



UNIÓN EUROPEA  
Fondo Europeo de  
Desarrollo Regional (FEDER)  
*Una manera de hacer Europa*

## **IDI-20151231 “New line of cables resistant to hydrocarbon fire (HCF) and to Jet Fire (JF)”**

The project’s principal objective is to design and develop a new line of cables that is resistant to *HydroCarbon Fire* and *Jet Fire*, intended for use in high-risk zones such as oil rigs and civil engineering installations. For this purpose, it has been necessary to develop and test new materials, and also different cable designs based on superposing various layers of fireproof and mechanical material.

The project stands out for the following key developments:

- A new range of cables that can resist HydroCarbon Fire for over 30 minutes, designed for use in high-risk zones such as oil rigs and civil engineering installations.
- A new range of cables that can resist HydroCarbon Fire and Jet Fire for over 30 minutes, designed for use in high-risk zones such as oil rigs and civil engineering installations.
- A new range of fire-resistant cables that are not only attractively priced and easy to install but also safer, designed for use in high-risk zones such as oil rigs and civil engineering installations.
- New ceramifiable materials containing nanosepiolites with optimal fireproof and mechanical properties.

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