



NEW GOVERNANCE AND INTEGRATED RISK MANAGEMENT MODEL (RELIABILITY, SAFETY, SECURITY AND RESILIENCE UNDER INDUSTRY 4.0)

Process & Infrastructures Mgt.: Governance, Integrated Risk Mgt. Reliability and Safety (Operation, and Compliance (GRC) RAMS, PLM, Maintenance, BIM) Safety-Security & Resilience Plans People (safety -(business continuity, CI **Environmental Safety & Climate** dependencies, indicators...) change afection security culture) Industry 4.0 Cyber-Security (Industrial Emergencies Mgt. (Disaster/Crisis Preparation, Information Systems) Civil Protection collaboration) Corporate Security (protection of & Enabling Technologies staff, infrastructures and K./IP...) OSH: Safe working environments, PPE, safety systems,... (towards Human Factor in Security corporate wellbeing) (Personnel Security)

ETPIS2: TECHNOLOGY INNOVATION CIRCLES (

Safety & Reliability 4.0

Smart-safe Work Environments,
Process & Infraestructures safety,
RAMS, PLM, BIM, Co.Robots,
Artificial Intelligence, VR/AR,
Safety systems

Human & Organizational factors (OSH, commitment, Knowledge Mgt., generational issues, training, awareness)

Industry 4.0
KET (IoT, Cloud, Bigdata, AI, SW ENg., Mobile Comms...)
Safe-Security Culture
Governance & Resilience (GRC)

Industrial Security
(security systems,
safety-security integration,
protection/CIP, disasters/DRS,
Personnel Security
ICS Cybersecurity)

www.pesi-seguridadindustrial.org