TCS – TOOLMAKERS CLUSTER OF SLOVENIA

TCS is one of the leading Slovene clusters oriented on the development and application of modern production technologies. TCS has 18 members-companies from tool and die, metal processing, mechanical engineering and electrical engineering industry, mainly SMEs. TCS has 28 members-institutions – faculties, training and R&D institutions as well as IT and management consulting companies. Target markets of TCS are EU automotive, aerospace and IT industry.

TCS is organised as a network of virtual dynamic organisations with C-TCS Institute as the centre and is a part of numerous Slovene and international R&D networks. TCS is member of European Cluster Collaboration Platform and NCCTN – National Centre of Clusters and Technology Networks of Slovenia. TCS is a partner of the technological platform Manufacture.si, which is associated with EU technological platform Manufacture. TCS is partner of LENS Living Lab, which is a human and knowledge-centric global virtual organization.

The main tasks of TCS are:

- to present and support development of regional manufacturing SMEs, mainly producers of advanced machines and equipment for EU automotive industry,
- search and support collaborative research projects initiatives on EU, regional and national level,
- to coordinate LENS Living Lab manufacturing domain,
- to coordinate approved joint research and development projects,
- to make surveys, analysis and provide outsourced experts from the TCS network for the needs of different collaborative projects,
- to support other industrial RTD projects and programmes,
- to promote and support international collaboration.

TCS and his members have successfully participated in EU and other international projects within EU programmes – 6th Framework Programme, 7th Programme, CORNET, ERA-NET, EUREKA, ERASME, EUROSTARS etc. Within these project TCS has performed coordination, research and dissemination activities in Slovenia and participating EU countries.

The most important realised TCS projects are:


The most important project in preparation, in which TCS participates, is project “Smart Machine”, managed by LENS Living Lab. Smart Machine presents a new generation of manufacturing machines in the context of the Factory of Future Programme.
Within FP7 2013 Work Programme – Theme 4 – NMP, TCS is interested to participate in the projects within the following Calls:

II.4 Activity 4.4 Integration

- NMP.2013.4.0-4; Support for cluster activities of projects in the main application fields of NMP Theme
- NMP.2013.4.0-7; ERA-NET to support Innovation in the NMP thematic area
- NMP.2013.4.0-8; The impact of the integration of key enabling technologies on industrial production and societal goals

II.5 Recovery Package: Public-Private Partnership (PPP) topics within NMP
II.5.1 “Factories of the Future” Public-Private Partnership (FoF) – Cross-thematic Coordination between NMP and ICT

- FoF.NMP.2013-5; Innovative design of personalised product-services and of their production processes based on collaborative environments
- FoF.NMP.2013-9; Advanced concepts for technology-based business approaches addressing product-services and their manufacturing in globalised markets

Contact person:

Tone Sagadin, M.Sc.  
Project Manager  
e-mail: info@toolscluster.net  
GSM: +386 41 771 202