



Verification of energy efficiency requirements for large products – Power transformers and fans.



Industrial and Tertiary Product Testing and Application of Standards (INTAS) is a project funded by the EU's Horizon 2020 programme. Its aim is to help solve difficulties that MSAs and market actors face in establishing and verifying compliance of large industrial products subject to the requirements of the Ecodesign Directive.

Target stakeholders

INTAS provides technical support and capacity building activities to:

Market Surveillance Authorities

(MSAs) concerned with the enforcement of Ecodesign Directive requirements for very large products.

Product manufacturers and distributors to understand their legal obligations concerning the Ecodesign requirements for fans and transformers and to deliver compliance in a manner that will be broadly accepted by MSAs.

End consumers in professional sectors to understand the energy efficiency gains which they benefit from due to the minimum efficiency and performance requirements related to these product categories.

Project activities

INTAS consists of the following work areas:

Landscape of testing avenues

INTAS monitors and analyses current testing practices in Europe and the rest of the world, and reviews test standards, facilities, procedures and methods already in place for large products with a specific focus on power transformers and fans.

Defining an effective compliance framework for MSAs and manufacturers

INTAS is engaged in defining the process and methodology by which MSAs can identify, select, and evaluate large industrial power transformers and fans for the energy efficiency related requirements.

Evaluation of compliance assessment methodology

INTAS analyses the results of the previously conducted assessments, processes and analysis, and ensures that the proposed methodology is valid and reliable by undertaking pilot testing schemes.

MSA collaboration and strategic capacity building

Throughout the project, the INTAS partners will foster market surveillance collaboration between MSAs and raise awareness and information exchange of the product energy performance and market surveillance among key stakeholders, decision makers and end users.



Partners, governance and schedule

The INTAS consortium consists of national MSAs or cooperating organisations from the following Member States:

- Austria
- Denmark
- Poland
- Spain
- Belgium
- Finland
- Portugal
- Czech Republic
- Italy
- Rumania

Project Coordinator: WIP – Renewable Energies, Germany

The INTAS activities take place between March 2016 and February 2019.

An advisory group of European stakeholders provides input to the development of the project on a voluntary basis and consists of representatives from trade and industry associations, civil society organisations and subject experts.

Engaging with the project and further information



The INTAS project includes activities to foster dialogue and information exchange with other authorities, industry and end users and welcomes engagement from partners beyond just those within the project consortium. Should you represent such a stakeholder you are cordially invited to contact the project coordinator to express your interest and to explore options to engage with the INTAS consortium.

WIP – Renewable Energies

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More information: www.intas-testing.eu

Sign up online for the project newsletter to be informed on our latest activities and future plans

List of project partners

Europe: WIP – Renewable Energies, European Environmental Citizens' Organisation for Standardisation, European Copper Institute, Engineering Consulting and Design, Waide Strategic Efficiency

Austria: Austrian Energy Agency

Belgium: Federal Public Service Health, Food Chain, Safety and Environment

Czech Republic: SEVEn Energy Efficiency Center

Denmark: Danish Technological Institute

Finland: Finnish Safety and Chemicals Agency

Italy: Italian National Agency for New Technologies, Energy and Sustainable Economic Development

Poland: The Polish Foundation for Energy

Portugal: Directorate General of Energy and Geology, Economic and Food Safety Authority

Romania: Romanian Regulatory Authority for Energy

Spain: Foundation for the Promotion of Industrial Innovation