# **How sustainable is your port?**

1. **Do you conduct energy monitoring on a regular basis?**

*E.g.: meters for electric power consumption, fuel consumption, heat consumption, other*

[ ]  YES

[ ]  NO

 If **YES**, then what current measures have you already implemented?

|  |  |
| --- | --- |
| * [ ]  Electric power metering: annually
* [ ]  Electric power metering: monthly
* [ ]  Option 3
 | * [ ]  Fuel consumption register: annually
* [ ]  Fuel consumption register: monthly
* [ ]  Option 6
 |

[ ]  Other, explain more here, own words: Click or tap here to enter text.

1. **Do you have an environmental OR ENERGY policy in the port?**

*E.g.: long-term policy with environmental targets: cut emissions/noise, energy use, other*

[ ]  YES

[ ]  NO

 If **YES**, then what is it? What are the current environmental goals of the port?

|  |  |  |
| --- | --- | --- |
| * [ ]  Environmental policy
* [ ]  Energy policy
* [ ]  Option 3
 | * [ ]  Noise reduction
* [ ]  Air emission reduction
* [ ]  Energy efficiency
 | [ ]  Renewable energy[ ]  Waste management[ ]  Wastewater management |

[ ]  Other, explain more here, own words: Click or tap here to enter text.

1. **Have you implemented any international or national environmental or energy standards, CERTIFICATES OR SYSTEMS?**

*E.g.: ISO 14001, ISO 50001, other*

 [ ]  YES

[ ]  NO

If **YES**, then what are they?

|  |  |  |
| --- | --- | --- |
| * [ ]  ISO 50001
* [ ]  ISO 50001 FAMILY:
* any standard(s) from ISO 50002 to ISO 50049
 | [ ]  ISO 14001[ ]  ISO 17741-17743[ ]  ISO/IEC 13273-1[ ]  ISO/IEC 13273-2 | [ ]  BS EN 16001[ ]  EMAS scheme[ ]  PERS system |

[ ]  Other, explain more here, own words: Click or tap here to enter text.

1. **Do you have an environmental department or experts in the port?**

*E.g.: environmental engineer(s) or health, safety and environment specialist(s), other*

[ ]  YES

[ ]  NO

If **YES**, then what is his/her/their role in the port's environmental performance?

|  |  |  |
| --- | --- | --- |
| * [ ]  Environmental engineer
* [ ]  Energy expert
* [ ]  HSE specialist
 | [ ]  Environmental department[ ]  Part-time energy specialist[ ]  Option 6 | * [ ]  Option 7
* [x]  Option 8

[x]  Option 9 |

[ ]  Other, explain more here, own words: Click or tap here to enter text.

1. **Have you already implemented any energy efficiency measures?**

*E.g.: installation of LED lights, motion sensors, intelligent lighting, electrification of port vehicles, use of alternative fuels, other*

 [ ]  YES

[ ]  NO

If **YES**, then what are those measures? What are the current savings? How much has your energy efficiency improved compared to before installing those measures?

|  |  |  |
| --- | --- | --- |
| * [ ]  Energy audit
* [ ]  Energy management system
* [ ]  Smart grid
 | * [ ]  Electro-transport
* [ ]  LED lighting
* [ ]  Smart lighting
 | [ ]  Building insulation * [ ]  Option 8

[ ]  Option 9 |

[ ]  Other, explain more here, own words: Click or tap here to enter text.

1. **Have you already implemented any renewable energy production alternatives?**

*E.g.: installation of solar panels, windmills, tidal energy generators, and other*

[ ]  YES

 [ ]  NO

If **YES**, then what are those examples? How much energy do they produce, kWh? What is the share they cover for your own energy use, %?

|  |  |  |
| --- | --- | --- |
| * [ ]  Biogas plant
* [ ]  Solar panel(s)
* [ ]  Windmill(s)
 | * [ ]  Tidal energy generator
* [ ]  Hydropower generator
* [ ]  Geothermal energy generator
 | * [ ]  Option 7
* [ ]  Option 8

[x]  Option 9 |

[ ]  Other, explain more here, own words: Click or tap here to enter text.

1. **are you intending to meet the eu 2030 energy targets?**

*E.g.: 32.5% better energy efficiency, 32% share of renewables, 14% of transport fuel from renewables*

[ ]  YES

[ ]  NO

If **YES**, then what are your next steps towards meeting them?

|  |  |  |
| --- | --- | --- |
| * [ ]  Renewable: SOLAR
* [ ]  Renewable: WIND
* [ ]  Renewable: TIDAL
 | * [ ]  Renewable: BIOENERGY
* [ ]  Renewable: GEOTHERMAL
* [ ]  Renewable: OTHER
 | [ ]  New lighting[ ]  New fuel[ ]  Energy meters |

[ ]  Other, explain more here, own words: Click or tap here to enter text.

SURVEY COMPLETED! THANK YOU!

HOW IS YOUR RESULT?

|  |
| --- |
| If your number of “YES”-answers is |
| 1 - 2 | WORTH OF IMPROVEMENT | * The port may need improvement in its energy profile in order to keep up with EU energy regulations and strategies. It will also help to adopt innovative energy solutions, lower the port’s energy consumption and, not the least, save costs.
 |
| 3 - 5 | ON THE WAY TO SUSTAINABILITY | * The port has already implemented measures to improve its energy performance. The port authorities are environmentally responsible and aware of potential benefits from the image of the organization, as a sustainable port.
 |
| 6 - 7 | ONE OF THE LEADING SUSTAINABLE ANDENERGY-EFFICIENT PORTS | * The port is among the national and international forerunners of the sustainable port initiative. It has good energy management (control, efficiency, production) practices.
 |