

# Manufacturing Engineering Centre, Cardiff Univ., UK

- **Accredited Centre of Excellence**
- **Coordination during FP6 – IST & NMP:**
  - 2 NoEs, 3 STREPs
- **Partnership during FP6 – IST & NMP:**
  - 3 IPs, 3 STREPs, 2 CAs, 1 SSA
- **Over €12.5 million EU funding since 2003**
- **Relevant projects include**
  - Coteam (£212,328) – collaborative product development in foundry industry
  - Venturing Wales (£905,332) – Virtual Enterprise Networks in manufacturing sector

<http://www.cf.ac.uk>



# Self-Managing Multi Enterprise Service Architecture

Develop new methodologies, reference architectures and software tools to support automation of business processes among companies and integration of the existing process logic so that new partner relations can be implemented rapidly by creating new value from existing IT assets

## Objectives

- Improve partner collaboration through **process orchestration** between multiple organisations – integration of workflow within applications, application logic within companies and business processes within the Virtual Enterprise.
- Enable adaptive business solutions and reduce TCO through consolidation - **composite applications** made of services provided by other existing IT assets and build by model-driven, pattern based tools
- Enhance employee productivity by automation of legal provision enforcement between companies - composed web services managing business partners relations through **semantic business rules**

# Relevance to the Call

**ICT-2007.1.3** ICT in support of the networked enterprise

## Scale

- Duration: 3 years
- Budget: ~ €3million (small & medium scale)
- Consortium: 6-10 partners

- **Additional expertise required:**
  - Knowledge engineering
  - SOA
  - ERP, CRM, SCM vendors and end user demonstrators
  
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