



Project Partnership

- * *Sofia university
"St. Kliment
Ohridski"* 
- * *R & D "Biointech"
Ltd.* 
- * *Smart Project and
Consulting Ltd.* 
- * *Univerity of West
Attica* 
- * *SOKO-Institut für
Sozialforschung
und
Kommunikation* 
- * *Alma Mater
Studiorum –
Università di
Bologna* 

Issued by: Sofia University



- ⇒ *The Digit-BioTech project's main mission is to develop HE prospects for integrated environmental and innovation training in relation to interaction of biotechnology and digital technology areas.*
- ⇒ *The Digit-BioTech project's innovative achievements are focused on:*
 - * *Development of innovative training materials and practical teaching and guidance tools oriented towards project targets*
 - * *LO-based educational approach - offered in a blended mode and contributing to introduction of a training approach leading towards qualification*
 - * *Amalgamation of a virtual space and educational content thus implementing digital strategies in HE training*

DIGIT-Bio-TECH

**Digit-BioTech: Green
Technology Foresight
about Challenges from
Biotechnology and ICT**



During the **Digit-BioTech** life cycle the following **results** will be developed:

I) **Digital educational platform** comprising Intellectual Outputs (IO) in the frame of Biotechnology and ICT, designed as LOs.

 **IO1:** Open Content Platform, an innovative tool using using web 2b interface, 3D imaging technology and blended learning approach for a self-paced, free source of online education in the field of Biotechnology and ICT.

 **IO2:** Learning Area & Reference Model which will be focused on the development of the training programme and formulation of LOs/BLPs.

 **IO3:** Guide "Teaching and learning in HE" designed for academic professionals and offering both the essentials of effective HE teaching and guidelines how to use the project web platform.

 **IO4:** Students Smart Kit elaborated for BSc/MSc students and describing strategies for effective learning and the opportunities in the project.

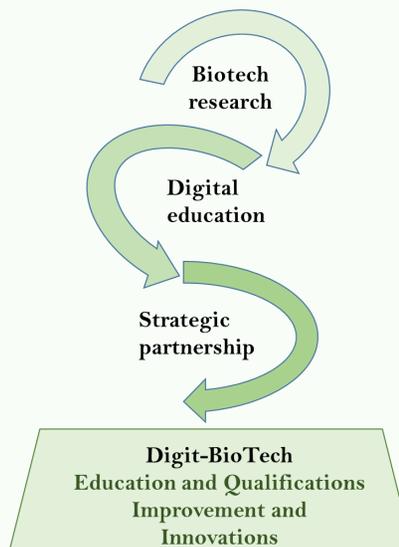
II) **Results for project management & administration:**

III) **Results dedicated on the MEs performance and popularization of all project deliverables.**

IV) **Results related with the organisation of TPMs**

The Digit-BioTech Innovations

- * Defining the applications of digital technologies in biotechnology.
- * Creating a virtual space and educational content, enriched with visual elements and simulations.
- * Applying the requirements of the European Qualification Framework and National Qualification Frameworks and the principles of higher education to provide the needed technical competence and skills to the target groups.
- * Supporting the innovative potential of digital technologies and their effect on the green industry.



The Digit-BioTech Target groups

Academic professional, BSc/MSc/PhD, students, biotech SMEs personnel HE providers and professionals working in the Biotechnology and ITC sectors, Representatives of Universities, academics, R&D Centers, educational policy decision makers, relative stakeholders.



By studying the modern implications of ICT in Biotechnology through the **Digit-BioTech** educational curriculum project direct targets (academic professionals and BSc/MSc students) **can get the knowledge and insights to shape a better future and to influence the bioinnovations in sustainable development of the biotech sector.** The various IC technologies integrated into Digit-BioTech project will further support the changes in curriculum design, academic practice, infrastructure and ways of higher education delivery in a digital age.