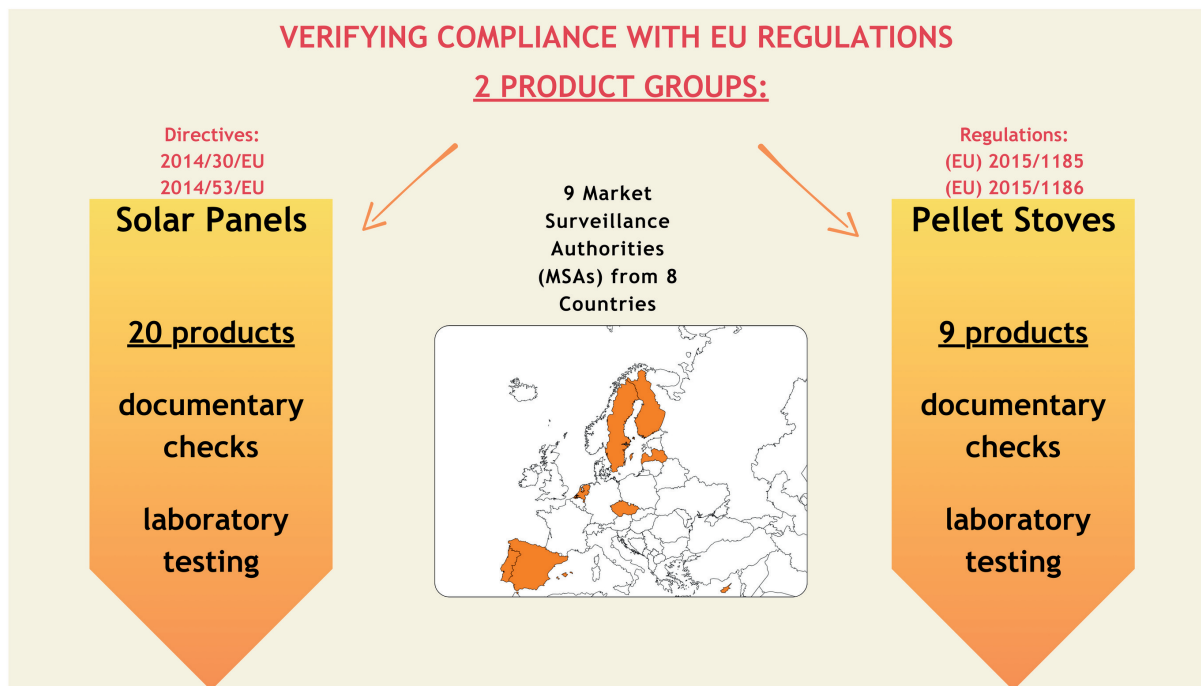


DETECTING NON-COMPLIANT AND DANGEROUS PRODUCTS IN EUROPE

The JAHARP2022-02 is a 24-month pan-European Project co-funded by the European Union (EU). The activity concerned falls within the scope of the Electromagnetic Compatibility Directive (EMCD), the Radio Equipment Directive (RED) and the Ecodesign and the Energy Labelling Regulations.



The Action aims to:

Objective 1 - Remove non-compliant products from the Single Market.

Objective 2 - Support the application of the Regulation (EU) 2019/1020.

9 Market Surveillance Authorities are participating in the Action under the coordination of **PROSAFE**.

Disclaimer

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Innovation Council and SMEs Executive Agency (EISMEA). Neither the European Union nor the granting authority can be held responsible for them.

Calls for Tenders for test laboratories

The [Calls for Tenders](#) for accredited laboratories for the two products were launched on 26 and 29 January 2024, the working groups are currently in the evaluation phase of all received tenders.

Market Surveillance Cycle Where are we now?



Overview of the state of play per working group



Ancillary Equipment to Solar Panels

This project focuses on three types of ancillary equipment to solar panels: Microinverters, String inverters and Optimizers.

Between 1992 and 2023, the worldwide usage of photovoltaics increased exponentially, evolving from a niche market of small-scale applications to a mainstream electricity source. All electrical and electronic devices create electromagnetic fields around them when used and emit electromagnetic radiation, therefore malfunctioning or improperly designed consumer devices can cause electromagnetic interferences in other appliances.

After thorough screening of their national markets, the working group members are in the process of sampling 20 products (i.e., 5 Micro-inverters, 10 String-inverters, and 5 Optimizers), which would then undergo documentary checks and laboratory testing. The primary purpose of this joint action is to assess the compliance of samples taken from the market with the provisions of the EMC Directive 2014/30/EU. Administrative compliance against the CE marking and documentation requirements such as Declaration of Conformity (DoC), other general marking requirements, user information and technical documentation will be checked by the participating Market Surveillance Authorities as well. The findings from the document inspections and laboratory testing will without doubt stimulate discussion with suppliers and most importantly this will benefit all users and help to secure consumer safety within the single market.



Pellet Stoves

This project focuses on pellet stoves, nominally local space heating devices with a nominal heat output of 50 kW or less that emit heat by direct heat transfer following combustion of fuel (compressed wood in the form of pellets).

In the past 6 years, consumer complaints and ICSMS notifications have triggered relatively low scale and low intensity Market Surveillance actions on this product type. The observed non-compliance rate of those cases is over 95%. Investigations in non-EU countries suggest that emissions from these products could be very high and that they could be having a detrimental effect on in home and local air quality.

The MSAs are in the process of sampling 9 products which would then undergo documentary inspection and laboratory testing. Products will be tested for their energy efficiency and emissions levels. Products will be sampled from both physical and on-line shops to ensure broad representation of the market. The working group have so far identified a number of issues with the testing regime surrounding pellet stoves in the EU and are seeking to ensure that testing is conducted in line with current industry practices.

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Communication and Outreach

PROSAFE's web portal www.prosafe.org and social media ([Twitter](#) and [LinkedIn](#)) keep the target audiences regularly updated with news on the project progress thanks to effective communication complemented by infographics and visuals.