



OPEN COURSEWARE
ON RESPONSIBLE
FOOD PACKAGING

COORDINATOR ACTIA

THIS PROJECT HAS RECEIVED FUNDING FROM THE EUROPEAN UNION'S ERASMUS PROGRAMME UNDER CONTRACT N° 2021-1-FR01-KA220-HED-000023509

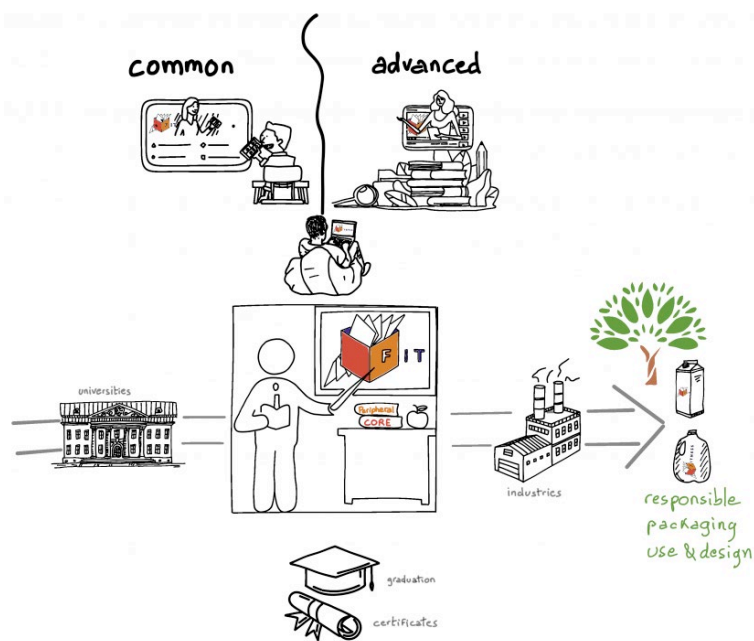
KEY PROJECT MESSAGES

FITNESS 2.0 IS AN EU-FUNDED PROJECT THAT AIMS TO BOOST THE IMPLEMENTATION OF THE EUROPEAN UNION'S NEW "GREEN DEAL" BY IMPROVING THE SKILLSETS OF BOTH CURRENT AND FUTURE PACKAGING PROFESSIONALS.

FITNESS 2.0 WILL GIVE EVERYONE FREE ACCESS TO ONLINE COURSES ABOUT THE DESIGN AND USE OF RESPONSIBLE FOOD PACKAGING THAT HELPS TO OPTIMISE THE SYSTEMS CONSIDERING SEVERAL IMPORTANT AND SOMETIMES CONTRADICTIONARY CRITERIA DERIVED FROM THE DIFFERENT ROLES THAT PACKAGING PLAY.

FITNESS 2.0 WILL PROVIDE STUDENTS AND PROFESSIONALS WITH PERSONALISED COURSE CERTIFICATES VALIDATED THROUGH ONLINE LEARNING PERFORMANCE ASSESSMENTS.

Food packaging is often necessary or even essential for protecting food, keeping it safe, and thus preventing substantial food losses. It can help to enable the preservation, transportation, distribution, and preparation of food. However, food packaging today is strongly associated with both environmental and consumer health risks. To help packaging professionals address this challenge, the Fitness platform was created to provide training courses of different levels on the design of responsible food packaging. The platform includes courses covering all aspects of food packaging from its production and use through to reuse and the end-of-life phase including recycling and disposal.



ABOUT US

CONTEXT

The European Green Deal and the new circular economy action plan are game changers for food production and retailing. The food and drink industry is the largest manufacturing industry in the EU (EU Food Drink Industry Data and Trends 2019) and, therefore, a top contributor to Europe's economy. It generates the highest turnover (15%), added value (13%), and employment (15%) ahead of other manufacturing sectors. Despite these significant economic contributions, the sector faces numerous challenges associated with insufficient preparedness and the lack of harmonised regulations and standards. Education programs need to be reshaped to accelerate the transition to sustainable production and stimulate innovation. This includes considering food quality preservation and safety, food loss and waste minimization, supply chain optimization, materials improvement, packaging strategies and better processing, impacts on human and environmental health, as well as end-of-life operations for recovery, recycling, composting and biodegradation.

AMBITION

The current open-source Fitness platform is one of the largest e-learning platforms on food packaging globally (3 months' worth of lectures are online). It is accessible without needing an account, and anyone can duplicate it. The ambition of the new Fitness 2.0 project is to reach a broader audience in the food packaging value chain, from the chemical industry to recyclers, and to offer certified courses validated by online tests.

IMPACT

The project will contribute to accelerating the digital transformation of education and training systems by bridging education, research, and innovation, as well as by creating a global community within the field and offering new training paths for current and future professionals.

In addition to expanding the current set of courses, Fitness 2.0 is committed to implementing the possibility of multilingual courses and the innovative approach of personalised learning (using an artificial intelligence-based assistant and guided curriculum). The Fitness 2.0 project has as its main target audience food and packaging engineers, recycling and processing professionals, and circular economists.

FOLLOW OUR PROGRESS



www.fitness-foodpackaging.com



https://twitter.com/fitness_2_0



<https://www.linkedin.com/company/fitness-packaging>

COORDINATOR : ACTIA-LNE (FRANCE)

EIGHT ACTIVE PARTNERS REPRESENTING SIX DIFFERENT COUNTRIES :

CROATIA (UNIVERSITY OF ZAGREB)

DENMARK (AARHUS UNIVERSITY)

FRANCE (ACTIA [LNE], AGROPARISTECH [INRAE], L'INSTITUT AGRO DIJON, UNIVERSITY OF BOURGOGNE)

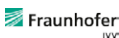
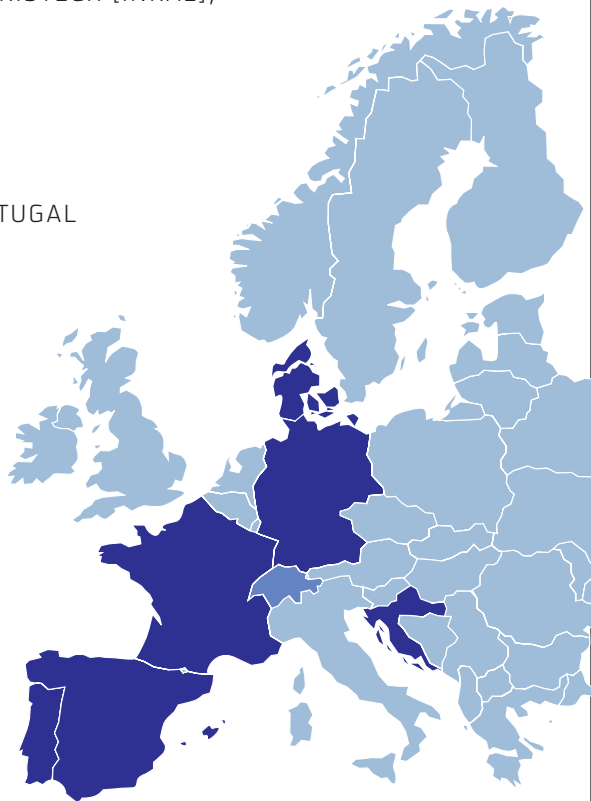
GERMANY (FRAUNHOFER)

PORTUGAL
(CATHOLIC UNIVERSITY OF PORTUGAL FACULTY OF BIOTECHNOLOGY)

SPAIN (CSIC)

ONE ASSOCIATED PARTNER:

SWITZERLAND
(FOOD PACKAGING FORUM)



*Fitness 2.0 is funded by ERASMUS+ as a Cooperation Partnership
2021-1-FR01-KA220-HED-000023509*

This project has been funded with support from the European Commission. This document 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.

CONTACT US

Gemma Cornuau, project coordinator

ACTIA (THE FRENCH NETWORK FOR FOOD TECHNOLOGY INSTITUTES)

149 rue de Bercy - 75012 Paris - www.actia-asso.eu

+33 (0)6 18 69 52 13

g.cornuau@actia-asso.eu



ACTIA