

1st European **award** for *best*
practice for the *integration* of

SHD

(Sustainable Human Development)

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



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About the GDEE Project:

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 **facilitating the engagement of both staff and students in academic initiatives** related to SHD.

Objective of the award:

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

Awards:

There will be 3 awards of €3.000 (before taxes). 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 €425 for travel expenses.

Publication:

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

Timetable:

Deadline for submissions: July 18th.

Decision of the Academic Committee: September 9th.

Awards Ceremony: September 22nd to 24th (exact date tbc) in Cambridge.

Characteristics of the Works:

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

- Innovative methods for integrated SHD into the curriculum.
- Converting existing experiences in development education into technology /engineering studies.
- Making 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:

- The main applicant must hold an academic post at a University (for example if the work is the supervision of a thesis, Master Thesis it is the academic supervisor that should apply).
- A team can also participate: in this case 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.

Modalities:

- Modality one: Individual applicant or small teams with one principle applicant (for example within a department).
- Modality two: Institutional application (university), (only one proposal per institution is accepted).

Documents to be presented:

The candidates will fulfill an on line application form available on: https://vri5.rec.upm.es/european_award/

The on line application form will include:

- Summary of the work (maximum 5 pages).
- Any other relevant documents related to the work: paper, book, PhD thesis, Master Thesis.
- A short CV of the principle applicant (maximum 2 pages).
- Covering letter.
- Letter of reference from the university (in the case of Institutional award modality).

Evaluation criteria:

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

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

Organizing and Academic Committees:

This award is organized by the EuropeAid project: **"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 (EWB-UK).
- Training Centre for International Cooperation (TCIC).

The Academic committee is made up of one member from each one of the institutions (Universities and NGOs) that participate in this project. These members will have experience in education for development in Technological and Engineering Universities.

Contact information:

Please, contact with director.cooperacion@upm.es for any question regarding to this award.