

<b>REFERENCE:</b>	<b>516788-TEMPUS-1-2011-1-JO-TEMPUS-JPCR</b>
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**TITLE:** curriculum development for MAster Program of Environmental engineering and Climate change.

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**DESCRIPTION:** The main objective of MAPEC project is to establish and accredit a high didactic & contents of master course in the environmental engineering and climate change field at the Jordanian and Syrian partner universities to enhance its capacity.

Specific Objectives:

- To establish & credit a master course following the Bologna requirements.
- To create a new and improved culture of environmental awareness and responsibility that will ensures a healthy population.
- To improve & diffuse new professionals that will span the business, government and non profit sectors according to the national strategy.

The objectives are pursued as follows (outcomes=oc, output=op)

1-Networking business companies, government and non-profit sectors around environmental & climatic change issues. Jordanian & Syrian bodies will host internships and employ trained experts.

oc: a committed and sustainable partnership that will develop a sustainable re-mediation strategies.

op: Companies and public administrations will host internships and employment experts.

2-Planning & developing the didactic materials through EU partners. Training and needs analysis in cooperation with the networked bodies.

oc: developing a pool of trained experts that will have appropriate access to the labour market.

op: to benefit from the Europeans in their practical experiences and measuring equipment to enhance and update the didactic methodology using information technologies.

3- Master's credit procedure. European Credit Transfer and Accumulation System (ECTS) criteria will be assured.

op: MAPEC credited

4- Master implementation and running

Engineers, economists, scientists and lawyers will access the course. Teachers will be from Jordan, Syria and the EU. ICT will be used for distance learning

oc: one hundred experts trained in environment and climatic change

op: setting the technological training platform

5. Supporting employments for the trained professional in the networked bodies.

oc: involving more companies

op: Forty participants employed.

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**INVOLVED PARTNER COUNTRIES' INSTITUTIONS:**

- Ilmenau University of Technology, DE
- Hamburg University of Technology, DE
- University of Innsbruck, AT
- Instituto Superior de Paços de Brandão, PT
- The Hashemite University, JO
- Al-Baath University -Homs, SY
- Tishreen University, SY

## ***PROJECT SUMMARY***

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- Aleppo University, SY
- German Jordanian University , JO
- Paulo & Beatriz - Consultores Associados, Lda / Portugal, PT

**REQUESTED GRANT:** 1,155,808.74

**CONTRACT DURATION:** 36 months