

EU SUSTAINABLE ENERGY WEEK



Effective market surveillance
for large industrial products

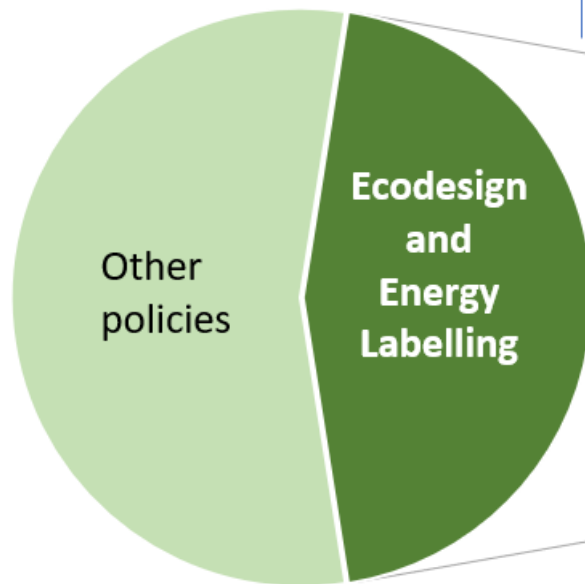
INTAS H2020 project
Nerea Ruiz, ECOS

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Ecodesign is a key element...

20% Energy Efficiency target



Ecodesign and Energy Labelling will deliver almost 1/2 of the 20% Energy efficiency target by 2020, through:

-Setting minimum energy efficiency standards for products

-Eliminating the least performing products from the market

-Supporting industrial competitiveness and innovation

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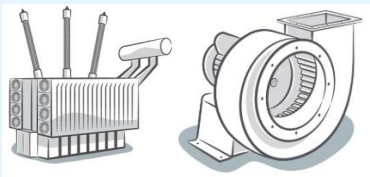
Electronics

Displays, computers, servers, ...



Domestic appliances

Lighting, fridges, washing machines, ...



Industrial products

Fans, transformers, motors, ...



Other energy-related products

Taps and showerheads, windows, ...

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...and needs effective market surveillance

- Power transformers + industrial fans = 44TWh potential savings

But **10% of energy savings lost** because **10-25% of products do not comply** with energy efficiency requirements

- Low market surveillance of large products impedes level-playing field

More market surveillance to unlock savings potential!

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About INTAS H2020 project

INDUSTRIAL AND TERTIARY PRODUCT TESTING AND APPLICATION OF STANDARDS

- European project (Horizon 2020 - Energy Efficiency)
- Active from March 2016 to February 2019
- Budget: aprox. 1,9 million Euros (incl. product testing)



INTAS



Co-funded by the Horizon 2020
programme of the European Union

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INTAS project consortium

16 partners

- 11 national Market Surveillance Authorities (MSAs)
- 5 cooperating organisations at European level

Europe: WIP, ECOS, ECI, ECD, WSE

Austria: AEA

Belgium: BHTC

Czech Republic: SEVEn

Denmark: DTI

Finland: TUKES

Italy: ENEA

Poland: FEWE

Portugal: DGEG, ASAE

Romania: ANRE

Spain: FFII-LCOE

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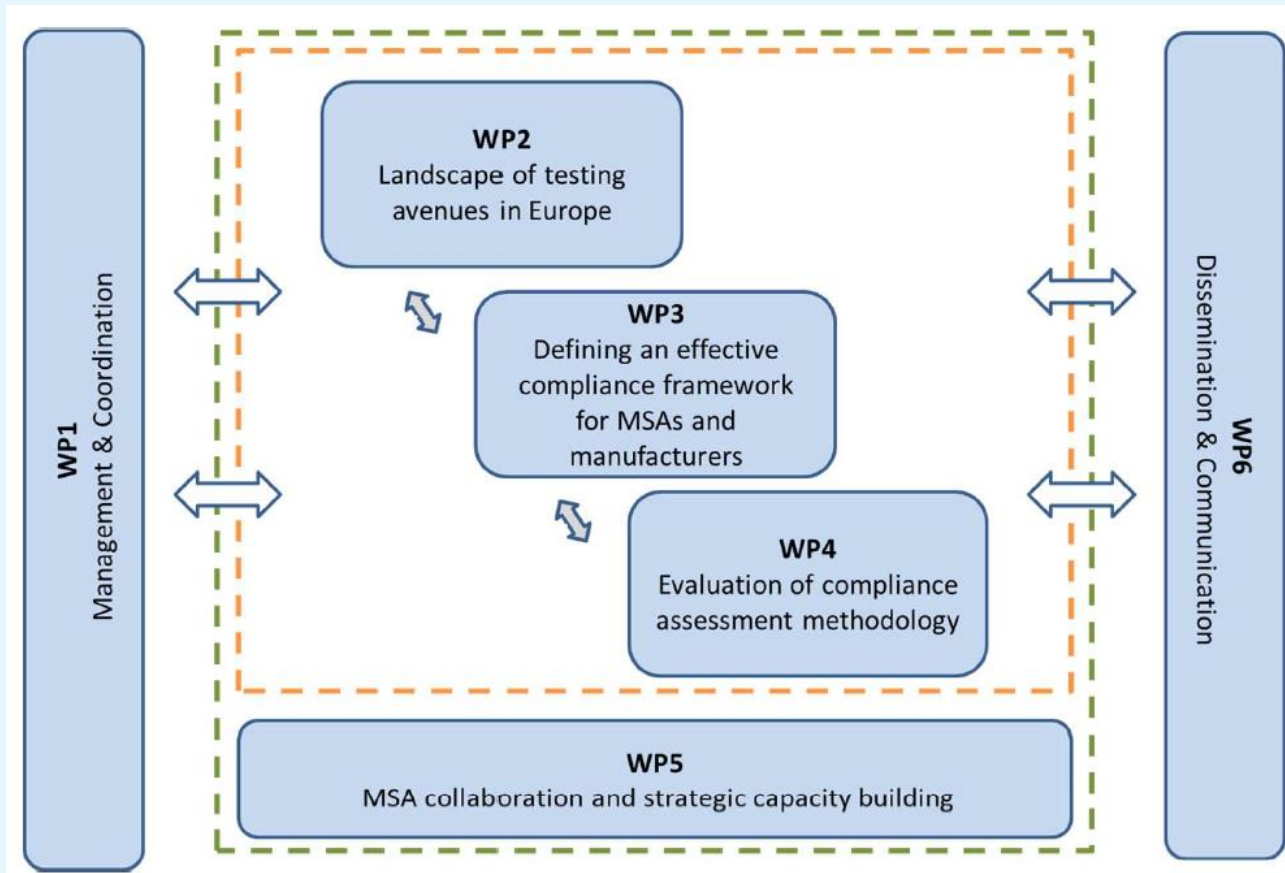
INTAS project goals

- Support EU **MSAs** deliver compliance for large industrial products:
 - **Fans**
 - **Power transformers**
- Support **industry** in their obligations under the Ecodesign Directive and deliver compliance
- Foster **common EU approach** to the delivery and verification of compliance

Some challenges to be tackled

- MSAs have limited resources
- High costs and difficulties to transport large products
- Lack of common understanding of compliance and testing procedures in current legislative prescriptions
- Stage of verification taking place (before installation/in-situ)
- High costs and impracticalities for verification post installation

INTAS project flow and outcomes



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Definition of market surveillance methodologies

DRAFT

Steps for verification

Options

0. General information

- Information on requirements
- Information meetings to market actors, guidelines, ...

1. Product screening / sample selection

a. Product identification

b. Product classification

Check list

2. Documentation inspection

Compliance with product information & technical documentation requirements in Regulation

3. Testing

Testing at 3rd party lab.

Testing at manufacturer's premises

In-situ testing

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What's next?

June
2018

National
Focal Point
meetings

September
2018

Validation of
the market
surveillance
methodologies

October
2018

Policy
recommendations
for industrial
products

February
2019

Final
conference in
Brussels

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More information

about the INTAS project and its results:

www.INTAS-testing.eu

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INDUSTRIAL AND TERTIARY
PRODUCT TESTING AND
APPLICATION OF STANDARDS



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TRANSFORMERS



FANS



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04-08 JUNE 2018

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