# 

Ecodesign Preparatory Study  
ENTR Lot 8: Power Cables

[Contract n°185/PP/ENT/IMA/12/1110333]

**Questionnaire for Cable Manufacturers**

September 2013

# Introduction

The Ecodesign Directive 2009/125/EC establishes a framework for setting ecodesign (e.g. energy efficiency) requirements for energy-related products with the aim of ensuring the free movement of those products within the internal market.

The ENTR LOT 8 preparatory study is the first step in considering whether and which ecodesign requirements could be set for power cables in indoor electrical installations. To this end, technical and economic data is needed from the stakeholders to ensure that the study accurately reflects reality.

This questionnaire document is intended to structure your data input to reflect the current and future situation in the power cables market (EU).

This study on “Power cables in indoor electrical installations” covers **Low Voltage** power cables, **on the customer side of the electricity meter,** for **fixed** **wiring** used in **indoor** electrical installations for residential and non-residential buildings (e.g. offices, flats, schools, stores, hospitals…). These cables can be single core or multi-core, sheated or non-sheated depending on the application and on the European and National wiring regulations.

We are aware that for many aspects there might be no concrete data, but an expert’s educated guess would be better than no data at all. Therefore, we encourage you to fill data gaps through “educated guesses”. In case you don’t have access to the information asked, please do not hesitate to skip questions and leave blank answers.

This study is carried out by VITO on behalf of the European Commission to prepare the implementation of The Ecodesign Directive ((2009/125/EC). More information on this study can be found at the study website <http://www.erp4cables.net/>.

Please contact [info@erp4cables.net](mailto:info@erp4cables.net) in the event of any questions.

# Contact details

|  |  |
| --- | --- |
| Name of the company/organisation: |  |
| Name: |  |
| Country: |  |
| Sector: |  |
| Position/Department: |  |
| Contact (Email): |  |

# Confidentiality

None of the information you will provide will be published as such. The data will be aggregated and averaged to be representative of the EU market. We ensure complete confidentiality, however, it is also possible to sign a NDA between Vito and your company. Please do not hesitate to contact us for such agreement.

Please state explicitly if you would prefer to provide information only under the terms of confidentiality. If you have already signed a non-disclosure agreement (NDA) with VITO, please skip this section.

Confidential data: No Yes

# Submission

Please provide your feedback at the latest on **21 October 2013** to: [**info@erp4cables.net**](mailto:info@erp4cables.net)

# Power cables for Indoor Electrical Installations: sales information

1. Indicate the annual EU27 (27 member states of European union in 2010) of sales for the year 2010 of power cables per cross cable section (CSA) and per number of cores. Please express in **kilometer** cable.

(If you have this information available in another format, please feel free to enclose it as an attachment.)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | EU27 cable sales (year 2010) amount in km | | | | |
| CSA mm² | Single core cable | 2-core cable | 3-core cable | 4-core cable | 5-core cable |
| 0,75 |  |  |  |  |  |
| 1 |  |  |  |  |  |
| 1.5 |  |  |  |  |  |
| 2.5 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| 6 |  |  |  |  |  |
| 10 till 35 |  |  |  |  |  |
| 50 till 120 |  |  |  |  |  |
| 150 till 300 |  |  |  |  |  |
| More than 300 |  |  |  |  |  |

Remarks:

1. Highlight the countries that are part of your market; which cable labelling standard is used in these countries; and the installation code/national wiring code for indoor installations (e.g. AREI code for Belgium, NFC 15-100 for France, ...)

|  |  |  |  |
| --- | --- | --- | --- |
|  | Country sales | Cable marking/ code designation standard | Installation or national wiring code |
| Austria |  |  |  |
| Belgium |  |  | AREI |
| Bulgaria |  |  |  |
| Croatia (EU28 2013) |  |  |  |
| Cyprus |  |  |  |
| Czech Republic |  |  |  |
| Denmark |  |  |  |
| Estonia |  |  |  |
| Finland |  |  |  |
| France |  |  | NFC 15-100 |
| Germany |  |  |  |
| Greece |  |  |  |
| Hungary |  |  |  |
| Ireland |  |  |  |
| Italy |  |  |  |
| Latvia |  |  |  |
| Lithuania |  |  |  |
| Luxembourg |  |  |  |
| Malta |  |  |  |
| Netherlands |  |  | NEN 1010 |
| Poland |  |  |  |
| Portugal |  |  |  |
| Romania |  |  |  |
| Slovakia |  |  |  |
| Slovenia |  |  |  |
| Spain |  |  |  |
| Sweden |  |  |  |
| United Kingdom |  |  |  |

Remarks:

|  |
| --- |
| **Please provide your feedback at the latest on** **21 October 2013**  **to**: [**info@erp4cables.net**](mailto:info@erp4cables.net) |

Thank you very much in advance for your participation!

With best regards,

The ENTR Lot 8 team.