

2nd European **Award** for innovative educational proposals for the integration of

SHD

(Sustainable Human Development)

into **technology** and **engineering education**



GDEE

GLOBAL DIMENSION IN ENGINEERING EDUCATION

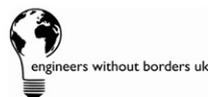
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UNIVERSITAT POLITÈCNICA DE VALÈNCIA



INTERNATIONAL CAMPUS OF EXCELLENCE



This project is funded by



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SHD (Sustainable Human Development)

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About the GDEE Project:

The Global Dimension in Engineering Education (GDEE) is a EuropeAid Project, entitled “Cross-cutting development education into technology studies” which aims to stimulate the introduction of education for development in European Universities. This project will **impact** positively **on the attitudinal values and skills of students in relation to sustainable human development (SHD)**. This is being dealt with by integrating SHD as a cross-cutting issue in teaching activities through a two-fold strategy. Its first objective is to **improve the competences** of academics to enable them to introduce SHD into the curricula and secondly, to **facilitate the engagement of both staff and students in academic initiatives** related to SHD.

Objective of the award:

There is little doubt that higher education plays a role in efforts to promote and achieve sustainable development. One challenge is a shortage of academics actively engaged in promoting measures related to SHD in teaching activities. The GDEE project will identify and reward best practice for the integration of sustainable human development into technology and engineering education.

Awards:

There will be 7 awards of €3,000 (before tax). The tax will depend on each individual situation. The awarded person must be the main author of the work. The winning academic or team will receive a maximum of €440 towards travel expenses to the award ceremony.

Publication:

All the participants accept the conditions of the award and the publication of the awarded works.

Timetable:

Deadline for submissions: October 15th

Decision of the Academic Committee: 17th December

Awards Ceremony: January 2015 in Barcelona (Spain). The exact date it will be announced in GDEE website

<http://gdee.eu/>

Characteristics of the Works:

The submission will outline how sustainable human development has been integrated into the applicant's teaching. The applicant's works will be of a theoretical or applied nature and can be, but not limited to, one of the following types:

- Adapting development education projects for technology or engineering studies
- Innovative methods for integrated SHD into the curriculum
- Producing materials for the integration of SHD available to the Academic Community
- Innovative methods for the support and supervision of a PhD Thesis, Master Thesis, Bachelor Thesis, or equivalent

Applicants:

- Applicants can be an individual applicant or a team, working or studying in a University or Education Center in any country in the world
- In the case of a single author, the individual applicant must hold an academic post at a University or a student represented by his/her tutor/director. For example if the work is the supervision of a thesis, the academic supervisor should apply
- In the case of a team, the principle applicant must be an academic at a University
- All the participants accept the conditions of the award and the publication of the awarded works
- The teachers or researchers included in the Organizing Committee, Academic Committee or in the **GDEE** project may not participate in the award

Documents to be presented:

The candidates will complete an online application form available on: <http://gdee.eu/index.php/awards.html>

The online application form will include:

- Contact details
- Candidate's CV (individual applicant or principal applicant in the case of a team. Maximum 2 pages)
- Proposal (maximum 5 pages. The proposal must include: abstract, objectives, description, innovation aspects, impact of the proposal, results)
- Covering/Motivation letter
- (Optional) Recommendation letter(s), and in the case of several letters being included, sent in one single file
- (Optional) Any other relevant document related to the proposal (paper, book, PhD Thesis, Master Thesis, etc.)

Evaluation criteria:

The Academic Committee will select the best seven works based on the following criteria:

- Innovative nature of the work, including novel educational aspects
- Quality, coherence and sustainability of the work
- Impact of the work on the academic activities of European Universities

Organizing and Academic Committees:

This award is organized by the EuropeAid project: **Global Dimension in Engineering Education (GDEE)**.

The institutions involved in this project are:

Universities:

- Universitat Politècnica de Catalunya (UPC)
- Universidad Politécnica de Valencia (UPV)
- Universidad Politécnica de Madrid (UPM)
- Loughborough University (LU)
- Università degli Studi di Trento (UNITN)

NGO:

- ONGAWA, *Ingeniería para el Desarrollo Humano* (Engineering for Human Development)
- Practical Action (PA)
- Engineers Without Borders UK (EWB-UK)
- Training Centre for International Cooperation (TCIC)

The Academic Committee is made up of one member from each institution (Universities and NGOs) participating in this project. These members will have experience in education for development in Technological and Engineering Universities.

Contact information:

Please write to itd@upm.es for additional information about this award.