

# PSOPHIA

## PSOPHIA – EU project

PSOPHIA is an European project with the goal to increase security awareness of critical infrastructure operators, adding a human intelligence perspective that focuses on psycho-social factors and their importance and implications towards protecting CI.

Within the existing risk analysis and risk management plans there is a lack of coverage of psycho-social factors. Plans should integrate security vulnerabilities originated by the operators' specific psycho-social conditions. For this reason, the PSOPHIA project aims at researching these conditions, creating a model for security by using artificial intelligence and raising awareness for those conditions. The project will end in June of 2014.

## Organization

The PSOPHIA project is a cooperation of four partners: PESI (Spain), Tecnalía (Spain), CEA (France) and InfoSecure (The Netherlands). Each of them have their own responsibilities within the project.

The project is divided in six working packages:

- WP 1: Research, including questionnaires and surveys (Tecnalía)
- WP 2: Human Intelligence Techniques (PESI)
- WP 3: Artificial Intelligence Techniques (CEA)
- WP 4: Elaboration of a guideline (Tecnalía)
- WP 5: Training tools and demo (InfoSecure)
- WP 6: Dissemination (PESI)

## Questionnaire

A part of the first working package is a questionnaire. This questionnaire has three target groups: Process Operators, Human Resources and Security Officers. The aim of the questionnaire is to obtain information and opinions about current practices and needs of improvement.

In return for participation in this questionnaire, the organisations get to use the demo training tools developed in WP 5.

## Expected outcome

The outcome of the project is:

- Report Human factors for security in Critical Infrastructure
- Web Forum to exchange discussions, suggestions, etc.
- Training tools for raising awareness (for example videos, interactive elements, serious games)
- University Module ready to be taught at an university or academic institution

## Project details

### Project full title:

Increasing Security Awareness of Critical Infrastructure Operators introducing Intelligence Techniques and focusing on Psycho-social and Human factors

### Short title: PSOPHIA

### Objective:

Stimulating, promoting and supporting the development of methodologies for the protection of CI, in particular risk assessment methodologies

### Duration: 15 months

### Total cost: €346.238,04

### EC Funding: €311.060,25

