



Clusterplast | European Tooling Forum
Common Initiative
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Tortona | Milan
ITALY



PERSPECTIVES FOR A JOINT ACTION PLAN

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CLUSTERPLAST DISSEMINATION EVENT
& TECHNICAL CONFERENCE "Latest Trends on moulding temperatures conditioning control"

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TORTONA, ITALY



A European Project supported within the Seventh Framework Programme for Research and Technological Development



Consortium



- 4 existing research-driven clusters

- Land Oberösterreich (Au)
CLUSTERLAND
- Regione Piemonte (It)
PROPLAST
- Rhône-Alpes (Fr)
PLASTIPOLIS
- Marinha-Grande (Pt)
ENGINEERING & TOOLING FROM PORTUGAL

- 2 clusters in the making

- Zlinsky Kraj (Cz)
- Provincia de Valencia (Sp)

The Joint Action Plan

- **Objective:** setting-up of a joint action plan dedicated to the creation of **synergies** between the different regions involved in the project

- **Inputs & Outputs**

SHARING

- plan for the sharing of infrastructures
- the sharing will have different aims:
 - between research entities to strengthen the capacity of research
 - between research and business entities to increase the potential of industrial innovation
 - between business entities to find synergies along chains of value

KNOWLEDGE TRANSFER

- knowledge transfers between research and business entities
- examples: technical workshops, cluster forums, brokerage events, business intelligence bulletins (technology, standards, patents), exhibitions



MOBILITY

- **mobility between research entities:**
 - exchanges of early stage researchers within the frame of PhD thesis
 - post docs
 - experienced researchers to gain in competences
 - links with Marie-Curie actions
- **mobility between research and business entities:**
 - promotion of internships in the Industry and RTD organizations, in cooperation with Universities, companies and research centers
 - support in the implementation of R&D and Innovation units within companies

● PROJECTS

- identification of research projects
- 6 favourite topics:
 - materials & compound technologies
 - transformation processes
 - tooling and machines
 - composites and nanocomposites
 - smart plastics (functionalisation of materials)
 - process integration & eco-conception
- added value: participation of SMEs



ENTREPRENEURSHIP

- valorisation of entrepreneurship
- support in the implementation of R&D and Innovation units within companies
- incubation of Businesses, tutoring etc
- spreading of information
- help-desk within the fields of Intellectual Property Rights
- support services such as Technological and Innovation Audits, Technology Watch and Intelligence and Industrial Property Pre-diagnostics in Industrial Companies, benchmarking services, Technological Audits and Industrial Property Pre-diagnostics

TRAINING

- integrated training strategies
- at all levels:
 - high schools and universities
 - promotion of internships for final year engineering students
 - promotion of Industry-oriented Master Degrees and Specialization courses in Polymer Engineering and Mould Design and Manufacturing, in articulation with universities
 - organization of training actions and workshops oriented to the Industry in technical and technological domains
 - other activities targeted on in-service people

CLUSTERPLAST

- a common approach based on the market
- to explore and promote new opportunities and increase the technical competences of the technicians of this knowledge-based industry



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