

MS47-2-3 EASY GOV: innovative platform for laboratory management
#MS47-2-3

M. Benvenuti ¹, M. Corsini ¹

¹University of Siena, Italy, Dipartimento di Biotecnologie Chimica e Farmacia - Siena (Italy)

Abstract

The pandemic situation of COVID-19 demonstrated the need to integrate technologies with the capacity to perform rapid and intelligent data analysis to support laboratory management. Laboratory activities will be more successful as more attention is devoted to redesigning their processes systematically, using the best management practices. The development of a Platform, which supports the management of needs and services related to laboratories, is the ambitious project of the EASY GOV European Project.

The goal is to provide an easy-to-use, efficient and innovative tool, to be implemented with the collaboration of university institutions, which need to manage the laboratories. The main aspects on which the project focuses are: the management of spaces, instruments, materials and waste, paying specific attention to laboratory safety.

Greater attention devoted to the systematic redesign of laboratory activities, using more efficient management practices, will ensure a better organization of collective work. Therefore, by reducing the time required for the timely scheduling and planning of laboratory activities, the EASY GOV Platform will be a valuable support to the daily work of technicians and researchers.

EASYGOV Platform promotes correct actions within the laboratories through mandatory online tests, which also allow adequate supervision and which provide the basic requirements in terms of good laboratory practices.

Participating in the EASY GOV Project also means promoting collaboration and the exchange of knowledge at an international level between European technicians and researchers, thus helping to develop and standardize new procedures that make use of innovative practices for the management of laboratories.

Modules of the project:

Management of laboratory equipment, Chemicals management, Management of Biological Resources, Waste Management, Management of laboratory material, Management of laboratory spaces, Service management, Laboratory Safety Management, Training management.

Objectives of EASY GOV project are: to promote an innovative practice in a digital era, capable of meeting expectations/needs and experiences in a European/international context face to COVID-19 pandemic; to promote an easy, effective and efficient management tool at the level of institutions with laboratory facilities; to promote internationalization; to promote transparency and recognition of skills and qualifications; to contribute to organizational modernization.

EASY GOV European Project Website: <https://easygov.bio.uminho.pt/>

References

THE PROJECT

EASY GOV is a European Project (Project No. 2020-I-PT01-KA226-HE-094702) in which participate five partners from four European countries (Universidade do Minho, Portugal; University of Siena, Italy; Panepistimo Thessalias, Greece; New Consulting-Information Systems, Lda, Portugal; Rigas Stradina Universitate, Latvia) with a budget of 262.040,00 €.

Project Team for the University of Siena unit: Manuela Benvenuti and Maddalena Corsini (Department of Biotechnology, Chemistry and Pharmacy).



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