

#26

Newsletter



CAMPUS
DES MÉTIERS
ET DES
QUALIFICATIONS
D'EXCELLENCE

Bioeco Academy
Grand Est

NOVEMBER 2024

2ND EDITION OF THE BIOECONOMY MONTH

CHÂLONS FAIR 2024

BIOECONOMY OLYMPIADS

FORUM OF VOCATIONAL EXCELLENCE

SUMMER SCHOOL SPORT
& ENVIRONMENT

PHOTO CONTEST
AWARD CEREMONY
CHALLENGE BISC-E
WINNERS

BIOECONOMY
DISCOVERY
THE FANTASY OF TREES

GRAND REIMS
BIOECONOMY
WORKSHOP
VISIT TO AGRONUTRIS

IN A FEW
WORDS

2ND EDITION OF THE BIOECONOMY MONTH

AUGUST 31ST TO SEPTEMBER 30TH 2024 - GRAND EST REGION

On August 31st, 2024, the **2nd edition of Bioeconomy Month in Grand Est**, coordinated by CMQe, was launched during the opening of the **2nd edition of the Bioeconomy Village**. This event was co-organized by B4C, the CCI Grand Est, GRDF, the Grand Est Chamber of Agriculture, and the Grand Est Region and took place in Hall 4 of the Châlons Fair.



10 000 PEOPLE ENGAGED IN
BIOECONOMY-RELATED TOPICS

102 LABELED EVENTS
ACROSS THE GRAND EST REGION

66 PARTNERS

This edition featured events for various professional sectors (agriculture, academia, industry), elected officials, students, job seekers, and the general public. It included more activities on cross-cutting themes such as technology, art, and sports, and focused on **company visits and public events** like the Bioeconomy Fair.



CHÂLONS FAIR 2024

FROM AUGUST 30TH TO SEPTEMBER 9TH - CHÂLONS

STAND URCA

On the occasion of the **Bioeconomy and Environment Day**, co-organized by the EXEBIO Institute, CEBB, Accustica, and the CMQe Bioeco Academy, the URCA and associated institutions stand at the Châlons Fair dedicated September 4th to **public awareness activities**. The CMQe participated in this event with its exhibition of **bio-based products, the Memory**, and the **digital version of the Bioeconomy Fresk**.



VILLAGE OF PROFESSIONS 'MY CAREER IN THE BIOECONOMY'

The CMQ was present at the **Village of Professions** booth at the Châlons Fair on September 4th and 5th to meet the general public, but especially the youth of the region. They were invited to the village by the Grand Est Region, **discovered new sectors and had the opportunity to discuss with various stakeholders, including training organizations and professionals**, and participate in some hands-on discovery workshops.

BIOECONOMY FAIR

The **Bioeconomy Village** hosted the first-ever Bioeconomy Fair on September 1st, 7th, and 8th. Co-organized by the Grand Est Region and CMQe, alongside students from the CMI at URCA, the fair **allowed the public to dive into the world of bioeconomy through a range of activities**.

ACTIVITIES INCLUDED : Molkky, cornhole, a quiz and XXL bioeconomy coloring, the "Sort Your Daily Life" game, biomass fishing, and the "Fit into the Biomass" head hole game.



OVER 1000 VISITORS

WERE ABLE TO ENJOY EVENT

BIOECONOMY OLYMPIADS TOUR IN GRAND EST

SEPTEMBER 06TH TO 27TH 2024 - REIMS - COLMAR - VILLERS-LÈS-NANCY

For the second consecutive year, the **Bioeconomy Olympiads** toured the Grand Est region, starting on September 6 at the Châlons Fair, continuing in Alsace at the IUT of Colmar on September 23 and 24, and concluding with two days at the IUT of Nancy Brabois in Lorraine on September 26 and 27. In a **friendly** and **cheerful** atmosphere, students from the Grand Est region gave their best to tackle **challenges related to bioeconomy**, including a communication challenge with industry professionals, culminating in the awarding of prizes to the top three teams of the day.

27 COMPANIES



7 PARTNERS



261 YOUNG PEOPLE INTRODUCED TO BIOECONOMY

First-year STL and BTS BioALC students from **Libergier High School** (Reims), LI CMI Biotechnology and Agroresources from **URCA** (Reims), first- and final-year students from **Saint André High School** (Colmar), BUT Biological Engineering from the **IUT of Colmar**, final-year students from **Blaise Pascal High School** (Colmar), **FST Agronomy and Agro-food** from Colmar, BTSA BioQuAlim from the Sillons **Campus of Haute Alsace** (Wintzenheim), first-year and BTS Biotechnology students from **Arthur Varoquaux High School** (Tomblaine), BUT Biological Engineering from the **IUT of Nancy Brabois**, BTSA BioQuAlim from **EPL 55** (Bar-le-Duc), and final-year STL students from **Louis Lopicque High School** (Epinal).

CHAMPAGNE - ARDENNE



ALSACE



LORRAINE



SUMMER SCHOOL "SPORT & ENVIRONMENT"

SEPTEMBER 16TH TO 17TH 2024 - R E I M S

As part of this Olympic year, the CMQe Bioeco Academy organized its very first **Summer School**. The focus of the event was the theme "**Sport and the Environment**."



The first day was dedicated to around **one hundred third-year undergraduate and master's students in economics or STAPS from URCA**.

Nine speakers from various backgrounds (former elite athletes, researchers, representatives from companies and associations, etc.) took turns sharing their expertise on the ecological impact of sports practices with the students.



The second day was aimed at **a hundred high school students in sports-study programs (first and final-year students) from François Arago High School in Reims**. The morning session was **led by CMQe, along with five other speakers** who had also participated the previous day. In the afternoon, **the first-year students** had the opportunity to take part in **sports olympiads organized by Mobil'Sport Aisne**, featuring four activities in sport and parasports (blind football, disc golf, flag rugby, and balloon tennis).



These two days, rich in knowledge and intensity, allowed over 200 students to **realize that environmental (and societal) issues also extend to the sport world**, and to get a glimpse of the careers they will pursue in **the future**.

DISCOVERY OF BIOECONOMY

SEPTEMBER 25TH 2024 - STRASBOURG

DISCUSSION ON BIOECONOMY ISSUES

The CMQ team had the opportunity to present and engage in discussions with **46 first-year STL Biotechnology students and general first-year students on the challenges of bioeconomy**, by visiting the Lycée Jean Rostand in Strasbourg. The students discovered, through group activities, what bioeconomy is, its definition, its issues, as well as the careers, training, and opportunities available in this dynamic sector at the heart of regional challenges.

ON THE PROGRAM: The Bioeconomy Fresco, the Senses Game, My Green Career, and a mystery game on the careers at Cristal Union.



THE FANTASY OF TREES

SEPTEMBER 30TH 2024 - REIMS - BAZANCOURT - MAILLY-CHAMPAGNE

The **2nd edition of the Art and Bioeco project**, led by CMQ Bioeco Academy and SUAC, kicked off during the Bioeconomy Month under the guidance of artist Isabelle Bazelaire, a choreographer and visual artist. This year, it was the **6th grade students** from the Georges Charpak Middle School in Bazancourt who had the opportunity to take part in this wonderful project, **raising awareness about bioeconomy through the lens of art**, with four working sessions.

During the first session, they were introduced to concepts such as "**bioeconomy**," "**biomass**," "**biobased**," and "**co-products**," particularly through the CMQ's sensory workshop. They also visited the URCA greenhouses, where **the concepts of "biocontrols" and "bio-inputs"** were explained. Finally, artist **Isabelle Bazelaire** introduced them to her artistic universe, her inspirations, and her works. In the afternoon, they explored the discovery trail at Mailly-Champagne, where they collected materials for future workshops, observed the local vegetation, and analyzed their environment.

It was an **exciting and invigorating** day where cross-disciplinary knowledge truly captivated the young artists!

Later, over two working sessions at Bazancourt Middle School, the students were able to create their own works of art. **They reimagined trees using materials gathered** from Mailly, then worked on the concept of bark, using printed paper and their own drawings.

The exhibition opening took place on November 7th at Bazancourt Middle School, starting at 5:30 pm.

It was an opportunity to showcase the works created by the young artists!



PHOTO CONTEST AWARD CEREMONY

SEPTEMBER 16TH 2024 - REIMS

In 2024, an Olympic year, the theme for the 5th edition of the photo contest organized by CMQ was clear :
« **The role of plants in sports** ».

1ST PRIZE

BASKETBALL WITH PLANT FOAM

CAROLINE FLOQUET

UNDER 16 CATEGORY



IN THE HEART OF PYRENEES, SPORTS SYMBIOSIS WITH NATURE

THIBAUT LUZURIER

OVER 16 CATEGORY

CHALLENGE BISC-E WINNERS

SEPTEMBER 30TH 2024 - REIMS

The French **team BIOSURFERS**, composed of students from the **Erasmus Mundus Master Bioceb** program, of which URCA is a part, including Luisa Fernanda Tellez Olarte, Raffi Shakhmuradian, Carla Angeli Mendiola, Sajjad Malekzadeh, Erick Insuasti-Cruz, and Rangsimatiti Binda Saichompoo, won the 2024 **European Bio-based Innovation Student Challenge (BISC-E)**, organized by the **Bio-based Industries Consortium (BIC)**.

This victory is the result of their work on **lichenysin**, a biosurfactant lipopeptide with numerous applications in the industrial and agricultural sectors. By valorizing **vinasse**, a byproduct of bioethanol production, they developed a microbial fermentation process using a modified strain of *Bacillus licheniformis*, optimizing the production of this innovative lipopeptide



THE NEW GENERATION OF TALENTS IS COMMITTED TO A SUSTAINABLE ECONOMY, AND WE ARE PROUD TO SUPPORT SUCH INITIATIVES !

THE FUTURE OF SKILLS AU FORUM OF VOCATIONAL EXCELLENCE

SEPTEMBER 10TH TO 12TH 2024 - LYON

PROMOTING EXCELLENCE, MOBILITY, AND ADAPTATION OF SECTORAL SKILLS.

The CMQe Bioeco Academy, in partnership with **RTN Chemistry & Biotechnology**, had the honor of participating in the **Forum of Vocational Excellence**, held in Lyon from September 10-13, alongside the prestigious **WorldSkills 2024 international competition**. Organized by **DGESCO**, this forum, hosted for the first time in France, **brought together more than 700 experts and professionals in education and training**. Their shared mission : **to promote excellence, mobility, and the adaptation of sectoral skills**.



This event allowed the campus to **engage with Centers of Vocational Excellence (CoVEs) from across Europe, as well as with other French Campuses of Professions and Qualifications (CMQs)**.

It served as a platform for **sharing** and **reflecting** on strategies to strengthen skills in the bioeconomy and biotechnology sectors.

The highlight of our participation : **fun and interactive activities for learners, including a bioplastics workshop**. Participants **discovered the challenges and innovations in bioeconomy**, while exploring the wide industrial applications of bioplastics to build a sustainable future.



A RICH EXPERIENCE FOR ALL,
WITH DYNAMIC EXCHANGES AND
INSPIRING IDEAS FOR THE FUTURE.

IN A FEW WORDS



17.09.24 - REIMS

BIOECONOMY WORKSHOP IN GRAND EST

The **CMQe Bioeco Academy** participated in a discussion organized by **Grand Reims** titled "**Local Observatory of Professions and Higher Education in Grand Est.**"

The objective of these discussions was to **identify high-demand jobs in companies** and **understand their origins**. It was also an opportunity for the CMQ to present the results of the **MéFoBio study**, which addresses the same issue.



19.09.24 - RETHEL

VISIT TO AGRONUTRIS

The **CMQe Bioeco Academy** accompanied the **second-year Master's students in Sustainability Science, Environmental Studies, and Ecological Transition from URCA** on a visit to Agronutris in Rethel.

This **French biotechnology** company specializes in **breeding and transforming black soldier flies into proteins** for animal feed and soil enrichment. It is an **innovative company** in terms of its operations and mission.



SEPTEMBER 2024

OUR CMQ IS EXPANDING!

Since the beginning of September, the **CMQe Bioeco Academy** has been welcoming **Léo DANCHIN**, a second-year student in the National Diploma of Arts and Design, specializing in Digital Message Design, Multimedia - UX Design at **Saint Jean-Baptiste de la Salle**. He has joined the team as a communication apprentice.

Léo, who has already proven his skills with tasks such as **photo shoots and retouching, video capture, logo creation, and poster design**, will be supporting the CMQ for the next two years.



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

**Bioeco Academy
Grand Est**

FOLLOW US :



CONTACT US :

cmq-bioecoacademy@univ-reims.fr