

**The Vision:** In 2010, agile manufacturing companies can inexpensively form collaborative networks and quickly adapt to market demands.

**The Objective:** MAPPER will enable fast and flexible manufacturing by providing methodology, infrastructure and reusable services for participative engineering in networked manufacturing enterprises, demonstrating practical benefits and scientific values in three industrial pilots.



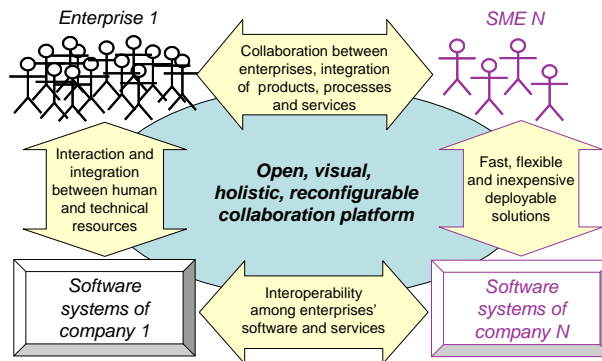
**Automotive Industry**

**Electronics Industry**

**Automotive Supplier**

**Reconfigurable visual enterprise models** of products, processes and other enterprise aspects. Models described in business domain terminologies enable the cultivation of a web of shared understanding among stakeholders, and management of complex and dynamic enterprises.

**Participative engineering methodologies** enabling joint product and process design, interdisciplinary and inter-organisational collaboration throughout multiple product lifecycles.



**Customisable work environments** for different stakeholders, roles and tasks. The platform will enable solution providers and users to jointly customise and configure such environments.

**Secure collaboration platform**, enabling enterprises to access each other's engineering tools and product data in a collaborative, yet secure manner.

**Partner info:**

- CRF - Centro Ricerche Fiat (Italy) – *Project coordinator, research partner, use case partner, business partner*
- Evatronix SA (Poland) – *Use case partner, business partner, SME*
- Kongsberg Automotive AB (Sweden) – *Use case partner, business partner*
- Active Knowledge Modeling AS (Norway) – *Service provider, research partner*
- SINTEF (Norway) – *Research partner, technical co-ordinator*
- FhG / IGD (Germany) – *Service provider, research partner*
- Silesian University of Technology (Poland) – *Service provider, research partner*
- University of Trento (Italy) – *Research partner*
- FernUniversität in Hagen (Germany) – *Research partner*
- Jönköping University AB (Germany) – *Research partner*
- advlCo microelectronics GmbH (Germany) – *Use case partner, business partner, SME*

**Contact:**

CRF (Turin) – Marialuisa Sanseverino  
 email: [marialuisa.sanseverino@crf.it](mailto:marialuisa.sanseverino@crf.it)

SINTEF (Oslo) Svein G. Johnsen  
 email: [Svein.Johnsen@sintef.no](mailto:Svein.Johnsen@sintef.no)