



National Technology Platform for the Renewing of the Hungarian Textile and Clothing Industry (TEXPLAT)

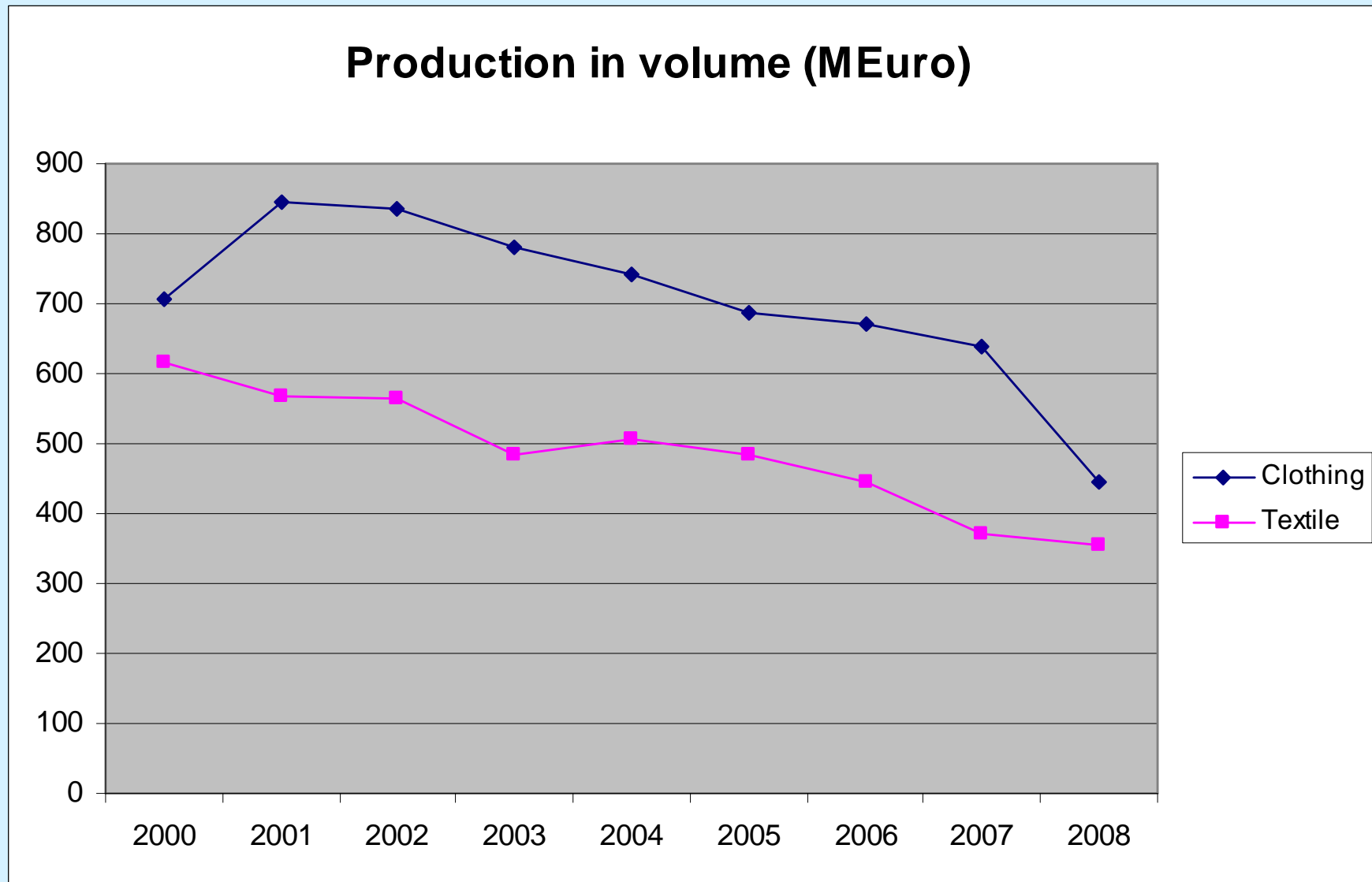
Textranet GA meeting

29. 09. 2009. Budapest

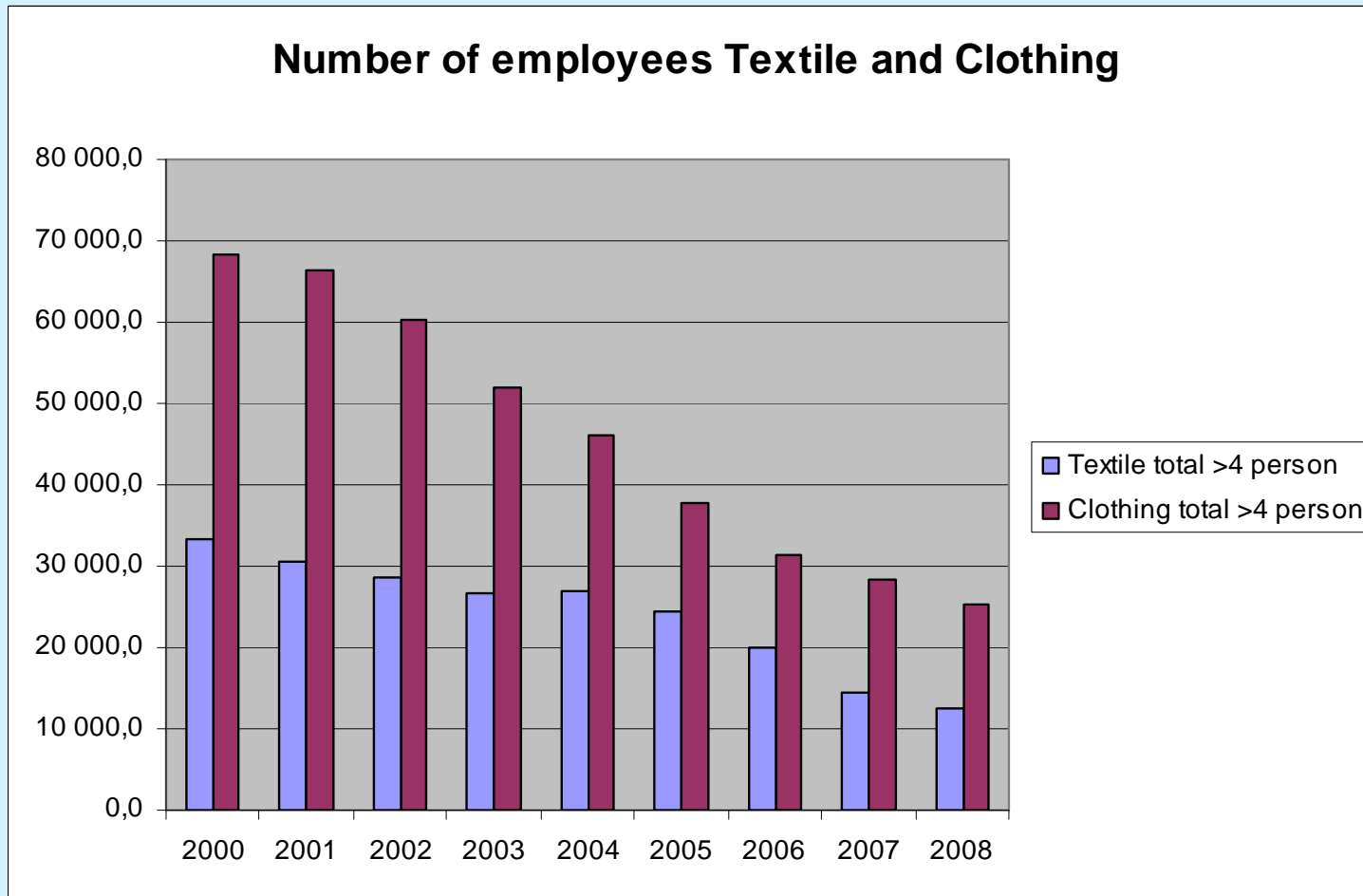
Main Figures of Hungarian T/C Industry

	Turnover MEUR	Number of operating companies	Number of employees
Textile	359	530	12 555
Clothing	457	804	25 406
Total T/C	816	1334	37 961

Production textile and clothing

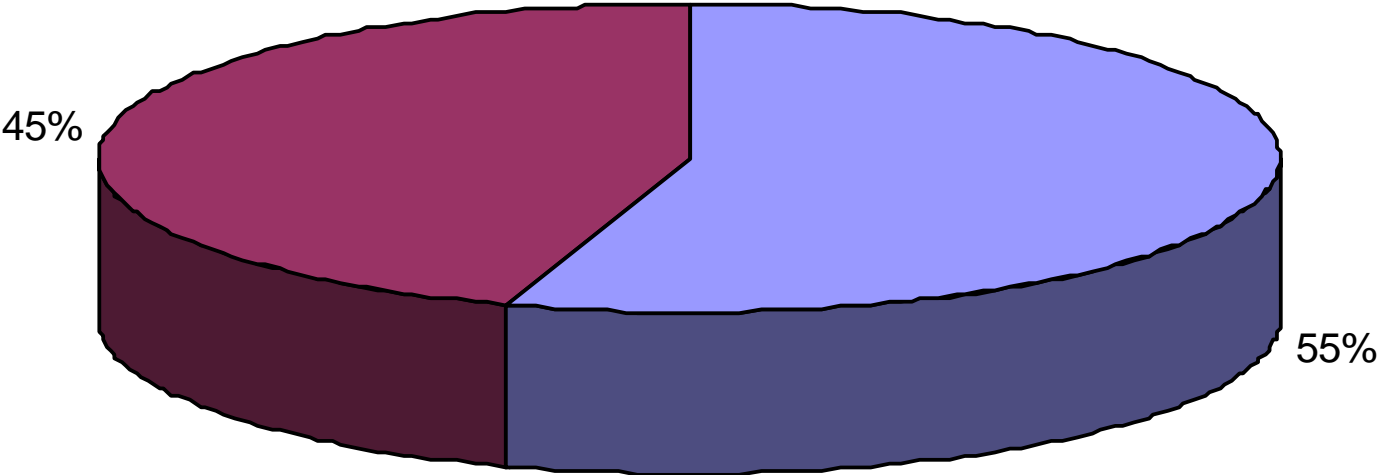


Number of employees Textile and Clothing



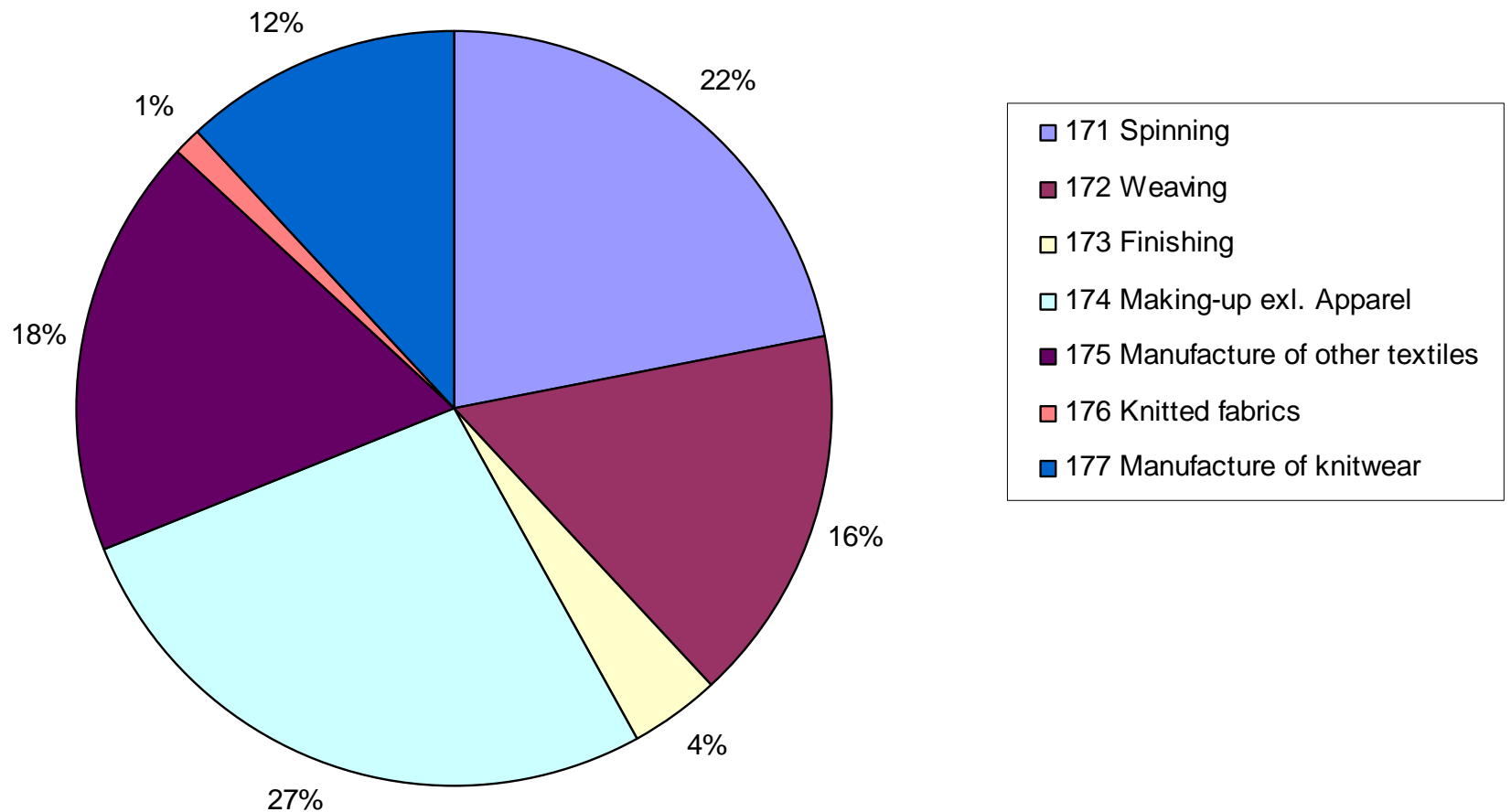
Production

Production of T/C industry 2008



Sub-branches - Textiles

The breakdown of the production into sub-branches by value (%) - 2008
Textiles



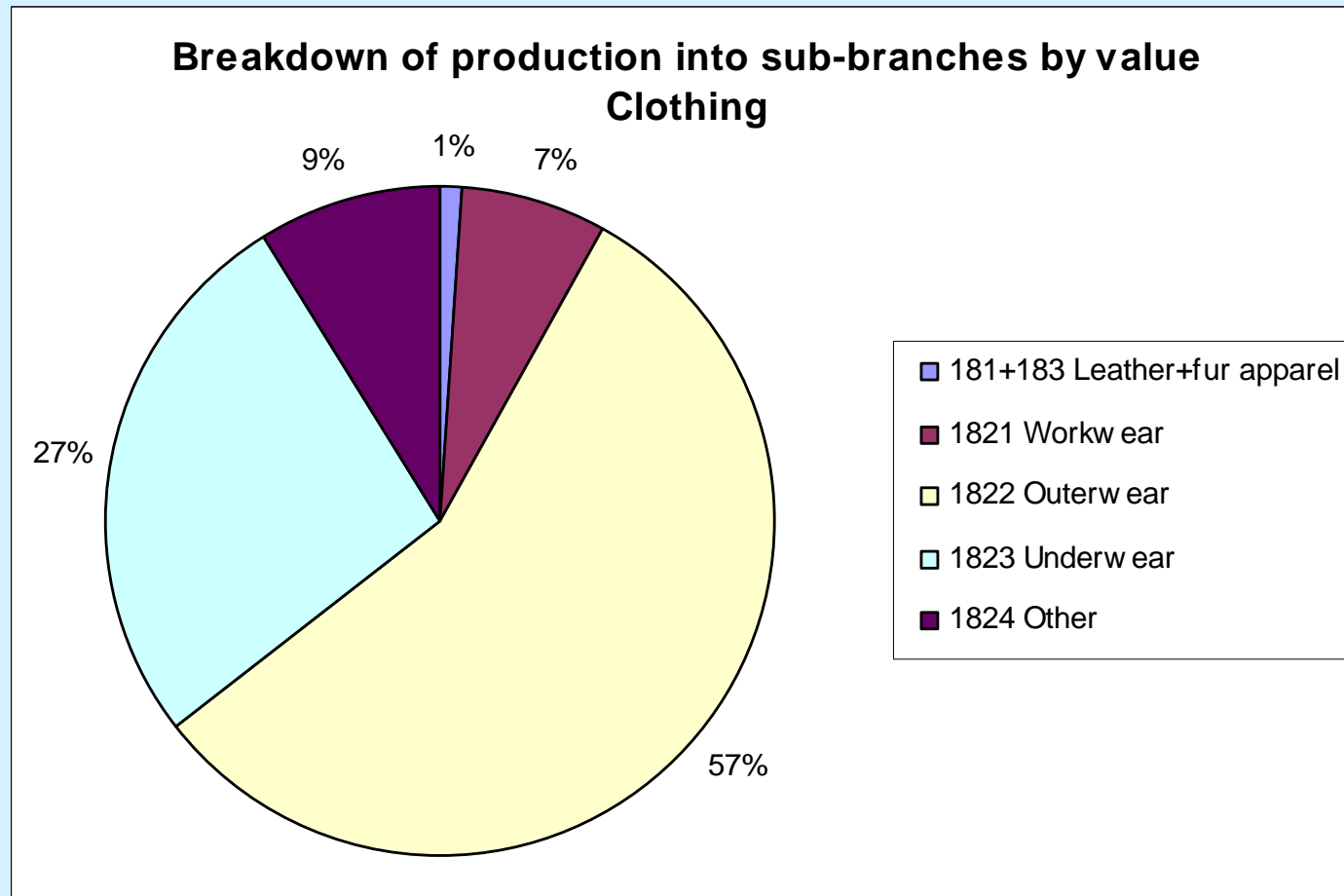
Main Textile Products of Hungarian Textile Industry

- Tyre cord yarn and fabrics (2 companies)
- Sewing thread (2 companies)
- Spun yarns (only 3 mills)
- Technical fabrics (glass, polyolefin, carbon)
- Fabrics for domestic and apparel textiles
- Linen yarn and fabrics
- Non-woven fabrics (4 companies)

Main Textile Products of Hungarian Textile Industry (cont.)

- Knitted fabrics (decreasing)
- Ropes and belts
- Technical confection (membrane buildings, tents, covers, balloons, filters, big-bags, car-upholstery, etc.)
- Pillows, mattresses and other home textiles

Sub-branches - Clothing



Main factors influencing the innovation in T/C Industry

- High number of SME-s and among them micro-enterprises
- Foreign ownership is above 50%
- Low prestige of T/C branch
- Low R&D activities for textiles
- Decreasing level of textile education
- Companies risk aware
- Shortage of financial sources
- Lack of marketing knowledge

Texplat aims...

- To halt the downturn of Hungarian T/C industry and to prepare to post-crisis changes
- To enhance the competitiveness of companies in the challenging conditions of globalisation
- To maintain the employment of the T/C industry
- To boost the self-confidence and the prestige of T/C industry

The role of TEXPLAT

- To establish a network for all players interested in renewing of our industry, such as companies, R & D institutions, and the main application areas
- To strengthen the cooperation between the companies of T/C sector along the supply chain incl. new applications
- To initiate and help technological transfer
- To change the attitude of companies towards the innovation and to disseminate the best methods of innovation management

The role of TEXPLAT (cont.)

- To connect the Hungarian T/C industry to the ETP for the Future of Textile & Clothing
- To disseminate information about the work of ETP
- To take part in TEPPIES system in order to involve Hungarian companies in EU projects
- To become single voice of industry

The structure of TEXPLAT

- Current membership:
 - 51 companies
 - 7 R&D or educational institutions
 - 9 representatives of application areas
- Governing Council
- Board of supervision
- Working groups
- Secretary: TMTE (Hungarian Society of Textile Technology and Science)

2009: drawing up Strategic Research and Innovation Plan

- Two year project supported by National Office for Research and Technology
- 4 main innovation areas for Hungarian T/C industry – 4 working groups
- Involvement of companies in the framework of forums and workshops (7 forums, 10 workshops)
- Seeking feedback from companies through interviews and questionnaires
- To be approved by the Governing Council

Main areas of innovation

1. From commodities to functional products in both textile and clothing
2. New application areas outside of traditional textile uses
3. Renewal of clothing technology incl. application of modern ICT tools
4. New product development concepts in order to meet the challenges of 21st century

From commodities to functional products both in textile and clothing

- Functionalization of fabrics by finishing and coating
- Development of functionalized ready-made products using new specialty yarns, fabrics in production
- Focus on protective apparel for both professional and consumer end-use
- Technological developments for decreasing the environmental „footprint” of finishing
- Intelligent textiles?

Technical textiles in Hungary

- Estimated share of textile production:
over 50% (Incl. technical confection)
- Main applications:
Mobiltech, Buildtech, Geotech,
Indutech (incl. Hometech and
Clothtech), Packtech

New application areas outside of traditional textile uses

- Development of products for technical applications using advanced materials
- Finding new market segments through increased contacts to different sectors
- Involvement in R&D in the area of composites

Renewal of clothing technology

- Application of technical innovations for increasing flexibility and quality in making up processes
- Strengthening of cooperation across the textile-clothing-retail supply chain by applying newest ICT tools
- Research in the area of 3D design and the virtual prototyping

New product development concepts

- New challenges on the fast-changing global market
- Adopting to the individualisation of consumer demands
- Combination of creativity and function
- New business models, services instead of products
- Sustainability in T/C industry (products and processes)

2009: Implementation

- Compiling Implementation Plan
- Innovation forums for companies in regions
- Initiating R&D&I projects
- Organizing networks, or clusters for innovation
- Organizing technological transfer both in Hungary and from abroad

Thank you for your attention

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