

call for students

FEEDING MADEIRA

REGENERATIVE AND DISTRIBUTIVE FOOD SYSTEMS
FOR SUSTAINABLE ISLAND FUTURES

Funchal, 5-15 July 2022



DC4DM Learning Lab 1
hosted by Universidade da Madeira

www.dc4dm.eu



With the support of the
Erasmus+ Programme
of the European Union



Digital Creativity
for developing
Digital Maturity
Future Skills



UNIVERSIDADE da MADEIRA

FEEDING MADEIRA

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5-15 July 2022

Colégio dos Jesuitas - Universidade da Madeira
Funchal, Madeira island, Portugal

Are you interested in discovering how digital technologies can encourage designing a more sustainable world?

Are you interested in learning a new methodology to think and create in a collaborative, fair and innovative way?

Are you interested in co-designing real tech solutions for Madeira Island, and work within an international and multidisciplinary environment?

If it is so, we have a fantastic workshop for you!



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The context

In the context of a small island in the Atlantic Ocean such as Madeira, the delicate balance between human needs and the availability of natural resources is under constant threat. This requires preparing future generations of creatives and entrepreneurs with the right mindset and skills to collaborate and ideate opportunities for sustainable futures. Today the goal is to learn to design and implement systems that can be distributive and regenerative, to benefit individuals and communities, local economies and the environment. The role of digital technologies is considered fundamental in this process of rethinking the way we design and implement new sustainable scenarios.

The first DC4DM Learning Lab will happen in Funchal and will focus on food, intended as the whole food chain system, from production, to distribution, consumption and regulation. To design new sustainable food systems, the participants will be invited to embrace the theme from different perspectives by considering the role of producers, consumers, and policy makers. They will have to identify a design opportunity that would consider the application of one of the proposed digital technologies to shift to more distributive and regenerative systems for the island of Madeira.

What is a Learning Lab?

A Learning Lab is a 10-days design-led workshop where students from design, engineering and management will work collaboratively to design new tech solutions for more sustainable and ethical futures. Multidisciplinary teams would explore the potentialities of some digital technologies proposed by selected tech-SMEs or startups and will be mentored by international experts from various fields and backgrounds.

Learning Labs are an opportunity to learn about a new methodology to think and design in a digitally mature way, developing skills to identify opportunities for innovation through the application of digital technologies.

Learning Labs are part of the DC4DM methodology, one of the outputs of the ERASMUS+ funded project titled 'Digital Creativity for developing Digital Maturity future skills'. The DC4DM project aims to implement, apply, and disseminate within a European network of HEIs, SMEs and startups, business incubators, a human-centered educational model able to develop and empower digital creative abilities to achieve digital maturity. Partners in this project are Politecnico di Milano, Mines Saint-Étienne, Télécom Saint-Étienne, Universidade da Madeira and StartUp Madeira.



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What will you do?

At the Learning Lab 'Feed Madeira' you will meet and work with students and experts from different countries and disciplinary fields, particularly from design, engineering and management. You will learn about exciting digital technologies through five design briefs defined with five national tech-driven SMEs and startups.

The Learning Lab in Funchal represents a valuable opportunity to collaborate and design in team new sustainable product-service systems for the island of Madeira. The tech-solutions will contribute to rethink the whole food chain as a distributive and regenerative system for local communities, natural ecosystems and their organisms.

The Learning Lab 'Feed Madeira' will involve:

- 5 tech-oriented SMEs and start-ups proposing the application of different digital technologies or services;
- 5 or more Madeira companies related to the local food chain, from production, to distribution, consumption and policy making;
- several mentors from the areas of design, management, information technology, and sustainable agriculture.

Teams will work both at location and in the field to observe and reflect on the real challenge of shifting toward more sustainable systems.

Who can participate?

University of Madeira students, bachelors, masters and PhD's, from the areas of design, management, engineering, agriculture and biology can apply.

Be aware that the Learning Lab 'Feed Madeira' will be run in English; applicants are required to understand and speak English (any level).

Why should you participate?

You will meet students and professors from other European schools and learn about other ways to think, design and innovate toward a digital mature mindset.

You will have the chance to meet real SMEs and startups, learn about new digital technologies and speculate on the possible new applications and sustainable futures.

As an international summer school, this programme will enrich your curriculum and provide you with new tools to develop an entrepreneurial and creative approach to problem solving.



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The participation to the workshop will provide an official **certificate of participation** released by UMA, StartUP Madeira and DC4DM consortium.

Finally, **the most engaged students will be selected to attend one of the following Learning Labs** happening in Saint-Etienne (October 2022) and Milan (January 2023).

How can you apply?

The participation in the Learning Lab is free of charge, but registration is compulsory. You should send your application by the **24th of June 2022** through the form:

<https://forms.gle/EUkPdbdkMwZ6A5jj9>

The following information will allow us to select 15 students from Universidade da Madeira to attend the Learning Lab and work with students from Politecnico di Milano (IT), Mines Saint Etienne and Telecome Saint Etienne (FR):

- your background and current studies;
- your best skills;
- what motivates you to attend “Feed Madeira” Learning Lab;
- what you hope to get out of this experience.

Intellectual properties

Participants will be asked to sign an NDA for the confidentiality of knowledge and tech-products made available by the SMEs and startups. At the same time, these companies will sign a document that will protect the intellectual property of the projects emerging from the Learning Lab ‘Feed Madeira’.

More information

web: www.dc4dm.eu

email: info@dc4dm.eu

instagram: [@dc4dm](https://www.instagram.com/dc4dm)