

# THE PARTNERSHIP

University of West Attica, Greece

Ghent University, Belgium

Universitat Politècnica de València, Spain

IDEC S.A., Greece

Universiti Teknologi MARA, Malaysia

Universiti Tun Hussein Onn, Malaysia

Politeknik STTT Bandung, Indonesia

Institut Teknologi Bandung (Faculty of Arts and Design, Craft Study Program), Indonesia

Bahauddin Zakariya University, Pakistan

NED University of Engineering & Technology, Pakistan

<http://smartexproject.eu>



**Smart textiles - Modernisation of curriculum of Textile Engineering and Textile Technology in Indonesia, Malaysia and Pakistan**



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## THE PROJECT

SMARTEX is a curriculum development CBHE Erasmus+ project. It involves three EU universities (from Greece, Belgium and Spain), a training and consultancy company from Greece plus 2 universities from Malaysia, 2 from Indonesia and 2 from Pakistan, all having departments in the field of textiles engineering and fashion.

The aim of the project is to support the modernisation and internationalisation of Higher Education Institutes in Malaysia, Indonesia and Pakistan, in the context of the priorities identified in the communications *New EU Consensus on Development* and *European Higher Education in the World*. This project will also contribute to the cooperation between EU and Asian countries through joint initiatives and by sharing good practices. The aim of the project is to improve the level of competencies and skills in Asian HEIs by reforming bachelor degree programmes, which will bring national education systems up to the EU standards level and enhance competitiveness of graduates in the labour market.



## THE OBJECTIVES

1. To analyse the competences necessary for graduates of textile engineering and related faculties' bachelor studies in Asian universities as far as technical and smart textiles are concerned.
2. To update the curriculums of Asian Universities, by developing new or by updating existing courses in textile engineering and related faculties' bachelor studies.
3. To integrate innovative teaching/learning methods into the reformed curriculum of Asian Universities.
4. To develop learning material for the new and updated courses and their correspondence to ECTS.
5. To promote the internationalisation of Asian HEIs by implementing international exchanges of staff and students.
6. To build capacity of academic and administrative staff of Asian HEIs by organising training sessions for them in European HEIs.
7. To enhance the competitiveness of Asian HEIs' graduates in the labour market with the organisation of national and international internships in companies.

## THE RESULTS

Report on competence profile for graduates of textile related bachelor studies in compliance with the needs of the labour market and EU good practices.

Report on benchmarking report on bachelor level course related to textiles between EU and Asia Universities.

Context report for internship programmes

New curricula for Asian Universities

New modules in Asian Universities

Updated modules in Asian Universities

Learning material for students

Methodological guide for internship programmes in Asian Universities

Methodological guide for new teaching/learning methods

