



InnHF is...

9 partners from 3 countries:



13 fellows from 11 countries:

China	Jordan
Greece	Pakistan
Iran	Poland
Ireland	Serbia
Italy	United Kingdom

Our mission:

TRAINING

The aim of InnHF project is to offer a multidisciplinary training in the field of risk assessment and maintenance management integrated with human factors; to strengthen and structure initial training of researchers in system engineering at European level; to provide trained researchers with the necessary skills to work in industry. The training is based on the development of a training program aimed at covering all the technical areas of expertise necessary to successfully reach the scientific objectives of the project, and to provide new researchers with a set of innovative skills to maximize their employment prospects in large and/or SM companies

SCIENTIFIC

The core of the project is the development and application of a method to integrate human and organizational factors and maintenance effectiveness within the assessment methods proposed by technical standards applied for evaluation of safety critical equipment and procedures. STEPS: 1) Review of the applicability of the more recent safety standards in different industrial domains; 2) Devising a method to account qualitatively and quantitatively the human factors and the maintenance effectiveness 3) To translate the results in a factual design improvement initiative for new or existing plant or machinery.

How to get it:

TRAINING

The Early Stage Researchers are trained in the three main elements of the training program: RISK ASSESSMENT, HUMAN FACTORS, MAINTENANCE MANAGEMENT. For each technological area two main figures, of industrial interest, are trained: A. a risk analyst, expert in human factors; B. a maintenance expert, with human factor analysis skills. For the Experienced Researchers involved in the project, the training is concentrated on the complementary skills and on the advanced courses in the different training elements.

SCIENTIFIC

The research work is divided into Work-packages, both technical and of training. Starting from the revision of standards and methods used for safety validation of machinery plants and equipment, the current issues and accidents stemming from the overlooking of Human and Organizational factors and maintenance operations have been identified; then, a method able to be integrated with the most important standards will be developed and tested in terms of robustness, usability, and efficacy on end users' case studies. In the end a roadmap to the integration of HOF and maintenance in existing standards will be developed, and then the results will be disseminated.

Contact us!

ARE YOU INTERESTED IN JOINT ACTIVITIES OR IN PARTICIPATING?

For further information, please visit our website www.innhf.eu or contact our:
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