

amfori BEPI Self-Assessment (SAQ)

How It Works

How It Works. Self-Assessment

Understanding how well your supply chain is managing environmental issues is key to **defining what risks need to be addressed where**.

The self-assessment is completed **online**, by each **production site**, and covers **eleven environmental areas**. It will:

- Capture comprehensive information on **environmental management**
- Capture **environmental data**
- Analyse strengths and weaknesses in a **Gap Analysis**
- Shortlist the most relevant **environmental hot spots**

The amfori BEPI Self-Assessment is based on the GSCP Environmental Reference Tools, and is suitable for any sector, manufacturing location or country.

Access to the amfori BEPI Platform and the online amfori BEPI Self-Assessment is at **no cost to producers**.

11 Environmental Performance Areas



How It Works. Self-Assessment

SELF-ASSESSMENT



SYSTEMS AND PROCESSES

- Provides information about production, e.g. sector, type of product and specific production processes.
- This information is used to determine which of the 11 Environmental Performance Areas are most relevant for this site.



SIZE AND LOCATION

- Information on the location and surroundings.
- Size and characteristics of the site.



ENVIRONMENTAL DATA

- Covers the last three years.
- Covers areas such as waste, water and energy.
- If a site does not have the information, or does not know it, they can indicate this.



11 ENVIRONMENTAL AREAS

Provides information on each environmental area, showing how the location manages these areas.

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SELF-ASSESSMENT

11 Environmental Performance Areas



Environmental Management System



Pollution prevention and chemicals



Energy use, transport and greenhouse gases (GHG)



Major incident prevention and management



Water Use



Contaminated land/soil and groundwater pollution prevention



Wastewater/effluent



Land use and biodiversity



Emissions to air



Environmental Nuisances



Waste management

OUTPUT 1

INSIGHT

A rich set of data and information. You will have access to all questions and responses.

Tip: the absence of a response is as good an indication as a response. It can highlight a lack of knowledge and/or staff.

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SELF-ASSESSMENT

100%

0%



OUTPUT 2

GAP ANALYSIS

A Gap Analysis of the responses provided versus the ideal answers (%)

Strength: scores within the green band

Weakness: scores within the red and yellow band

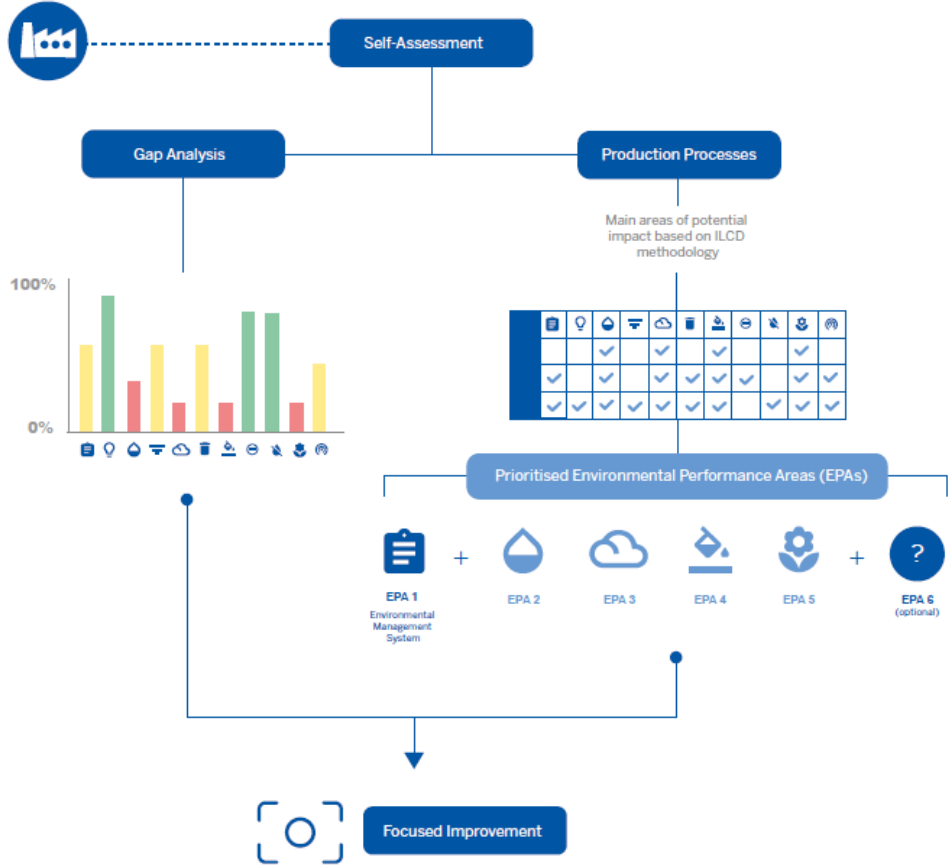
How It Works. Self-Assessment

OUTPUT 3

HOT SPOTS

A shortlist of the four most relevant environmental areas for the site, based on the production processes, topped with Environmental Management Systems.

SELF-ASSESSMENT



How It Works. Self-Assessment

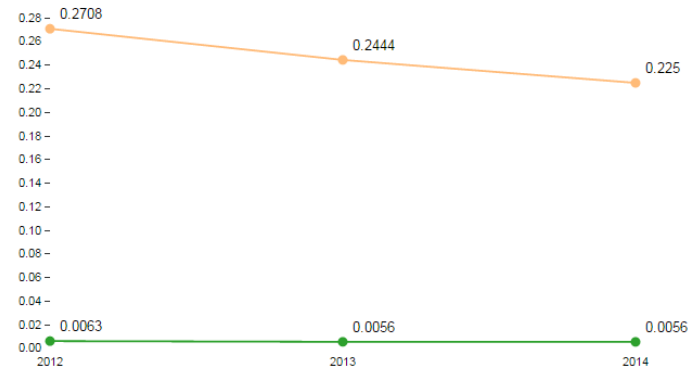
OUTPUT 4

DATA

Absolute numbers and Normalised Data are available covering three years, allowing you to see progress and to benchmark efficiency with the producer's peers.

SELF-ASSESSMENT

Environmental data per unit



Showing graphs

- Size of Production Site (m2)
- Total number of Units/Products Manufactured at this Production Site
- Total annual Energy Consumption (kWh)
- Total annual Water Consumption (m3)
- Total annual Recycled Water (m3)
- Total annual Wastewater Direct Discharge (m3)
- Total annual Wastewater Discharge to POTW (m3)
- Total annual Solid Waste generated (m3)
- Total annual Hazardous Waste generated (m3)
- Total annual Waste Recycled (m3)
- Total annual Waste sent to Landfill (m3)

options

per unit

Show labels

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SELF-ASSESSMENT

OUTPUT 5

CARBON FOOTPRINT

In partnership with myclimate, amfori BEPI has incorporated a **Carbon Calculator** into the platform, measuring the CO2 emissions for each manufacturing site, based on the data entered in the self-assessment.



Energy source

D.3 Please indicate all energy sources used and consumption figures(kWh) in the last 12 months

electricity steam chilled water coal oil fuel natural gas wood renewables (total) Other



Consumption Figures

D.3.1 Electricity Consumption in kWh:

D.3.2 Steam Consumption in kWh:

D.3.6 Fuel Consumption in litres:



CO² emissions (tCO₂e)

TOTAL	566 tCO ₂ e
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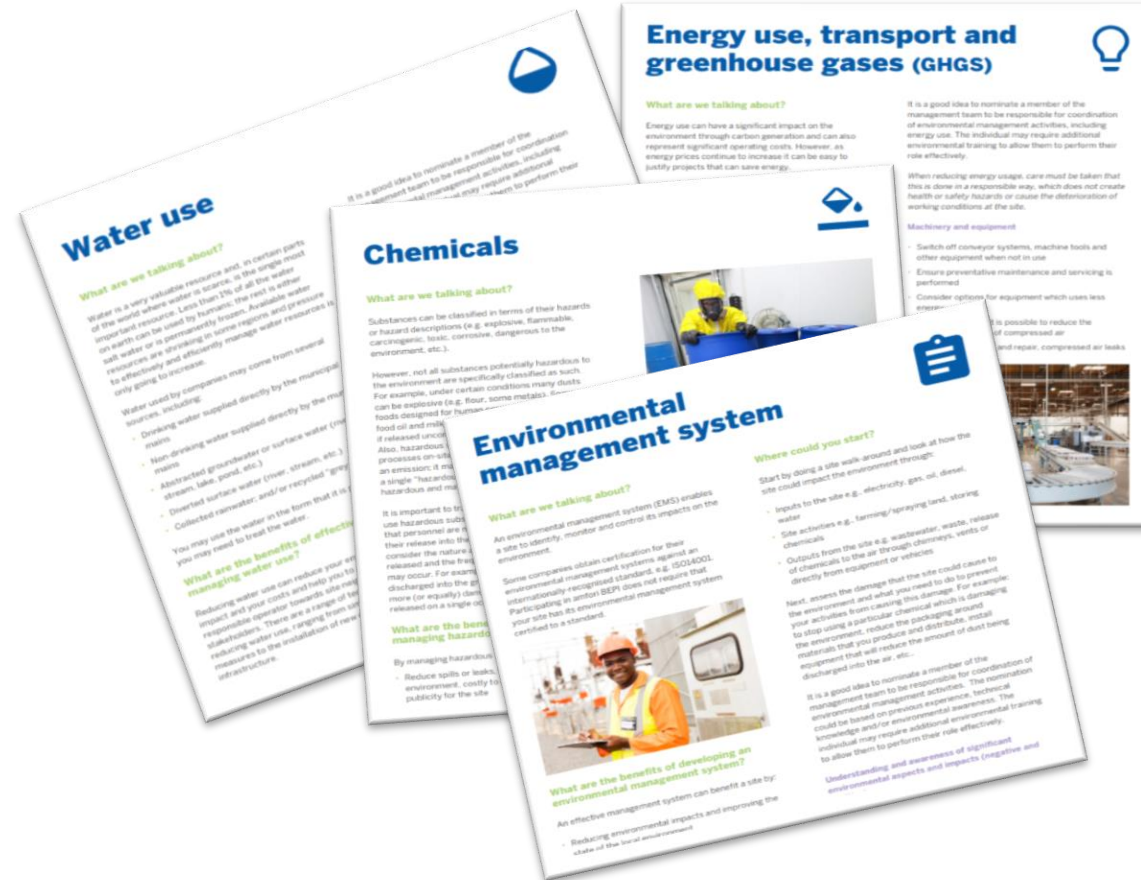
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SELF-ASSESSMENT

OUTPUT 6

STARTER-KITS

Producers (and members) have access to customised starter-kits that include how-to guides across 11 environmental areas. Each guide outlines a description of a specific environmental area, offers practical advice on how to make improvements in that area and explains the benefits of doing so.

































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SELF-ASSESSMENT

SUPPLY CHAIN

Where the amfori BEPI Platform allows you to deep-dive into specifics of one production site, the **amfori Sustainability Dashboards** allow you to get an overview of your entire supply chain.

ENVIRONMENTAL AREA		HOT SPOTS	SELF-ASSESSMENT SCORE
Environmental Management Systems		 15	 23%
Energy Use, GHG and Transport		 15	 100%
Water Use		 6	 45%
Wastewater		 10	 100%
Emissions to Air		 10	 100%
Waste Management		 9	 100%
Pollution Prevention and Chemicals		 5	 100%
Major Incident Prevention and Management			 86%
Contaminated Land/Soil and Groundwater Pollution Prevention			 42%
Land Use and Biodiversity			 36%
Environmental Nuisances		 3	 67%

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