

## PREPARE project generation template

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| Title             | <b>Resource efficiency and Cleaner production - a topic for formal education and an instrument to green the industries and achieve environmental performance</b>  |
| Short description | <p>Implementation of resource efficiency and cleaner production methods at the industry level requires that professionals in those institutions receive adequate education and training in this field. In the recent past, most of the higher learning institutions around the world have incorporated cleaner production as a subject in their curricula. In order to satisfy the specific needs of busy professionals, higher learning institutions need to facilitate cleaner production training.</p> <p>The way environmental management on businesses and organizations are handled in the present in Romania is very much the result of the poor and obsolete programs of the formal education in the Romanian Universities.</p> <p><b>Main activities; 1. "Introduction to resource efficiency and cleaner production"</b></p> <p>A Distance Learning program, designed and made available on a Web-site and paper, also during several regional seminars, which aims to develop awareness of the importance of good environmental management in business in particular RECP. The participant profile would be any persons from business, finance and public sector wishing to develop their insight into environmental good practice and cleaner production.</p> <p><b>2. University course to build capacity of Resource Efficiency and Cleaner Production</b> within the university curricula addressed to the selected lecturers in order to be able to offer this course for students and/or masters. This program would be designed and prepared jointly by</p> |

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|                    | <p>International Experts and national university teachers.</p> <p><b>3. A Training programs</b> developed to permit national experts to be able to design and deliver consultancy in RECP. The training program would also develop the trainer and consultancy skills of the nominated trainees. This would be prepared and presented by International Training experts with knowledge of both Cleaner Production and consultancy practices.</p> <p><b>4. Company assessments and demonstrations</b> (including a first CP assessment, followed by eco-innovation assessment (on energy and resource productivity), including technology evaluation and selection, and support for investment appraisal</p> <p><b>5. Preparation of sector innovation roadmaps</b>, including both current best available techniques and practices, and innovation opportunities (potentially linked to global Knowledge Management System)</p> <p><b>6. Development and promotion of customized indicators</b> for energy and resource productivity, carbon utilization, etc.</p> |
| Main goals         | <p>The main aims of the proposed project are: to develop the skills and competence of VET teachers, trainers, tutors and businesses representatives for further training activities, to strength the link between VET professionals and working life (enterprises) on a market were more and more efficiency and sustainability are driving concepts; to test and transfer into practice common methods for building capacity in RECP needed for the productive use of energy and other resources of the target sectors through adaptation and deployment of innovative process technologies and practices.</p>  |
| Responsible person | Aida Szilagyi (CNPCD), Florica Manea (UPT)   |
| Lead partner       | Polytechnical University of Timisoara  |

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| Other potential partners        | National Centre for Sustainable Production and Consumption, Universities from eligible countries (Romania, Bulgaria, Albania, etc) |
| Funding scheme(s)               | Leonardo da Vinci Transfer of Innovation   |
| Time frame                      | 24 months  |
| Next steps and responsibilities | External partners  |
| Annexes: extended descriptions  | Project concept  |

The suggested projects will be incorporated in the next CGM (core group meeting).

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