



FP7-REGPOT-2008-1-229801
**Closing remarks by project
coordinator S. Bischof Vukušić**

Project acronym: T – Pot
Project logo:



Dissemination Conference

16th February 2012



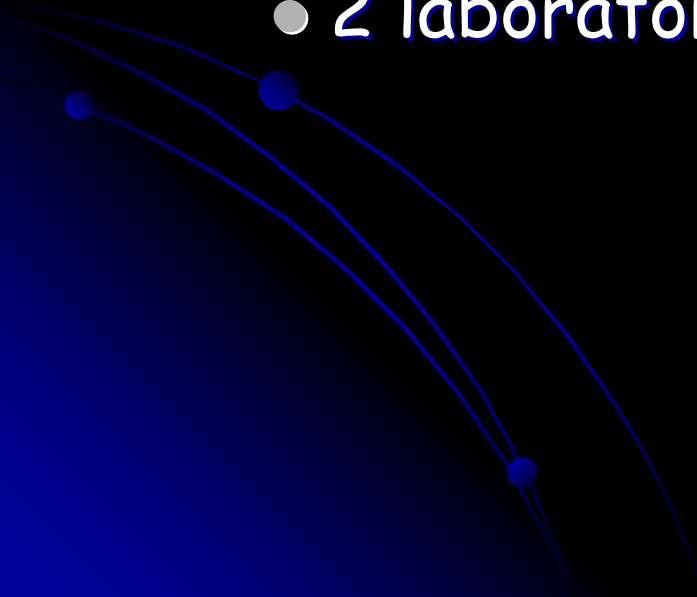
Croatian Chamber of Trades and Craft



All of the specific objectives of T-Pot are fulfilled

1. Reinforcement of S&T potential
2. Developing strategic partnerships with well established research groups
3. Supporting and mobilising the human & material resources
4. Facilitating communication between the centres having similar scientific interest
5. Disseminating scientific information and research results
6. Improving the responses to socio-economic needs of Croatia

Reinforcement of S&T potential

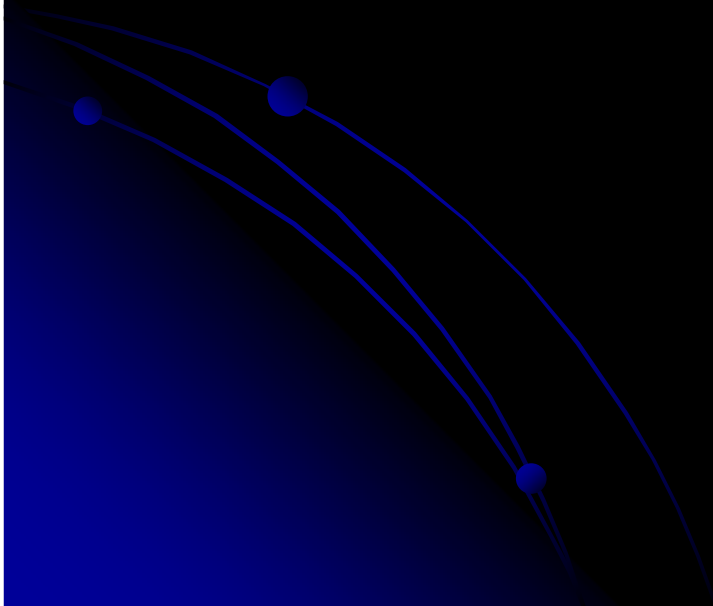
- Human potential:
 - 1 expert employed for 1 year
 - 3 PhD students employed for 2 years
 - Research infrastructure:
 - 2 laboratories are fully equipped.
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Research strategy of coordinator

- New research group supported with 3 PhD students and 1 experienced researcher from University of Calabria is formed and successfully integrated into the TTF research environment.
- The new focus of our research is on *protective textiles*, **one of the Lead market initiatives (LMI)** of ETP, taking into account its morphology characteristics (determined with SEM) and thermal characteristics (determined with DSC and TGA), purchased by T-Pot project.

Developing strategic partnerships with well established research groups

- 4 partnering institutions signed Cooperation agreement at the Kick-off meeting



Additional partnerships have been made:

- RTD:
 - EMPA (Switzerland)
 - University of Georgia (GA, USA)
- SME:
 - Cotton Incorporated (USA)
- Other:
 - Šibenik & Zadar Museum:
Collaboration on new project

Dissemination partnership within Croatia

- **SME Associations:**

- Croatian Chamber of Commerce
- Croatian Employees Association
- Croatian Chamber of Trades and Crafts

- **Clusters:**

- **Croatian Clothing Cluster: Teksko mreža**
<http://www.teksko-mreza.com/eng/members/>
- **Opteko group:** <http://opteko.hr/en/>

Cooperation with SMEs

- 6 SMEs were involved in participation at workshops at the partnering institutions premises
- Initiation of the Round table at the Conference Textile Science & Economy 2010 – internationalisation of this previously domestic conference

Cooperation with Kelteks, Karlovac

Kelteks

- Producer of technical fibers
- Participation in workshop at STFI and workshops in HR



24.09.2009. Karlovac

Cooperation with SME: LIO, Osijek



LIO:

- Producer of nonwoven textiles
- Participation in the workshop at INFMP

Cooperation with SME: Doratex

Doratex:

- Dry cleaning & laundry
- Textile Finishing
- Participation in the workshop in Spain

Cooperation with SME: Regereracija

Regeneracija:

- Producer of nonwovens
- Participation in the workshop at STFI

Cooperation with SME: HEMCO, Đakovo



International trade show INTERPROTEX 2011, Zagreb

- Producer of protective clothing
- Participation at workshops, conferences
- Chosen for mapping of:
 - **IMP³rove** Innovation Management Performance with sustainable **IMPact**

Visit to SME: Soex, Germany



Visit to SME: Ponte Torto S.p.A., Prato, Italy



Ponte Torto S.p.A., Prato: specialized in fleece fabric
production

Cooperation with SME: Cotton Incorporated, USA



AATCC 2010 conference
held in Myrtle Beach from
18th till 20th May 2010

Future collaboration plans:

- Funding of 1 R&D project by Cotton Incorporated
- Cooperation agreement for testing and scientific work

Cooperation with RCI Working Group on Innovation



“Strengthening linkages between government, industry and research”

9 June 2011, Split, Croatia

Case study: Presentation of the results from the 7th EU Framework Programme in Croatia called “T-Pot” designed to reinforce the research potential in the textile industry.

The RCI focuses on identifying barriers to competitiveness and, in collaboration with the beneficiaries, supporting the development of policy responses in two pillars:

- ⇒ human capital development
- ⇒ innovation.

The Working Group on Innovation focus its attention on strengthening the relationships and linkages between government, industry and research to support innovation and greater private sector competitiveness.

Promotion of science and new equipment



Scientific
collaboration
with:

**School Vladimir
Prelog**

The youngest
researcher
working on our
SEM

Karlo Barunica
3rd Award in
state chemistry
competition

Scientific work of TTFs young researchers



Almost all of the scientific work and subsequent papers, submitted for the TSRC competition in 2011 are including SEM or FTIR, TGA analysis as necessary characterisation tools.

Cooperation with Croatian Chamber of Economy Karlovac County



Workshop:
8.12.2011.



TEXTILE SCIENCE RESEARCH CENTRE

Strengths:

- active involvement of TSRC researchers in European Textile Platform
- excellent connections with major textile associations: AUTEX, EURATEX, TEXTILE INSTITUTE
- cutting edge research within the textile/clothing sector, in particular within NMP area
- high profile of researchers, expertise and specialised research activities
- continuous communication with industrial partners



TEXTILE SCIENCE RESEARCH CENTRE

Opportunities:

- partnership with well recognized European institutions
- developing new and innovative ICT services, such as Textile Portal
- possibility to effectively use research for economic development
- improvement of the environment for business through the innovation management
- human capacity building primarily within NMP area will produce a core group of well-trained researchers with the skills to spread the success they have achieved
- design and conduction of training courses for industrial professionals at local institutions
- upgrading of TSRC to become key RTD partner and lead Croatian SMEs towards EU Programmes
- Croatian textile and clothing development strategy, issued by the Government in 2007, is identifying TTF as one of the key stakeholders for efficient Strategy implementation

Activities of TSRC

Textile Science Research Centre is offering its material and human capacity as service to the wider community.

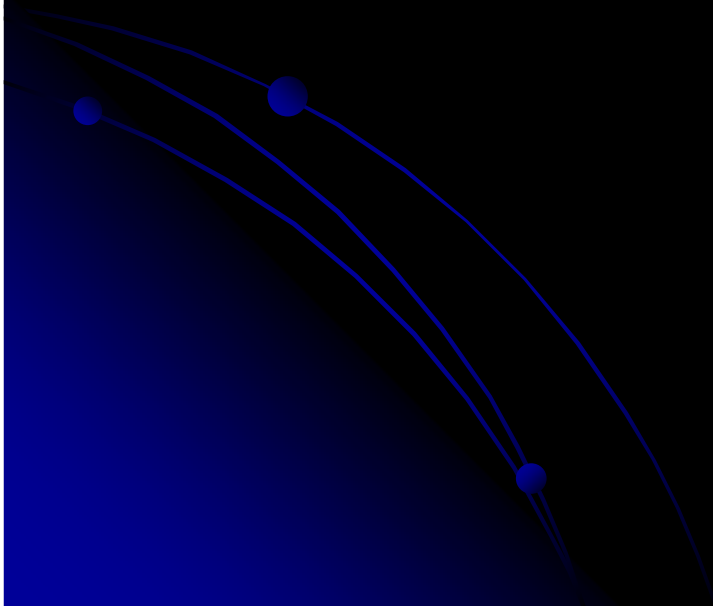
TSRC is offering cooperation to the:

- Research institutions (RTDs)
- Small and medium enterprises (SMEs)

TSRC is offering collaboration through:

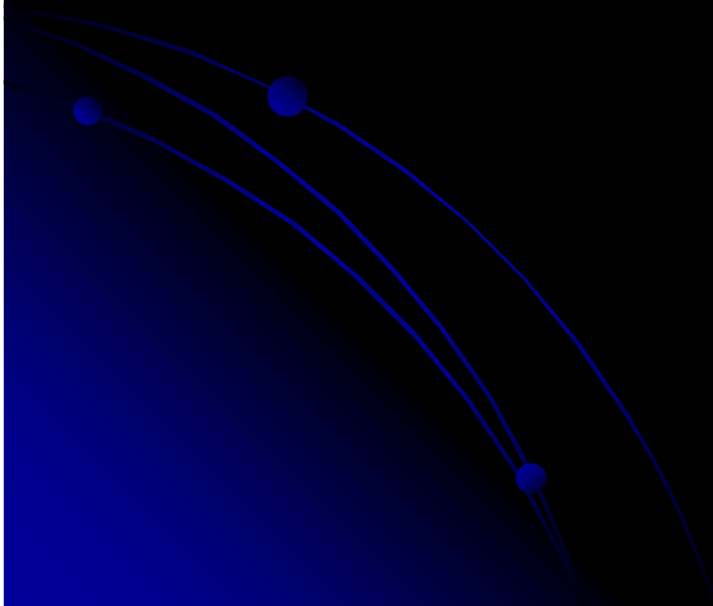
- Research on our equipment
- R & D projects

Submission of FP7 proposal with SME Čateks, Čakovec

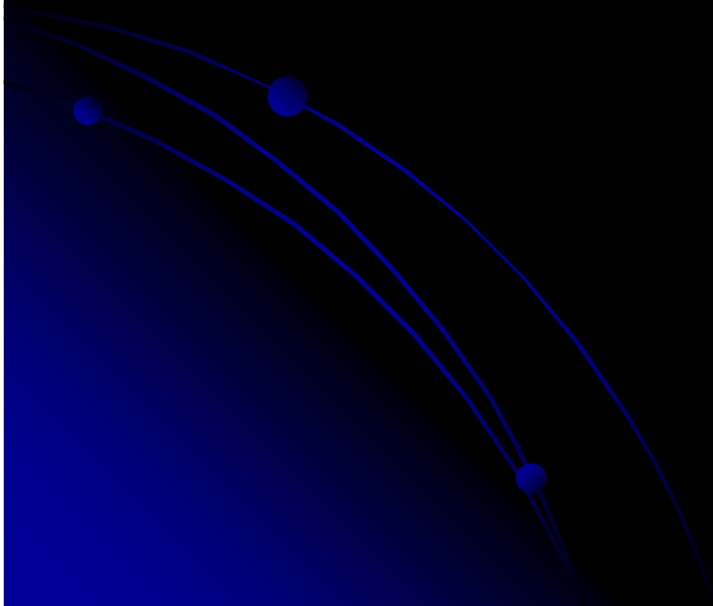


Submission of FP7 proposal with project partners

TEXOTREME

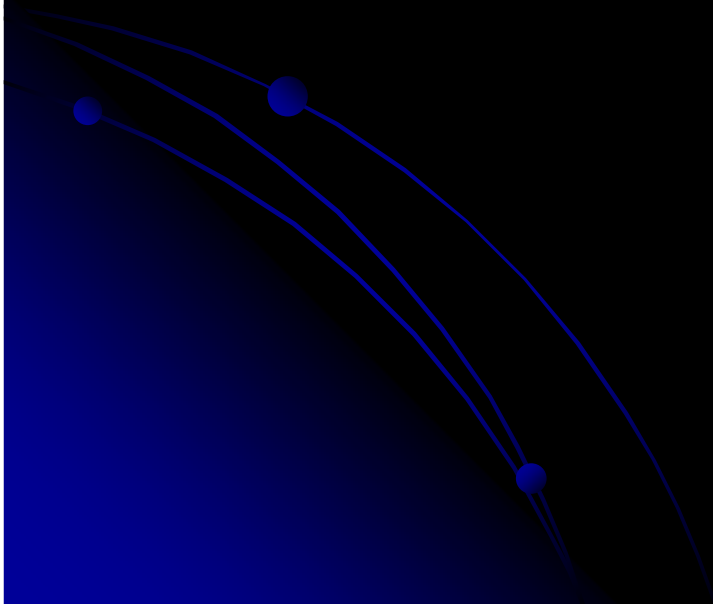


Successful Eureka project with SME Galeb, Omiš

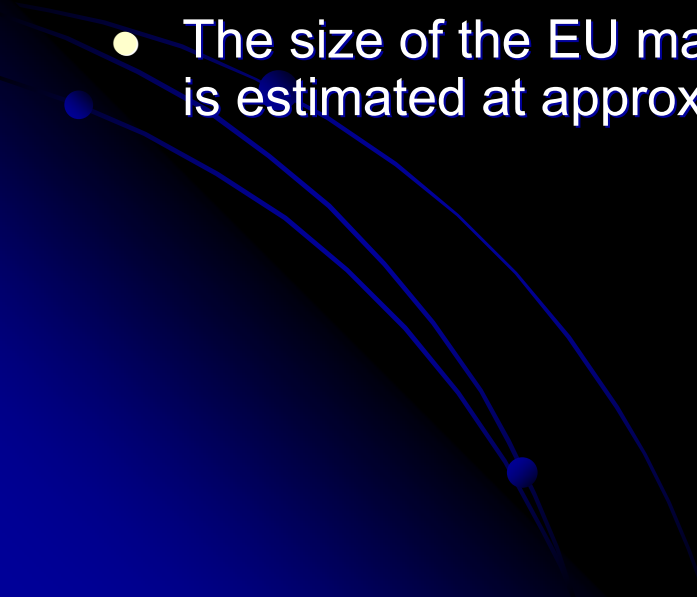


Sumbition of IPA project

- Cooperation with Spanish Leitat & Croatian Chamber of Economy Karlovac County



Implementation at the regional level

- **Protective textiles** are offering *great potential for innovation, economic growth and employment.*
 - Already in 2007, this topic has been identified as one of the 6 Lead Market Initiatives
 - The size of the EU market for Personal protective equipment (PPE) is estimated at approx. 8 billion €
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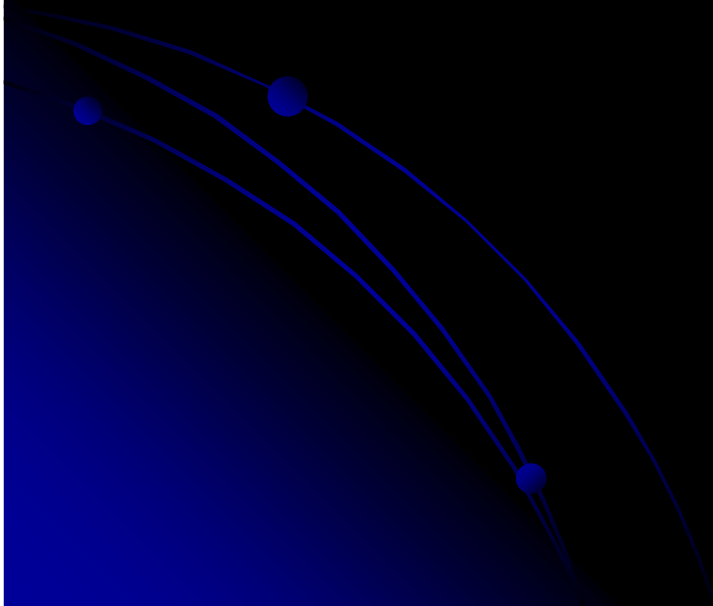
Implementation at the regional level

- **Development of strategic partnerships** with three high quality RTD institutions and one SME:
 - reinforced the research potential of TTF
 - increased the expertise and know-how transfer towards the SME
 - enhanced the knowledge and competences of researchers (both from academy and industry).
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Implementation at the regional level

- **TSRC**, upgraded to be strong RTD support for industry is becoming an important regional research centre.
- Up to now, TTF has been involved mostly in Eureka and bilateral projects and at the moment 3 FP7 projects are running and 5 new have been submitted.
- Through this project, the research potential of TTF and its TSRC are unlocked enabling future participation in EU funding schemes and **better integration in ERA.**

Future plans:



Department of Textile Chemistry & Ecology, TTF



We are looking forward on new challenges!



TEXTILE SCIENCE RESEARCH CENTRE

TSRC Management

Upgraded to become one of the
components of the national innovation.

www.ts-rc.eu

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