

INVITATION TO PARTICIPATE
in a workshop on

SPACE TECHNOLOGY TRANSFER

TO THE TEXTILE INDUSTRY

4-5 July 2002, Lille, France



Arranged by



European Space Agency Technology Transfer Programme



With the support of



Chambre de Commerce et
d'Industrie Lille Métropole ,
France

DAIPOLONIA

D'Appolonia, Italy



MST Aerospace, Germany



JRA Technology, England

MST Aerospace GmbH

NODAL CONSULTANTS

Nodal, France



EIC Euro Info Centre

Nord-Pas de Calais



Euratex, Belgium



CLUBTEX, France



Grado Zero, Italy



Institut Français
Textile-Habillement



World Trade Center Lille



Background

ESA's Technology Transfer Programme (TTP) aims to promote the transfer of technologies developed for space activities to non-space sectors and applications, with commercialization of the space technologies being a central objective.

The ESA TTP is holding a series of workshops in various sectors aimed at identifying the needs and requirements and major problems and issues faced by those sectors and then finding opportunities for adapting space technologies to help meet these needs. Space technologies may be unfamiliar to such sectors and thus be able to offer novel and innovative solutions.

The workshops anticipate establishing one or more project groups which will pursue further some of the challenges or problem areas identified. Projects initiated as a result of a workshop typically involve several partners from organizations throughout Europe, with funding from a variety of sources in addition to an ESA TTP contribution. The measure of success will be the implementation of elements of space technology to help solve real problems identified by experts in the various sectors

Purpose of the workshop

This workshop is intended to be a creative session to generate project ideas where space technologies can provide effective solutions for the challenges identified in the broad textile industry. (In this respect, it would help enormously if participants could send the organizers a brief note describing their needs, requirements and challenges before the workshop).

The topics of the workshops could include:

1. applications for safety and security (including search and rescue, warmth/insulation, protection etc)
2. intelligent materials and clothing (bioactive or smart materials, portable sensors, wearable sensors and computers)
3. applications for textiles/fabrics for the general the clothing industry (eg fashion, sport and leisure, shoes)
4. applications for industrial textiles/fabrics – Transport applications – medical furniture
5. manufacturing/production applications (eg sensors, cameras, detection, robots, automation)

Participants

For a realistic forum for reviewing requirements, developing ideas and identifying candidate technologies, the workshop participants should include representatives from both large companies as well as SMEs in the following areas:

- **textile manufacturers (including designers, end-users and manufacturers of clothing (especially sports and leisure clothing), furniture and household fabrics, transport upholstery (car, train, plane); footwear etc**
- **the fashion industry**
- **the textile machinery industry**
- **the mail-order catalogue industry**
- **space technology area (ie space technology suppliers and brokers)**

Participants will initially be organized into small groups comprising both space and textile experts to discuss textile industry issues and problems and then trying to find space technology solutions.

Preliminary Programme

4 July

- 08:30** Arrival, registration (coffee and tea available)
- 09:15** Welcome, introductions (ESA – Lille Chambre de Commerce et d'Industrie – CLUBTEX)
- 09:30** Overview of ESA TTP (ESA)
- 10:00** Break (coffee and tea available)
- 10:30** Textile Technologies (Euratex and others)
 - state of art
 - needs and requirements
- 12:15** Lunch
- 13:15** Success stories: space spin-offs to the textile industry (industry representatives)
- 14:30** Break (coffee and tea available)
- 14:45** Brainstorming in five small groups reflecting specific needs/interests
- 16:15** break
- 16:30** Brainstorming continues
- 18:00** End of brainstorming session
- 19:30** Dinner

5 July

- 09:00** Overview of resources available (including incubator activities) (MST, ESA)
- 10:00** Presentation of results of brainstorming sessions - preparation of project concepts
- 11:00** Break (coffee and tea available)
- 11:30** Preparation of project concepts from brainstorming
- 12:00** Next steps: how to proceed, partnerships and financial opportunities, (ESA/EU)
- 12:45** Concluding remarks (ESA, CCILM)
- 13:00** Lunch

Goal

At the end of the workshop, one or more working groups consisting of several companies will be established, each with a well-defined conceptual solution for an actual problem of requirement in the textile industry.

Practical information

Date of workshop: **4-5 July 2002**
Venue: **Chambre de Commerce et d'Industrie de Lille Métropole, France**
Cost: **Participation in the workshop is free**

Registration: **Chambre de Commerce et d'Industrie de Lille Métropole
Place du Théâtre – BP 359 – 59020 LILLE CEDEX
Tél : 00 33 3 20 63 77 88 – 00 33 3 20 63 68 26**

Accommodations **You'll find enclosed a hotel registration form giving you the possibility to book a room, 3 to 5 minutes walking from the Chamber of Commerce. Please feel free to make your own reservations if you wish.**

**NB: There will be a maximum of 50 participants -
So register early!**

REGISTRATION FORM

COMPANY / INSTITUTION _____

FIRST NAME _____ SURNAME _____

ADDRESS _____

P/O BOX _____

POSTAL CODE _____ CITY _____

COUNTRY _____

E-mail _____

COMPANY WEBSITE _____

TYPE OF TECHNOLOGY, RESEARCH ACTIVITY _____

START OF USE OF PRESENT TECHNOLOGY (YEAR) _____

Could you please give your first and second choice for the workshops

1 2 3 4 5

If you are a supplier of technology in textile, you can dispose of a small area during the seminar.
Are you interested by this proposal ?

YES NO

DINNER ON THE 4TH OF JULY

We propose to have dinner in a typical restaurant called « La Terrasse des Remparts »
Participation 36 €/ each participant

- I will participate in the dinner
 I will not participate

LUNCH ON THE 5TH OF JULY

- I will be there for lunch
 I will leave before lunch

Please send registration before 25.06.02 to

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