

Ecolabelling certification for Fuel cell technology

Elena Rocco, RINA Consulting spa



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Ecolabelling is a voluntary method for certifying and labelling the environmental performance of products or services. The environmental labels are defined within the ISO series 14020.

Objectives



- Analysis of existing options for ecolabelling certification
- Identification of main criteria used for the evaluation of the environmental performances
- Drafting of guidelines to assess the sustainability of fuel cell technology, adapting the existing options to the sector



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EU Ecolabel



The international EPD® System



THE INTERNATIONAL EPD® SYSTEM

- ✓ Voluntary systems, with third party verification
- ✓ Multiple-criteria-based
- ✓ The rules to be followed for a given product category are defined within specific **Product Groups**
- ✓ Criteria include minimum or threshold values
- ✓ Geographic scope: international
- ✓ Sector: generic
- ✓ More than 90.000 certified products

- ✓ Voluntary systems, with third party verification
- ✓ Multiple-criteria-based (LCA based)
- ✓ The rules to be followed are defined within specific **Product Category Rules (PCR)**
- ✓ No threshold values
- ✓ Geographic scope: international
- ✓ Sector: generic
- ✓ More than 4.000 published EPDs



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As of now **Product Group** or **Product Category Rule** do not exist for fuel cells.

In response, guidelines have been drafted to facilitate their prospective development.

Specifically, the procedures for proposing and developing a Product Group for EU Ecolabel and a Product Category Rule for the International EPD® System are outlined, along with draft criteria for their implementation.

The proposed guidelines are based on the relevant scheme document, but also on the existing LCA studies for fuel cells.





Thank you!



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