



CAMPUS DES MÉTIERS ET DES QUALIFICATIONS D'EXCELLENCE

Bioeco Academy
Grand Est

NEWSLETTER #23

April 2024

Page 1

MY GREEN CAREER,
CMQ's LATEST GAME

Page 2

INTRODUCING
HAILEY CIAR
EUROPEAN BIOECONOMY
CHANGEMAKERS
FESTIVAL IN FRANCE!

Page 3

THE EVENT IN
PICTURES

Page 4

ROLL OUT OF THE
BIOECONOMY COURSE
KIT

THE SACRÉ-COEUR
HIGHSCHOOL AT CEBB

Pages 5

BACHELOR STUDENTS
CYCLE VISITS

BREWERY TOUR :
LA MARGOULETTE

Page 6

TIME TO A
PHOTOSHOOT!

Page 7

OPERATOR IN
BIOTECHNOLOGIES AND
GREEN CHEMISTRY

MINI I LASALLE THILLOIS

Page 8

IN A FEW WORDS

2024

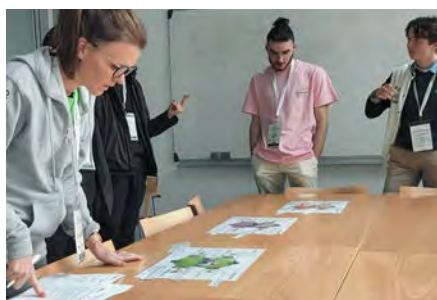
REIMS

MY GREEN CAREER, THE NEW DISCOVERY GAME FOR EXPLORING BIOECONOMY CAREERS

THE CMQ's NEWEST FLAGSHIP GAME !



The CMQ's new animation, 'My Green Career', is finally available. This discovery game of bioeconomy and industrial biotechnology careers was developed by the CMQ of Excellence Bioeco Academy and the Regards laboratory at URCA. Its objective is simple: to reconstruct the identity card of about thirty professions by identifying the job description, tasks, required knowledge, skills, and necessary training. There is a version for middle school students and a more complex one for high school students.



INTRODUCING HAILEY CIANTAR, YOUTH AMBASSADOR



As part of the organisation of the **French satellite events of the European Changemakers Festival**, the CMQ welcomed Hailey Ciantar to France. This young **Maltese student** in her final year of 'Global Law' at Tilburg University in the Netherlands is one of the 15 European Bioeconomy Ambassadors; this initiative emerged during the

European Year of Youth in 2022.

At her young age, Hailey is a passionate advocate for a **greener, safer, and fairer world** for all. She works actively to amplify the voices of youth on environmental issues. As the creator of the podcast 'Bioeconomy Matters,' the **world's first podcast dedicated to the bioeconomy**, she aims to raise awareness and spark conversations at the intersection of bioeconomy and other fields such as fashion, education, and politics, among others.

The CMQ had the pleasure of hosting her as a prestigious guest at the two satellite events of the Bioeconomy Changemakers Festival in Paris and Reims consecutively.

During her visit to Reims, Hailey benefited from a **rich program prepared by the campus**, including the discovery of bioeconomy awareness tools deployed in the olympiads, a tour of the Bazancourt-Pomacle biorefinery, as well as the CEBB (European Center for Biotechnology and Bioeconomy), to introduce her to the rich industrial ecosystem we host. It was the perfect opportunity to show her concretely why the Grand Est region is considered the epicenter of bioeconomy in Europe.

SCAN THE QR CODE TO ACCESS THE PODCAST



EUROPEAN BIOECONOMY CHANGEMAKERS FESTIVAL IN FRANCE !

The European Commission, in collaboration with the 15 bioeconomy youth ambassadors, organized the '**Bioeconomy Changemakers Festival**' from March 11th to 17th, 2024.

The aim of this initiative is simple: to raise awareness among young people about **sustainable bioeconomy** and discover how it can contribute to the multiple challenges Europe faces today.

More than 30 satellite events were organized throughout Europe, two of which took place in France with the **presence of Hailey Ciantar**, one of the EU bioeconomy youth ambassadors 2022-2024.

On March 11th in Paris, '**La Matinale Bioeco**' was organized by La Coopération Agricole in partnership with AgroParisTech and the CMQ of Excellence Bioeco Academy. Around three roundtable discussions, the agricultural cooperatives and the agri-food industry exchanged ideas on market opportunities, communication challenges, territorial development, and opportunities for adapting to the world of tomorrow.

On March 12th in Reims, the CMQ had the pleasure of organizing a **special edition of the Bioeconomy Olympiads** : a day entirely dedicated to discovering this promising economic sector with 49 students from Reims - first-year scientific students from the Sacré - Coeur High School, first-year STL students, and BTS Bioanalyses and Control students from Libergier High School.

Organized into 8 teams, the students competed throughout the day with a very rich program :

- the morning : workshops related to the bioeconomy led by the CMQ and Accustica such as the Fresk, Create your biorefinery game, the escape game "Bioeconomy at risk," the bioeconomy game, and the vineyard co-products.
- the afternoon : a communication challenge in partnership with biobased companies (CristalUnion, Peintures Chagneau, ARD, Givaudan, Cérésia, Terrasolis, CEBB with CentraleSupélec and AgroParisTech, and La Coopération), Each team had the opportunity to interact with one of these companies.

The day ended with pitches from each team in front of a jury composed of representatives from the Grand Est region, the Bioeconomy For Change competitiveness cluster, the International Development Department of URCA, and Hailey Ciantar.

A big congratulations to the students for this wonderful day, and a big thank you to all our partners for their involvement!

THE EVENT IN PICTURES



ROLL OUT OF THE BIOECONOMY COURSE KIT

As part of the rollout of the Bioeconomy Course Kit, The CMQ was able to raise awareness among students at **Bazancourt secondary school** and **Somme-Vesle Agricultural High School** about **bioeconomy**, its careers, and its training opportunities.

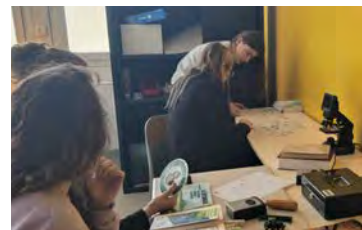
- **Bazancourt Secondary School**

On March 15th, 50 8th-grade students from Bazancourt Middle School visited the **CEBB and its laboratories**. The CMQ also proposed them 2 activities: **the Bioeconomy Fresk** and **My Green Career** orientation game to discover around thirty bioeconomy and industrial biotechnology careers. The afternoon was dedicated to creating a mini-written presentation followed by an oral presentation, with the theme: *After presenting what bioeconomy is, imagine a new bio-based product*. Thus were born the 'Savanille' soap (vanilla aroma from wood chips), the 'Cahierbe' notebook (paper made from grass), the 'Bioswim' swimsuit (made from apples and algae), and the 'Coque Saint Jacques' phone case (made from shells).



- **Somme-Vesle Agricultural High School**

On March 28th, the CMQ team visited Somme-Vesle Agricultural High School to meet with three classes: STAV Production, STAV Transformation, and General Scientific last year students. They introduced them to the **escape game 'The Bioeconomy at risk'** and the **new bioeconomy career game, My Green Career**. This initiative aimed to inspire new vocations among these young students.



SACRÉ-COEUR HIGH SCHOOL AT CEBB

As part of the **Collaborative Projects Call**, The CMQ of Excellence Bioeco Academy and the CEBB organized two half-days for students in the 10th and 11th grades of Sacré-Cœur High School in Reims. During these sessions, students had the opportunity to explore **bioeconomy, biorefinery, careers, and educational pathways in these fields**.

They participated in various workshops including lectures, the Bioeconomy Fresk, the Biomass Game, a visit to CEBB and its laboratories accompanied by a researcher, as well as a guided tour of the Cristanol distillery (Cristal Union).

The engaged students showed a keen interest, and perhaps some of them will consider pursuing a professional career in this sector!



THE VISITING CYCLE FOR THE BACHELOR STUDENTS ON CMI BIOTECHNOLOGIES AND AGRORESOURCES FROM URCA

During the month of March, the CMQ accompanied a series of visits for the bachelor students on CMI Biotechnologies and Agroresources from URCA to discover local actors in the bioeconomy.

On March 6th, they had the opportunity to visit the Agricyclage site, an exemplary facility for treating organic waste through composting and anaerobic digestion. This initiative, led by six farmers, is truly forward-thinking.

On March 27th, they explored the inner workings of La Bouquine brewery located in Cormontreuil. Mathieu Aubert, a craft brewer since 2012, shared the recipe for a successful beer. From selecting ingredients to the brewing process of the 19 beers produced by his team, using quality malts sourced from cereals grown near regional malt houses. Malt crushing, mashing, filtration, fermentation, yeast, and starch are no longer mysteries to our aspiring brewers!

Finally, students concluded the visits at CEBB on March 28th, where they exchanged with researchers from CentraleSupélec and AgroParisTech to discover their ongoing research projects.



- Agricyclage Visit



- La Bouquine Visit



- CEBB Visit

25/03/2024

BERGNICOURT

BREWERY TOUR : LA MARGOULETTE

On March 25th, CMQ accompanied 13 second-year students from the BTS Bioanalyses and Controls program at Libergier High School to visit the artisanal brewery La Margoulette in Bergnicourt.

Fabrice Devie, a passionate brewer since 2010, revealed nearly all the secrets of his beer production process to the students, from selecting barley and wheat malt to labeling, covering brewing and fermentation among other steps.

The BTS students were not entirely new to the brewing world, but all left with additional knowledge. This experience could serve to illustrate their chemistry classes and perhaps even inspire career aspirations.

For this visit, transportation was funded by the CMQ of Excellence Bioeco Academy as part of the Collaborative Projects Call initiative established by the campus.



TIME TO A PHOTOSHOOT!

In this Olympic year, the CMQ presents its traditional photo contest 'Bioeconomy in Pictures' on the theme 'Plants in Sports.' The contest is open to all!



CAMPUS DES MÉTIERS ET DES QUALIFICATIONS D'EXCELLENCE
Bioeco Academy
Grand Est

ÉDITION 2024

Du 02 avril au 31 mai

LA BIOÉCONOMIE EN IMAGE



“ LE VÉGÉTAL DANS LE SPORT ”



Règlement et inscription



We look forward to receiving your most creative and beautiful shots until May 31st.

I PARTICIPATE

OPERATOR IN BIOTECHNOLOGIES AND GREEN CHEMISTRY

The CMQ is once again launching its Professional Specialization Diploma (DSP) Operator in Biotechnologies and Green Chemistry. This **one-year diploma**, offered through an alternating **work-study program**, is open to all students who have **completed their baccalaureate** (via Parcoursup), as well as to **job seekers** (via email: dfpa@univ-reims.fr).



POUR QUI ?

- Bacheliers
Inscription et admission post-bac via PARCOURSUP puis sur dossier et sur entretien
- Personnes en formation (16 - 29 ans)
Formation ouverte aux contrats d'apprentissage et aux contrats de professionnalisation
- Personnes en reconversion professionnelle
Inscription sur dossier et sur entretien

LOCALISATION DES ENSEIGNEMENTS

- REIMS, TROYES, THILLOIS, POMACLE



MÉTIER POSSIBLE À L'ISSUE DE LA FORMATION

OPÉRATEUR / OPÉRATRICE DE PRODUCTION

Dans le domaine de la biotechnologie, les opérateurs et les opératrices de production s'assurent du bon déroulé d'une ou de plusieurs étapes de production d'un produit. Ils travaillent dans le respect des conditions de travail, de sécurité, des procédures et des règles d'hygiène liées à l'usage de biotechnologies par l'entretien, le nettoyage et la stérilisation du matériel.

Ils réagissent efficacement face aux divers problèmes qu'ils rencontrent en mobilisant leurs connaissances technico-pratiques.

NOUS CONTACTER :
cmq-formation@univ-reims.fr

DIPLÔME DE SPÉCIALISATION PROFESSIONNELLE

OPÉRATEUR EN BIOTECHNOLOGIES ET CHIMIE VERTE

Diplôme Universitaire

CAMPUS DES MÉTIERS ET DES QUALIFICATIONS D'EXCELLENCE
Bioeco Academy
Grand Est

Grand Est

MINI L LASALLE THILLOIS AT CARREFOUR CERNAVY

The **young entrepreneurs from LaSalle Reims-Thillois High School** were present on Saturday, March 30th, in the Carrefour Reims Cernay shopping gallery, showcasing and selling their bio-based products.

- KBoiseaux avec leur nichoir et cabane à insectes
- Florywall avec leur étagère florale en palette

Just a reminder, this Mini-Enterprise® L is organized by 'Entreprendre pour Apprendre Grand Est' and **mentored by the CMQ of Excellence Bioeco Academy**.



IN A FEW WORDS



04/03/24

REIMS

OPEN SCIENCES LABZ

On March 4th, the launch of the Open Sciences Labz took place at the Moulin de la Housse campus of the University of Reims Champagne Ardenne, marked by the laying of the foundation stone. The 'Open Science Labz' project entails a new building spanning over 1,000 m², slated to host the offices of the CMQ Bioeco Academy, along with the 'Maison pour la science' and 'Accustica', by the year 2025.



06/03/24

PARIS

EXCHANGE DAY AT THE TALENTS FOR THE PLANET EXHIBITION

On March 6th, the CMQ hosted a stand at the Parc Floral de Paris during the 4th edition of the Talents for the Planet exhibition. Through biomass games, a 3D model of the Bazancourt Pomacle biorefinery, and a mini-exhibition of bio-based products, this day provided an opportunity to introduce the bioeconomy and its challenges to newcomers, students seeking education, and professionals in transition.



18 & 19/03/24

LYON

MEETING THE CMQ D'EXCELLENCE CHIMIE DE AURA

On March 18th and 19th, the CMQ of ExcellenceBioeco Academy Grand Est and the CMQ Excellence Chemistry Auvergne-Rhône-Alpes came together for a mutual exchange, sharing experiences and exploring potential avenues for joint projects. These two days concluded with a visit to the Roussillon chemical platform. We extend our gratitude to GIE Osiris Roussillon for their hospitality and to the CMQ Excellence Chemistry for organizing the event.



**CAMPUS
DES MÉTIERS
ET DES
QUALIFICATIONS
D'EXCELLENCE**

**Bioeco Academy
Grand Est**

FOLLOW US



CONTACT US

cmq-bioecoacademy@univ-reims.fr