PAS 2050 Verification of Carbon Footprint

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The global warning has become one of the main challenges for the International Community, businesses and citizens. The increasing emission of carbon dioxide (CO2) in the atmosphere and its identified effect on the climate is an important reason to make this change.

The Carbon Footprint of a product is the greenhouse gas emissions; they are quantified in CO2 emissions along the life cycle of a product or a service. It also covers all the activities from the acquirement of the raw material to its management as a waste, allowing consumers to choose which food to buy.

The analysis and the reduction of the carbon footprint are essentials to prevent the increasing of the CO2 volume.

There are two types of emissions:

- Direct: such as fuels and vehicles.
- Indirect: energy, products and services consumed.

Since the United-Kingdom government has been committed to reduce the total emissions of
greenhouse gases to 60% for 2050 in a try to tackle the global warming, the forward-looking organizations, among them the Olivarera Los Pedroches has voluntarily declared its greenhouse gases emissions to manage the carbon impact.

The reduction of these emissions is beneficial to everybody and we realize that this beneficial environmental act could have positive effects in our benefits, reputation and in the society in its whole. If we know the total carbon footprint of a business and their products, it allows us to use effective measures to reduce the impact of the global warming and to identify opportunities to save costs to be more efficient and agile.

The specific methodology and tools for its calculation are based on the ISO 14064-14069 standards. The process is made in an exhaustive way, analysing and studying each of its phases: measurement, reduction, compensation, verification and communication.

<table>
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<tr>
<th>Medición</th>
<th>Inventario, simulación y evaluación de todas las emisiones de gases de efecto invernadero durante un ciclo completo.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reducción</td>
<td>Estudio e implantación de medidas y estrategias orientadas a la reducción y control de las emisiones</td>
</tr>
<tr>
<td>Compensación</td>
<td>Análisis de la participación en proyectos de compensación de emisiones para neutralizar el impacto generado</td>
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<tr>
<td>Verificación</td>
<td>Seguimiento y mejora de las medidas implantadas</td>
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<tr>
<td>Comunicación</td>
<td>Publicación de los resultados obtenidos para motivar la concienciación medioambiental y mejorar la imagen corporativa</td>
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</tbody>
</table>

What is PAS 2050 Verification of Carbon Footprint?

PAS 2050 ?The footprint of a product? is essential to offer credibility. It guarantees to regulators, clients, employees, actionists, potential investors, environmental groups, Media, and even to its competitors, integrity, degree of execution and transparence to calculate the carbon footprint.

Any organization that is active or that wishes to establish the procedures to reach the carbon footprint, regardless of the size, the sector or the placement, could benefit of the knowledge and the additional rigor that brings the Carbon Footprint process.

The PAS 2050:2008 standard ?Verification of the Carbon Footprint? published by the British Standards Institution in 2008 and elaborated with the participation of some experts of the British public administration, business organizations, as well as experts from universities and international organizations.

The Olivarera Los Pedroches has demanded the approval of the carbon footprint calculation of its products according to the PAS 2050 that guarantees a complete analysis of the cycle of
life of its products.

In this analysis it is required to consider as source of emissions: the energy use, the combustion processes, the chemical reaction and losses of the refrigerant gases and other volatile gases.

Imagen de certificación:
VERIFICACIÓN HUELLA DE PAS 2050