

ORGANIZATIONAL CAPACITY ASSESSMENT FOR SUSTAINABLE DEVELOPMENT IN THE CONTEXT OF CIRCULAR ECONOMY (ECOSEC)

Goal of the project

The project aims to develop a web platform that integrates a tool for organizational evaluation and to provide a laboratory with evaluation equipment. The tool contributes to diagnosing the capacity of organizations for sustainable development, elaborates a personalized strategic plan of action to respect the principles of the circular economy and develops a manual for self-training that contributes to the improvement of the current situation.

Short description of the project

The project integrates sustainability and circular economy in order to develop an evaluation tool.

Implementation period

01.02.2020 - 31.07.2020

Budget

47.600 RON (10000 EUR)

Main activities

The main activities are:

- Organizing knowledge for sustainability and circular economy
- Development of the tool for organizational evaluation
- Equipping a laboratory called EcosEc
- Dissemination of results in prestigious journals and scientific events.
- The elements of originality that the project brings are:
 - the diagnosis made in an integrated way by considering GRI indicators and standards
 - generates for each organization a strategic action plan to correct the deficient activities
 - a manual for self-training, personalized, according to the degree of maturity
 - creates a laboratory for organizational evaluation on sustainable development, provided with equipment and 5 trained evaluators.

Results

The results of the project are:

- Project identification through promotional materials
- Development and equipment of the laboratory called EcosEc (1 projector, 10 tablets, 2 laptops, 1 mini-library, teaching materials from recycled paper)
- Meetings with companies to identify indicators for evaluation
- Development knowledge maps to identify the organizational profile
- Publication of a manual for organizational self-training after evaluation

- Identifying the profiles and needs of businesses and economic opportunities
- Promotion of the evaluation tool in the business environment (over 9 appearances)
- Publication of 18 articles:
 - 3 articles in journals with quartile Q2, Q3 and WOS
 - 9 articles at WOS indexed conferences
 - 6 articles in BDI indexed journals
- Training of 5 trainers
- Training of more than 20 masters



Applicability and transferability of the results:

The project is based on the development of a tool for assessing the sustainability and deficiencies that can be applied in different companies.

- The developed tool can be used on companies from different fields of activity. It can be customized for other areas of activity.
- The instrument is used in laboratories of the faculty. It can be used by other fields of study.

Research team

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