



 Convention for the Safeguarding of the Intangible Cultural Heritage, UNESCO

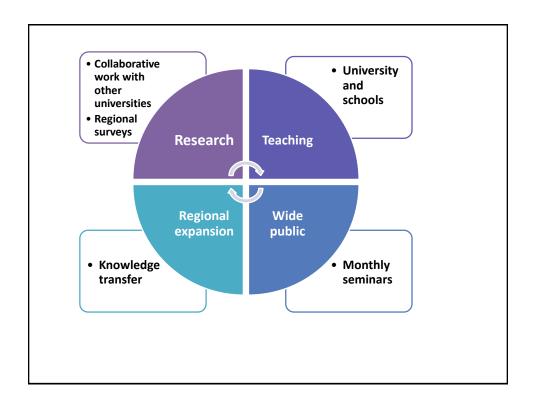
#### Culinary heritage of Zahlé recognized by UNESCO

- · Creative cities network- Gastronomy category
- https://youtu.be/nti\_fSNUbII





- Preservation of Lebanon's culinary heritage
- Help in rural development by the valorisation of culinary ancestral know-how in Lebanese villages
- Help in sustainable development through the development of local products
- Help the development of agro-tourism in Lebanon by insuring a better visibility to Lebanese rural regions, their food as well as culinary resources

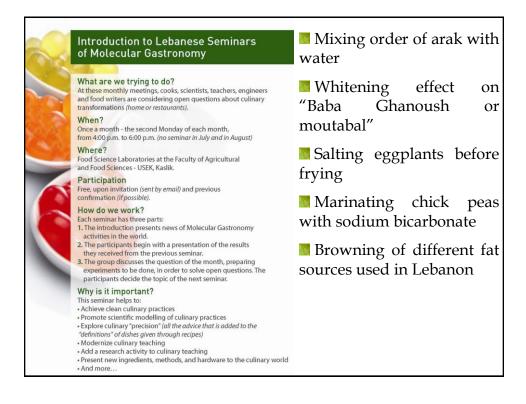


# 1. Research

Research topic	Objective
Optimization of non gluten kneffe bread	Strengthening links between academia and the
	private sector through research and development and
	innovation
Study of traditional Marzipan from Zouk-Mikael	Elaborate specific protection labels for local
	traditional products
	Support rural development and agri-tourism, by
	promoting Lebanese culinary ancestral know-how
Exploration and colloidal stability development of	Explore by molecular gastronomy the molecular
fermented milk drinks (ayran)	reasons of non-stability of certain Lebanese food
	products
Scientific exploration of culinary precisions of	Promoting traditional Lebanese products and their
different preparation modes of Hommos Bi Tahine	scientific development by molecular gastronomy
Development of a new Lebanese menu: explorative	Understand the consumer's perception of traditional
study	and new Lebanese recipes
Study of the emulsifying properties of chickpea	Valorization of a Hummus by-product
cooking water as a by-product valorization of	Creat vegan Lebanese innovations based on
Hommos production	chickness its derivatives and hy-products



## 2. Monthly seminars





# 3. Education at bachelor level









# 4. Education at master level





# 5. Education at school level

- ♠ Explore culinary transformations from the perspective of technique, technology and science but also from cultural perspective (art, literature, history, society, languages).
- ♠ Study of culinary sayings regarding dishes from all over the world with a focus on French and Arab countries cuisines. This action was implemented in Doha (Qatar)

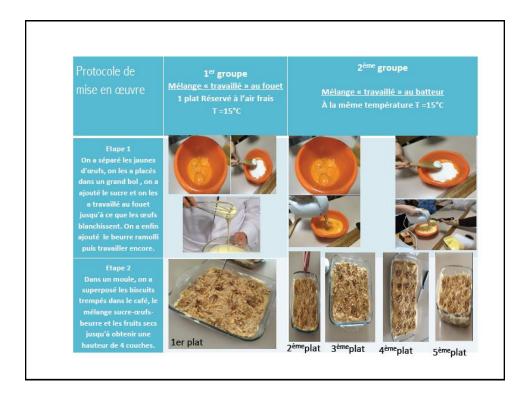


# Le gâteau courant d'air كعكة تيار الهواء



Réalisons un délicieux gâteau tunisien sans cuisson à base de biscuits trempés dans du café. Ce gâteau s'appelle « le gâteau courant d'air » ou « khobzet hwé » parce que les aïeules qui n'avaient pas de réfrigérateurs à l'époque le plaçaient dans un endroit frais et aéré, balayé par un courant d'air. Un gâteau typiquement tunisien, idéal en soirée, pour le café et surtout pour Ramadan!

هذه كعكة تونسية تسمى "خيزة كوران دار" و ذلك لأن العائلات قديما لا تملك الثلاجة فكانت تعد مذه الكعكة و تضعها في مكان بارد حتى تتماسك كل مكوناتها و تستطيع بعد ذالك تقطيعها بسهولة و الآن يسميها البعض كعكة البسكويت لأنهم أصبحوا يضعونها في الثلاجة





#### Deuxième paramètre : La température.



Sur les trois moules restants, faisons varier la température de la façon suivante :

A T = 2°C plaçons le moule avec le gâteau en bas du réfrigérateur.

A T =  $8^{\circ}$ C plaçons le moule avec la gâteau en haut du réfrigérateur.

A T = 29°C plaçons le troisième moule à l'extérieur de la pièce au cours d'une journée ensoleillée à Doha.

Quels résultats obtient-on ?





# 6. Continuing education and knowledge transfer



#### 7. Local and International

#### Locally, this year new in Montpellier Supagro

The TRAD-INNOVATION module addresses the innovation of foods from the food heritage by integrating **multidisciplinary knowledge** with the aim to rediscover, claim local specificities, preserve and improve regional and local recipes and products, whether at artisanal or industrial scale.

<u>CONCEPT</u> – The TRAD-INNOVATION module should make it possible to analyze the "typicity and authenticity" of a traditional recipe (historical and heritage aspects) and to consider its "innovative transformation under constraint" (for example = adapting a recipe based on meat to a vegetarian consumer target; modify the nutritional value of a recipe for a specific target; modify the consumption methods of a traditional food).

# Condensed module over 2 weeks, alterning conferences and learning by project

- **Step 1** Search for **recipes and traditional products** from a French region (identify several (minimum 4) traditional dishes and explain the choice of one among the 4).
- Step 2 Historical / anthropological exploration of the selected recipe.
- Step 3 Identification of know-how / variants / nutritional qualities of the recipe (diversity of recipes).
- **Step 4 Creativity under constraint** around the identified recipe (eg food for seniors, food for children, vegetarian diet, etc.), with the same constraint for all groups of students.
- **Step 5** Transformation of the selected innovative idea into a **technological flowsheet**, with the identification of key technical points.
- Step 6 Experimentation in an experimental kitchen to test a physicochemical or organoleptic characteristic of the innovative recipe from a scientific perspective (analytical, sensory).
- **Step 7 Presentation** of the innovation project under constraint of a traditional food: exploration of the circle of possibilities.





Local &......International

## **Virtual Food Challenge Day**

#### Street Food (Truck)



Tuesday 12th of January 2021 09:00 a.m. to 05:30 p.m.



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#### Context

Virtual Food Challenge Day 12th of January 2021

# BIENVENUE à tous Welcome to All!

And thanks to COVID 2019

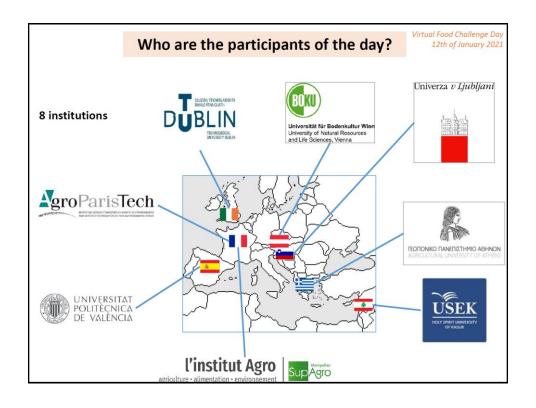
For allowing us to imagine this Day!!!!

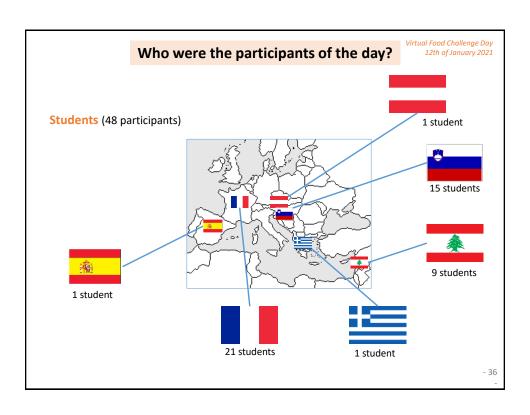
- The 2019 COVID crisis is impacting populations and activities.
- The 2019 COVID crisis no longer allows us to teach "as we used to do"
- The 2019 COVID crisis forces us to be innovative in order to continue teaching.
- The 2019 COVID crisis allows us to have very good ideas to continue to interact with professionals and students in the agri-food industry.

This year and due to sanitary constraints, we are turning it into an **unique experience** that can reach your students as well!

- Idea to travel without a visa and without stepping into an airplane? and without taking a covid-test? Food Hackathon
- International contacts: FEEDtheMIND (Slovenia, Spain, Greece, Austria, France) + personal contacts (Lebanon, Ireland, France)

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#### Coaches, experts and jury members

Virtual Food Challenge Day 12th of January 2021

- 13 coaches, experts and jury members
- · Professors/researchers/pedagogical engineers in food science area



Samar AZZI ACHKOUTI



Reine BARBAR



Marc BOU ZEIDAN



Róisín BURKE



Bernard CUQ



Purificación GARCÍA SEGOVIA



Stéphane GUILBERT



Mojca KOROŠEC



Aleš KUHAR



Claire MANGANI



Javier MARTINEZ MONZÓ



Paloma POIREL



Hervé THIS

#### **The Street Food Challenge**

Virtual Food Challenge Day 12th of January 2021

#### **CHALLENG**

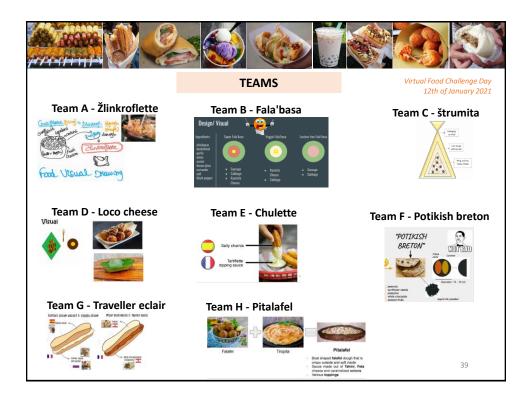
Imagine and develop the concept of an innovative food resulting from the fusion of 2 traditional foods from your countries, for one specific consumption context = "street food and food truck".

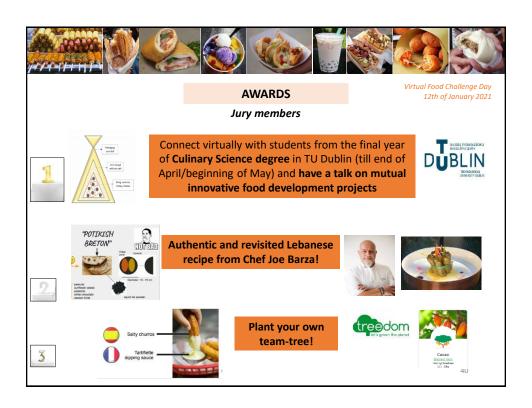
One emblematic food recipe + One emblematic food recipe = One innovative Street Food sold in a Food Truck

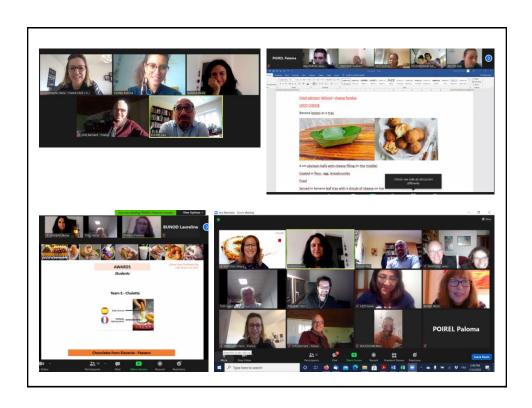
Fusion of food culture & food engineering











# 8. And Now?

### **FEEDtheMIND**



Food-related European Education in the Digital era to Motivate Innovative New-product Development programme ERASMUS+ 2019-1-FR01-KA203-063034

FEEDtheMIND project intends to demonstrate that the European food education requires a systemic, interdisciplinary approach based on a food innovation education of excellence and a project-based approach.

Duration: 3 years [1/09/2019 - 31/08/2022]

#### Objectives:

- adapt, test and implement a digital pedagogical platform focusing on the development of an innovative food product;
- facilitate the exchange of pedagogical methods between the different European HEIs partner organisations;
- · contribute to the rethink of the curriculum design by enabling HEIs to provide online courses.

Ultimately foster entrepreneurship among students attending food-related degrees.



And the group of MG

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#### Funded by the Erasmus+ Programme of the European Union

# MAIN THEMES FOR A FUTURE PROJECT



