BEREC QUESTIONNAIRE TO NATIONAL AUTHORTIES ON SUSTAINABILITY INDICATORS FOR ELECTRONIC COMMUNICATIONS

Fields marked with * are mandatory.

BEREC QUESTIONNAIRE TO NATIONAL AUTHORTIES ON SUSTAINABILITY INDICATORS FOR ELECTRONIC COMMUNICATIONS

In its report 'Assessing BEREC's contribution to limiting the impact of the digital sector on the environment', BEREC underlines the need to identify the relevant indicators to better characterize the environmental impact of ECNs and ECSs, in line with the objectives the European Commission's digital strategy 'Shaping Europe's digital future' and the European Green deal. BEREC also aims to investigate how its expertise on electronic communications could be further used to improve data accuracy on the ICT sector's environmental footprint.

Therefore, BEREC decided to work on the environmental transparency of the telecommunications industry and to map and analyze most relevant indicators to evaluate the environmental footprint of the sector as stated in its Work Program 2022 . BEREC considers that exploring a consistent and sufficiently robust set of indicators is a necessary precondition to help public authorities, economic actors as well as the end-users to make informed decisions.

In this frame, BEREC is opening a call-for-inputs and engaging with stakeholders and other public bodies working on the issue through workshops, bilateral exchanges and questionnaires to feed its analysis and avoid duplicating exiting work.

With this questionnaire, BEREC invites its members, and if relevant and appropriate, other competent authorities [1] to provide information on their potential ongoing and planned activities and work on sustainability indicators.

The information provided will be a contribution of great importance for the BEREC report on sustainability indicators for telecommunications to be published in 2023 as well as for the planning of future work of BEREC in the field. So please be aware before replying to questionnaire that by answering to the questions, you accept that any information provided is likely to be published if not indicated as confidential.

[1] National regulatory authorities members of BEREC are responsible of sending the questionnaire to other competent authorities of their Member States if appropriate.

Identification of the respondent autority

* 1. Please enter your name and surname

* 2. State

* 3. Contact person/email

* 4. Name of the authority

* 5. Are you a member of BEREC?

    ◯ Yes

    ◯ No

* 5.1. Do you want to inform BEREC about measures or actions you may have taken regarding the environmental sustainability of the telecom industry (or more broadly regarding of the ICT sector) and that BEREC is not yet aware of?

    ◯ Yes

    ◯ No

    ◯ N/A

5.1 Please specify

* 5.2. Do you foresee future projects to examine environmental sustainability issues in the sector you would like to share?

    ◯ Yes

    ◯ Not at this stage

5.2 Please specify

Questions on data collection and environmental indicators

* 5.3. Do you have a legal mandate or any relevant provision to collect environmental data from telecom operators or other digital industry players (i.e. devices manufacturers, digital services, content and application providers, data centers operators…)?

- ○ Yes
- ○ No
- ○ Don't

5.3 Please specify the legal mandate and the conditions of implementation

[   ]

* 5.4. Do you collect information and data on the environmental impacts and performance of electronic communications, or with a wider perspective on the ICT sector

- ○ Yes
- ○ No

5.4 Please specify

[   ]

* 5.4.1. What is the precise scope of your environmental data collection in the digital sector?

[   ]

5.4 Please specify

[   ]

* 5.4.2. What type of sustainability indicators do you collect? (Ex: GHG emissions, energy consumption, resource use, energy efficiency, recyclability, use of renewable energy…)

[   ]

5.4.3. Do you publish this data?

- ○ Yes

- ◎ Partly
- ◎ No

5.4.3.1. Do you publish this data under an open license?

- ◎ Yes
- ◎ Partly
- ◎ No

5.4.3.1 Please provide relevant links

[ ]

* 5.4.3.2. Are the data individualized by players/company (i.e. not published in aggregated version)?

- ◎ Yes
- ◎ Partly
- ◎ No

5.4.3.2 Please provide relevant links

[ ]

5.4.3.3. Do you use existing standards or methodologies (for instance ITU, ETSI or ISO standards, "Product Environmental Footprint" methodology from the European Commission…)?

- ◎ Yes
- ◎ No

5.4.3.3 Please specify

[ ]

5.4.3.4. Do you foresee to collect other sustainability indicators in the near future on electronic communications or more broadly, regarding the ICT sector?

- ◎ Yes
- ◎ Partly
- ◎ No

5.4.3.4 If yes, please specify

[ ]

5.4.3.5. What main technical challenges you encounter or had to overcome to develop your environmental data collection on the telecom / ICT industry?

[ ]

* 5.5. Do you collect information and data which could be useful on from an environmental perspective i.e. which inform on a perimeter that could impact electronic communications environmental footprint (for instance: sales volumes, data consumption on mobile or fixed lines, number of sites, devices distribution/usage, etc)?

- ⊙ Yes
- ⊙ No
- ⊙ Don't know

5.5 Please specify

[ ]

* 5.6. Are you aware of any other public authorities in your Member State which are collecting environmental data or assessing the environmental impact/performance of electronic communications, or eventually with a wider perspective on the digital sector?

- ⊙ Yes
- ⊙ No
- ⊙ Don't know

5.6 Please specify the name of the authority and the nature of the task/project (ad hoc or recurrent study, relevant publication and link…).

[ ]

5.7. In your view, how to foster environmental transparency in the telecom sector, or more largely in the ICT industry, and increase comparability of figures among economic players?

[ ]

5.8. Please indicate any comment you may have or document you would like to share to BEREC regarding sustainability of telecommunications and IT products and services

[ ]

Please upload your file

* 5.9. What is the perimeter of your authority activities? Which sector(s) do you regulate?

[ ]

* 5.10. Do you have a legal mandate to collect environmental data from telecom operators or other digital industry players (i.e. devices manufacturers, digital services, content and application providers, data centers operators…)?

○ Yes

○ No

○ Don't know/Unclear

5.10 Please specify the legal mandate and the conditions of implementation

[ ]

* 5.11. Do you collect information and data which could be useful from an environmental perspective i.e. which inform on a perimeter that could impact electronic communications environmental footprint (for instance: sales volumes, data consumption on mobile or fixed lines, number of sites, devices distribution/usage, etc)?

○ Yes

○ No

○ I don't know

5.11 Please specify and provide any relevant link

[ ]

* 5.11.1. What is the precise scope of your environmental data collection in the telecom /digital sector?

[ ]

* 5.11.2. What type of sustainability indicators do you collect? (Ex: GHG emissions, energy consumption, resource use, energy efficiency, recyclability, use of renewable energy…)

[ ]

* 5.11.3 Do you publish the data ?

○ Yes

○ Partly

○ No

5.11.3 Please specify and provide the link to the publication

[ ]

* 5.11.3.1. Do you publish this data under an open license ?

○ Yes

○ No

○ Partly

5.11.3.1 Please specify

[ ]

* 5.11.3.2. Are the data individualized by player/company?

○ Yes

○ Partly

○ No

5.11.3.2 Please specify

[ ]

5.12. Do you use specific standards and existing methodologies to this aim (for instance ITU, ETSI or ISO standards, "Product Environmental Footprint" methodology from the European Commission JRC…)?

○ Yes

○ No

5.12 Please specify

[ ]

5.13. Are you aware of any other public authorities in your state which are collecting environmental data or assessing the environmental impact/performance of electronic communications, or eventually with a wider perspective on the digital sector?

○ Yes

○ No

  ◉ Don't know

5.13 Please specify the name of the authority and the nature of the task/project (ad hoc or recurrent study, relevant publication and link…).

>

5.14. In your view, how to foster environmental transparency in the telecom sector, or more largely in the ICT industry, and increase comparability of figures among economic players?

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5.15. Please indicate any comment you may have or document you would like to share to BEREC regarding sustainability of telecommunications and IT products and services.

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Thank you for your time and valuable input !