

Ecodesign and the Portuguese HVAC sector (Lisboa, 29 June)

INTAS - Industrial and Tertiary Product Testing and Application of Standards

Project time frame: Mar 2016 – Feb 2019

Financial support: UE H2020 - EE-15-2015 – CSA (contract: # 695943)



INDUSTRIAL AND TERTIARY
PRODUCT TESTING AND
APPLICATION OF STANDARDS



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Scope & Objectives

Scope

Energy Efficiency and the EcoDesign Directive 2009/125/EC

Objectives

In the frame of the EcoDesign Directive for energy-related products, and considering the EU objective to realize the savings potential that EE improvements can deliver in selected product groups, the INTAS project aims to:

- a) **Develop & Test:** A compliance verification method to address large/complex products (cases: power transformers, industrial ventilators), whose verification process is currently exhibiting great limitations;
- b) **Support Equipment Manufacturers:** in the Member States, support equipment manufacturers in the conformity of their products with the EcoDesign Directive;
- c) **Contribute** to the Verification Process: in the Member States, support market surveillance authorities, and the coherency and consistency of the process applied to those product groups;
- d) **Adopt** common approach: at a EU scale, contribute to a common validated approach.



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Background

- Industrial products represent **some of the highest energy savings potentials** of all products regulated under the Ecodesign Directive.
- There is **difficulty for market actors face in establishing and verifying compliance** with Eco-design requirements:
 - lack of expertise within MSAs for these particular products,
 - lack of person and financial resources,
 - lack of experience in testing large products,
 - lack of available laboratories.
- A general call from Industry associations and Member States for **more, and better, market surveillance** to take place in the Union



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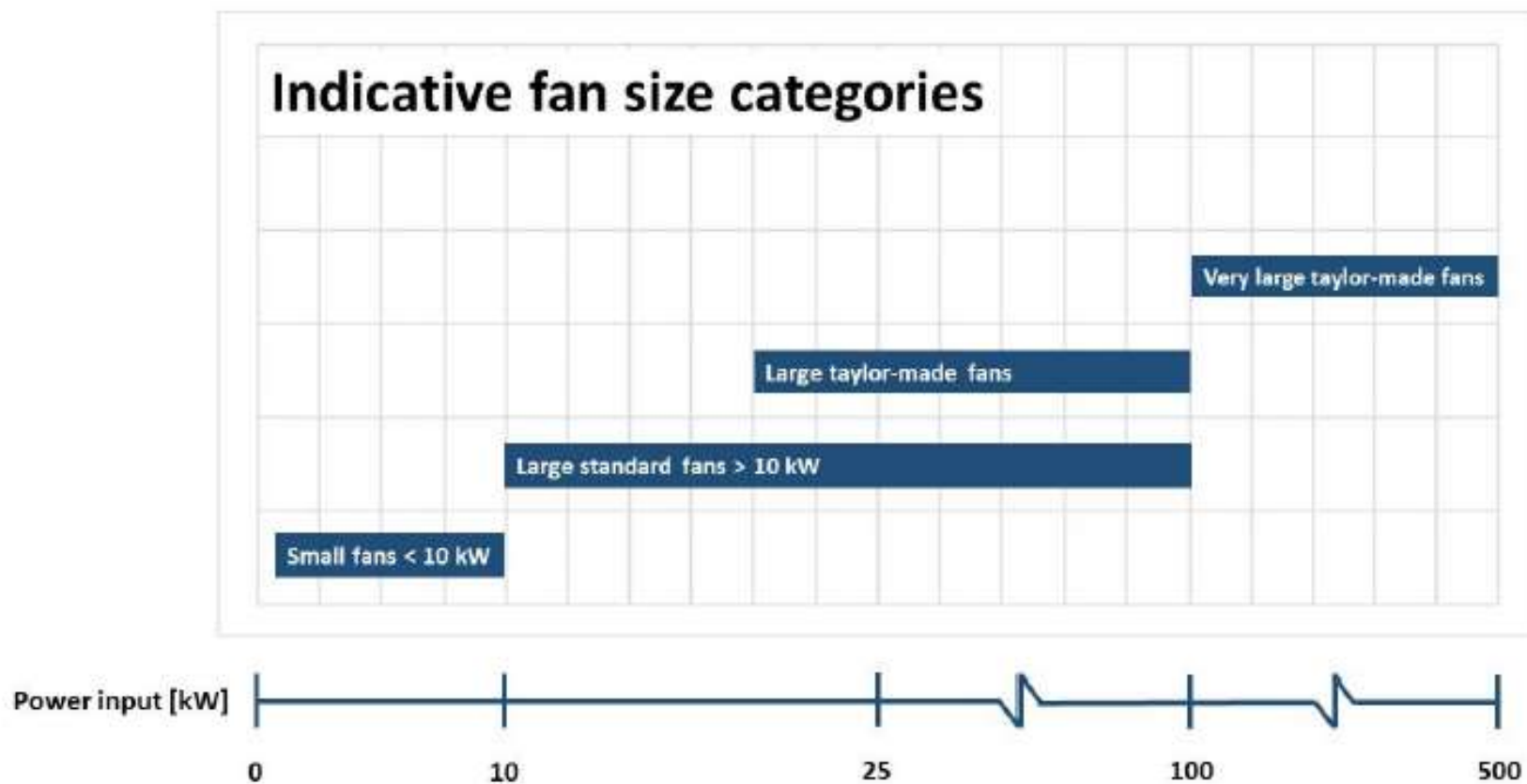
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Indicative fan size categories



Fans: Testing requirements

Small fans – 3rd party laboratory



Source: DTI

Large fans – Manufacturer laboratory



Source: Witt&Sohn



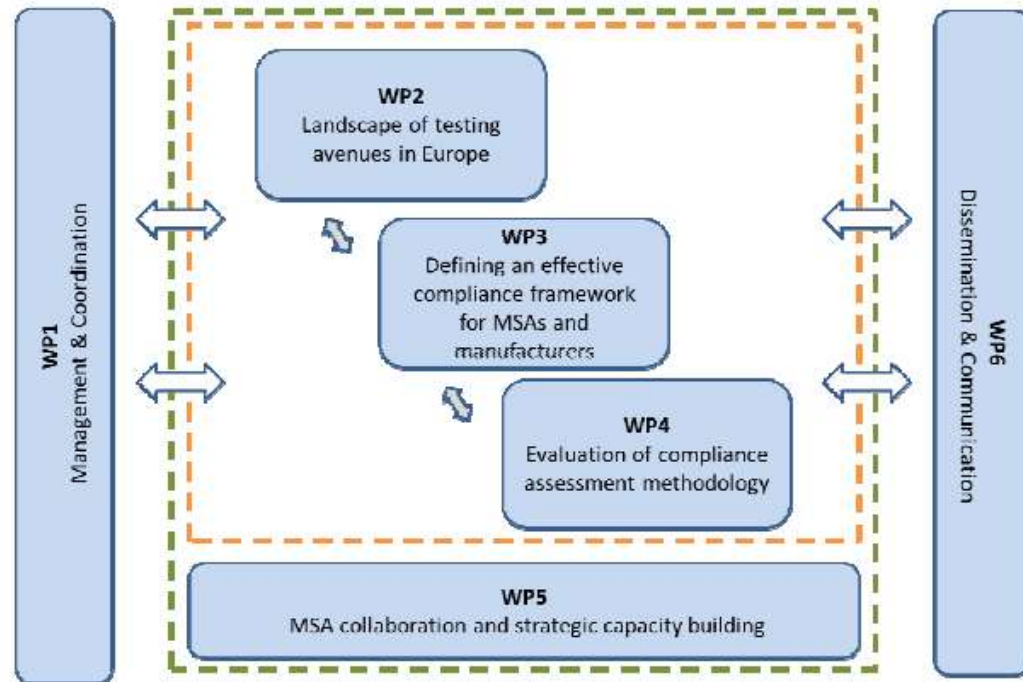
List of participants		
N°	Participant name in English (Participant short name) Role in the project – Area of activities implementation	Country
1	WIP – Renewable Energies (WIP) Coordinator – Europe and worldwide	Germany
2	European Environmental Citizens' Organisation for Standardisation (ECOS) Technical expert – Europe	Belgium
3	European Copper Institute (ECI) Technical expert – Europe	United Kingdom
4	Engineering Consulting and Design (ECD) Technical expert – Europe	Italy
5	Waide Strategic Efficiency Ltd. (WSE) Technical expert – Europe	United Kingdom
6	Austrian Energy Agency (ASE) National focal point – Austria	Austria
7	Federal Public Service Health, Food chain Safety and Environment (BHTC) National focal point – Belgium	Belgium
8	SEVEn, The Energy Efficiency Center (SEVEn) National focal point – Czech Republic	Czech Republic
9	Danish Technological Institute (DTI) National focal point – Denmark	Denmark
10	Finnish Safety and Chemicals Agency (TUKES) National focal point – Finland	Finland
11	Polish Foundation for Energy Efficiency (FEWE) National focal point - Poland	Poland
12	Direção Geral de Energia e Geologia (DGEG) National focal point - Portugal	Portugal
13	Regulatory Authority for Energy (ANRE) National focal point – Romania	Romania
14	Fundación para el Fomento de la Innovación Industrial - Laboratorio Central Oficial de Electrotecnia (FFII-LCOE) National focal point – Spain	Spain
15	Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA) National focal point – Italy	Italy
16	Food and Economic Safety Authority (ASAE) National focal point – Portugal	Portugal



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Work Programme

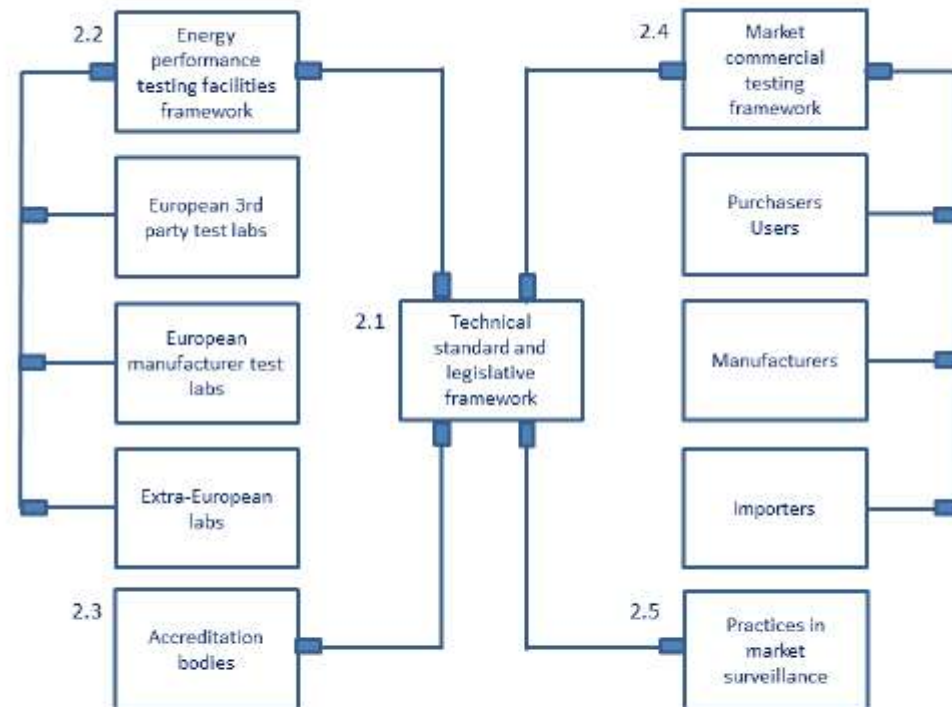


1. Project management (WIP)
2. Landscape of testing avenues (ECD)
3. Defining an effective compliance framework for MSAs and manufacturers (AEA)
4. Evaluation of compliance assessment methodology (ECOS)
5. MSA collaboration and strategic capacity building (WSE)
6. Dissemination and communication (ECOS)

WP2

Work package number	2			Start Date or Starting Event	2 – 12			
Work package title	Landscape of testing avenues							
Participant number	1	2	3	4	5	6	7	8
Short name of participant	WIP	ECOS	ECI	<u>ECD</u>	WSE	AEA	BHTC	SEVEn
Person/months/participant:	0,4	0,1	2,5	3,5	0,3	0,1	0,1	0,3
Participant number	9	10	11	12	13	14	15	16
Short name of participant	DTI	TUKES	FEWE	LNEG	ANRE	FFII-LCOE	ENEA	ASAE
Person/months/participant:	3,2	0,1	0,1	1,3	0,1	3,4	1,3	0,1

Industrial subjects are focused on the compliance for their specific product group and MSAs are typically planning market surveillance for one specific product group at a time.



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Each Task foresees two different leaders (respectively for power transformers and large fans) but the whole WP is led and coordinated by a single subject. For the sake of simplicity the following references for product groups are used:

- A. Power transformers
- B. Fans

Dissemination activities

- **Partner networks**
 - National project partners will act as the focal point within their own country
- **European Focal point**
 - A network shall also be established for input from EU-level organisations.
- **Events/conferences** – throughout the life time of the project
- **Website** – September 2016



Key dates

- Kick off – Spring 2016 (München: 31 mar-1 apr) Stakeholders' agendas
↑↓
- National and European focal point first contact – **Late 2016/Early 2017**
- Input from stakeholders – **Spring 2017**
- Testing activities – **2017-2018** (+ Regulation review date, Article 7)
- Feedback to stakeholders – **Early 2018**
- Analysis of findings – **Mid 2018**
- Policy and standards recommendations – **Late 2018/Early 2019**
- End of project – **Spring 2019**

Thank you for listening

Paulo Partidário
Rui Frazão

DGEG-Divisão Estudos, Investigação & Renováveis
Avenida 5 Outubro, 208 , 1069-203 Lisboa, PT

