



621492-EPP-1-2020-1-BG-EPPKA2-KA



BIO-Save Competence Catalogue

The tool for Career Guidance in BIO-Save horizon

IN THIS NEWSLETTER

The background

Bio-Save Competence Catalogue is grounded on the accumulated findings of Result 1: 'Skills gap demands biotech expertise in climate change mitigation' in respect to:

- Alignment with national/EU HE priorities: existing education curricula integrating modern biotechnology tools / educational needs / gaps in the project subject area
- Teaching strategies in Biotechnology and Education 4.0.
- Modern Biotechnology in the educational programs in each partner country
- The need for use of a common for Europe descriptors of skills, competences, and occupations relevant for the EU labor market and education and training

Creation of 40 Career Profiles

- Dedicated to Modern Biotechnology sector designed for graduates at different NQF/EQF/HE reference levels (6, 7, and 8).

Mapping the Bio-Save R1 findings towards ESCO

- ESCO – European Standard Classification of Occupations
- Classification of European Skills, Competences, and Occupations, a part of the Europe 2020 strategy
- Determination of a common for the project career domains / occupations and professionals

Bio-Save Career Profiles in

- Environmental Science and Protection
- Biomanufacturing / up- & down-stream processes
- Environmental engineering
- Genomics / Genetic Counselling
- Agricultural science



Bio-Save Career Profiles

- Contribute to Green abilities development since the educational material is focused on the topic of climate change mitigation strategies, GHS emissions decrease, augmentation of the negative impact on the environment.
- Give detailed view of STEM knowledge, as well as on job specific and soft skills required for academic professionals and biotech practitioners in the project area.
- Present wider competence general/wide ranging skills, underline the professional role of individual.
- Upgrade trainees' green abilities and skills for professional progress in the biotech sector.
- Stimulate the shift of the education towards smart and green competences.

Bio-Save Competence records are:

- Establishing common criteria and qualification standards for delivery of sample documents certifying the achievements one has realized during defined period of university education
- Providing the scheme for acquisition of competencies and how to deliver information on completed and current education of an individual in the target project area.



BIO-Save Individual profiles

Instructions how to:

- Indicate the skills and competences you have reached in the current training and present the Credit Points gained
- Provide a chronological list of any paid, volunteer, and fieldwork.
- Present the Competence profile certificate (CPC) you have been awarded on the basis of the individual profile(s) you have obtained upon completion of BIO-Save training program

BIO-Save: Create your Future here

- Provide any documents and evidence of experience in BIO-Save Horizon.
- Use the grid to assess, describe your digital knowledge, skills and competence and Provide Certificates that you have
- Provide evidence on honors or awards you received and present Conferences, Seminars and Courses you attended
- Describe your ideas for the tasks and mission realization and achievement of your goals



Application of the BIO-Save Competence Catalogue

In formal education mainstreams the M.Sc. curriculum learning towards occupation/career advancement.

Creating Individual profiles in:

- Environmental Science and Protection
- Biomanufacturing / up- & down-stream processes
- Environmental engineering
- Genomics / Genetic Counselling
- Agricultural science

In the Short intensive program for SMEs – supports the assembly of personal portfolio for better positioning at the labor market

Four Different SICs

- **SIC 1:** Climate change and the need for agricultural adaptation
- **SIC 2:** Biotech applications in agriculture to solve CC problems
- **SIC 3:** Agroecosystem responses and adaptation to CC
- **SIC 4:** Climate change & bioeconomy

In CVET – encourages the attendance of post-graduate courses for knowledge upgrading and up/re-skilling

Individual profile guidance

- Encourages the attendance of post-graduate courses for knowledge upgrading and up/re-skilling

For more information visit BIO-Save web site: <https://bio-save.eu/>



This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.



Co-funded by the
Erasmus+ Programme
of the European Union