

FP7-2011-NMP-ICT-FoF INFO DAY

OBJECTIVE 7.3

Brussels, 8 October 2010



Computer Vision for Supervising Industrial Workflows

- Computer Vision for Supervising Industrial Workflows
- Factories of the Future
- Proposal idea
- We are the coordinators of SCOVIS FP7 ICT Project
 - Self Configurable Video Supervision
- NISSAN in Spain



Objectives and Scope

- Visually Supervised Complex Industrial Workflows
 - Quality of assurance
 - Safety for workers in products' assembly
 - Production scheduling
- Beyond the state of the art
 - Challenging computer vision algorithms since the industrial processes are very complex in visual domain
 - fire sparks, moving background, a visually harsh environment
- Consortium
 - ATOS Origin, NTUA, ETH, NISSAN, GOTTWALD (naval cranes construction), KULeuven (law department)



Expected impact

- **Economic impacts**
 - Improvement products quality
- **Social impacts**
 - Workers' safety
- **Environmental impacts**
 - Use of "green sensors", low energy cost
- **Ethical aspect**
 - Personal data protection through the inclusion in the consortium of a law department



Requests/Contact details

- We are looking for industrial partners

Please Contact
Anastasios Doulamis
Email:
adoulam@cs.ntua.gr

