



News from ECQA®



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Autumn is here and the days are getting shorter – so enough time for reading... reading the ECQA newsletter.



European System, Software &
Service Process Improvement
& Innovation

In cooperation with initiatives
in Asia, Africa and USA

32nd EuroSPI² Conference

The **EuroSPI²** will take place on **17-19 September** in Riga. The three days are packed with lots of interesting workshops and presentations.

If you can't be in Riga and join us there, think about joining online. You can book single days or the complete three days, just as you like.

[32nd EuroSPI Conference](#)

Check out the **programme** of the sessions 👉

[Programme EuroSPI](#)

We hope to see you there or online!



GreenScent – Smart Citizen Education for a Green Future

The **Greenscent Project (H2020)** finished beginning of this year. The partners of the consortium generated a lot of interesting products regarding the European Green Deal! Check out the webpage and the different Sections of the Projects webpage. Take a close look at the **demonstrators** and the **essentials for training organizations**, making it easier to produce your individual training material. There is a wide variety of scientific papers produced, as well as videos and presentations on the different topics of the green deal.

Also check out the different skill card for the different age groups, allowing to individualize your journey through the full GreenScent Certification Schema.



[Find out more](#)





Intelligent Sustainable Habitats masters course (INHABITAT)

Convinced by the environmental responsibility of the current generations, the ECQA is heavily engaged in **European Skill Development projects** around “**green**” **competences** and **skills in the context of a fully networked and digitalized society**.

The **Intelligent Sustainable Habitats masters course (INHABITAT)** project is one of those, aiming to develop an advanced interactive certified 2-year MSc course related to IoT applications in our everyday life that will train individuals with the necessary skills & knowledge to work in the rising “Intelligent Sustainable Habitats” industry. The course is also formulated to stimulate transversal competences such as the increased sense of initiative & entrepreneurship.

The course is designed to follow the European Credit Transfer & Accumulation System (ECTS) credit standards for certification recognition across the EU. The developed syllabus is also offered via vocational education and training in the form of micro-credentials to those who wish to gain specific skills for up-skilling and lifelong education. Mandatory internships in partner companies ensure the programme’s practical relevance

The program teaches students to apply IoT-based solutions to address growing challenges linked to the ongoing urbanization trend. Some of them covered in the **curriculum** are:

Sustainable Urban Planning

1. Sustainable Industrial Engineering
2. Sustainable Networks and Supply Chains
3. Waste Water Treatment Systems
4. Recycling & e-Waste
5. Smart Transport
6. Renewable Energy
7. Green Buildings

The **pilot programme starting in October 2025** received 52 student applications from 13 different countries inside and outside of Europe. Online course modules are available to the public from now, while certification will be provided by January 2026.



BTRexpert

Innovative education for sustainable battery lifecycle management.

The ECQA is also engaged in the **upskilling and reskilling of experts in battery recycling technologies and processes**. With batteries becoming ubiquitous in our daily lives as electric energy storage devices, the end-of-life challenges must be analyzed and resolved before markets are flooded with these devices, which continue to rely on raw materials of extreme geopolitical relevance, some of which are rare and/or toxic. Lifecycle-related challenges require solutions that are highly specific to the battery technology.

The **BTRexpert project** aims to contribute to the environmental, social, and economic sustainability of the battery sector by developing an innovative, cross-disciplinary educational program. This initiative addresses the critical need for sustainable battery lifecycle management and recycling by combining expertise in engineering, materials science, and IT solutions. A modular e-learning course with five comprehensive modules is developed to equip students and professionals with essential knowledge and skills. These modules cover fundamental principles, material sourcing, recycling processes, applications of recycled materials, and practical case studies. The project focuses on fostering green and digital competencies, promoting sustainability values, and addressing skill mismatches identified in the battery sector.

BTRexpert also aims to establish the “**Battery Reuse Expert**” professional profile, enabling participants to analyze technical challenges, propose innovative solutions, and maximize the reuse and recycling of battery components. This

effort aligns with the European Green Deal's goals and supports the transition to a circular economy.

Based on an exhaustive needs analysis, the consortium has agreed the battery technologies to focus on in this projects. **Online training modules are becoming available, and pilot training will start in early 2026.**



[Find out more](#)



The **first-ever explorer of battery technologies** and related recycling processes is available at



[BTR-Digitaltool](#)





ECOPRISE

 **ECOPRISE** – Driving Sustainable
Innovation Across Europe

The **ECOPRISE Project** is an ambitious European initiative that brings together partners from research, industry, and policy to foster sustainable solutions for a greener future. At its core, the project is dedicated to developing innovative practices and technologies that reduce environmental impact, strengthen circular economy models, and support businesses in their ecological transformation.

Through cross-border collaboration and knowledge sharing, ECOPRISE aims to accelerate the adoption of eco-friendly approaches across multiple sectors, ensuring that sustainability is not only an environmental priority but also a driver of competitiveness and growth.

Next Milestone: Project Meeting in Novi Sad

The next in-person project meeting will take place in **October in Novi Sad, Serbia**. This gathering will bring together all partners to review progress, exchange insights, and align on the next phases of the project. It will be a key opportunity to strengthen cooperation and reinforce the project's shared vision for a sustainable Europe.

Stay tuned for updates and results from the ECOPRISE consortium as we continue working towards impactful and lasting change.

[Find out more](#)



ECOLUTION – Building the Future of Smart Sustainability Education

The **ECOLUTION Project** is a European collaboration dedicated to shaping the future of sustainable innovation and the blue economy. By bringing together leading universities, industry partners, and policy stakeholders, ECOLUTION develops solutions that reduce emissions, improve efficiency, and foster greener practices across sectors.

A central pillar of the project is the creation of the **Master's Course on Smart Sustainability Solutions (ECOLUTION MSc)**. This advanced interactive

program will focus on **Sustainability IoT Engineering**, equipping students with the skills and knowledge needed to thrive in the rapidly growing “*Smart Sustainability*” industry. Beyond technical expertise, the course will emphasize **transversal competences** such as initiative, innovation, and entrepreneurship — ensuring graduates are well-prepared for both academic and industry careers. The program is fully aligned with the **European Credit Transfer and Accumulation System (ECTS)**, enabling international recognition and mobility.

Next Milestone: Project Meeting in Prague

The ECOLUTION consortium will meet this **September in Prague** to align on progress and advance the development of the Master’s course. This in-person gathering will strengthen collaboration and help ensure the course becomes a benchmark in sustainability education across Europe.

Stay tuned for further updates as ECOLUTION continues to chart new pathways in sustainability, technology, and education.

Find out more



 **VIRTUAL-EDU** — Join Our Training and Certification Journey!

The **VIRTUAL-EDU Project** has developed a comprehensive **Upskilling and Certification Scheme for Virtual Educators** – designed for teachers, trainers, managers, and professionals who want to strengthen their digital competences and advance their careers in online education.

Through the **VirtualEDU e-learning platform**, you can:

- 1 Plan your learning journey** with tailored resources and a digital library.
- 2 Enroll in our e-learning courses** and take part in face-to-face training opportunities.
- 3 Join the VirtualEDU community** and exchange with peers across Europe.
- 4 Complete the certification process and exam**, managed by the European Certification and Qualification Association (ECQA).
- 5 Earn your official ECQA Certificate** to validate your competences as a certified virtual educator.

 **Enroll today and be part of the future of education!**

👉 Visit: www.virtual-edu.eu to start your journey.

Final Milestone

The consortium will also meet for the **final project meeting in Timișoara at the end of September**, marking the conclusion of this successful collaboration and setting the stage for the long-term sustainability of the training scheme.

Find out more

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