activities of scope 3 are a consequence of the activities of the organization but that occur in sources that are not owned or controlled by the Club. To decide which emission sources are relevant to include them in category 3 we can use the following criteria:
- Relevant for interested third parties (community, civil society, administrations, suppliers, etc.)*



2.- Selection of the calculation method

- Activity data: the parameter that defines the activity and that is referred to the emission factor (for example: m³ of natural gas)
- Emission factor: amount of CO₂ emitted by each unit of the “activity data” parameter (for example: 2.16 kg CO₂ / m³)
- The unit used to present the results (t CO₂) represents the equivalent ton of CO₂, an universal unit of measure that indicates the global warming potential (GWP) of each of the GHGs.

