

# ChargeUP

SUMMER SCHOOL

## Call for applicants

Apply and join  
the summer  
school in  
Šibenik!

10th of March 2025



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## 1. Call summary

Title of the Call	<b>Call for Applicants for the ChargeUp Summer School in Šibenik (Croatia)</b>
Eligible applicants	<ul style="list-style-type: none"> <li>• Students with an acquired bachelor's degree (completed two years of undergraduate study)</li> <li>• Students with the citizenship in one of the RIS countries: Croatia, Slovenia, Bosnia and Herzegovina, Portugal, Spain, Greece, Cyprus, Malta, Czechia, Bulgaria, Romania, Slovakia, Poland</li> <li>• Students enrolled to study programmes at the universities located in the listed countries.</li> <li>• Minimum B2 English level proficiency (CEFR) or equivalent is needed to be able to participate in the ChargeUp programme.</li> </ul>
Phase 1 – Collection of applications	From – to: <b>10<sup>th</sup> March – 20<sup>th</sup> April 2025 (23:59 CET)</b> <a href="#">Link to apply</a>
Communication of results to Phase 1 participants	24 <sup>th</sup> April 2025
Phase 2 – Collection of applications – for applicants selected in Phase 1	From – to: <b>25<sup>th</sup> April – 15<sup>th</sup> May 2025 (23:59 CET)</b> Link to apply will be delivered to the 50 applicants selected in Phase 1.
Info-webinars dates / links	Webinar 1: 20/3/2025, 15-16h (CET) Webinar 2: 01/4/2025, 15-16h (CET) Webinar 3: 15/4/2025, 15-16h (CET) <a href="#">Register for webinars</a> (registered participants will receive a link to join)
Communication of the final results	25 <sup>th</sup> May 2025
Confirmation of participation by the selected applicants	Until the <b>1<sup>st</sup> of June 2025</b>
ChargeUp Summer School dates	<b>21<sup>st</sup> – 25<sup>th</sup> July 2025</b>

## 2. About ChargeUp

### 1.1 ChargeUp project

ChargeUp Summer School contributes to closing the knowledge gap within the area of e-mobility by raising the abilities of students - as future urban mobility professionals - to implement and leverage new EV-related technologies, additionally strengthening their capacities to act as innovators and entrepreneurs. The Summer School to be held in Šibenik builds on knowledge triangle integration practices by engaging academia, businesses, industry and cities. It is designed as a combination of a challenge-based courses and study trips, linked to the existing bachelor's study programme Energy Efficiency and Renewable Sources in Šibenik, held by the University of Zagreb - Faculty of Electrical Engineering and Computing (FER) and Faculty of Mechanical Engineering and Naval Architecture. The strong point of the ChargeUp Summer School is an active engagement and support of the industry and businesses that will enable first-hand knowledge exchange between the participants and practitioners.

#### **The objectives of the ChargeUp Summer School are:**

- (1) Close the knowledge gap by enhancing the understanding and skills of students in the field of e-mobility.
- (2) Foster interdisciplinary learning by providing a comprehensive learning experience that integrates theoretical knowledge and practical applications through a combination of challenge-based courses and study trips.
- (3) Developing students' abilities to innovate within the mobility sector, focusing on key areas such as fundraising, intellectual property rights, project management, minimum viable product (MVP) development, and unique selling proposition (USP) identification.
- (4) Equip students with the entrepreneurial skills needed to successfully develop and market new technologies and solutions in the mobility industry.
- (5) Provide knowledge and hands-on experience in e-mobility technologies, including EV charging solutions, battery efficiency, Vehicle-2-Grid systems, and connected and automated vehicles.
- (6) Enable direct knowledge exchange between students and industry professionals, particularly through the active engagement of companies working on e-vehicle production and charging.
- (7) Strengthen the collaboration between academia, businesses, industry, and cities to create a holistic educational environment that supports the practical implementation of learned concepts.
- (8) Contribute to the creation of liveable urban spaces by educating future professionals on sustainable and green mobility solutions.
- (9) Prepare students to enter the urban mobility market with the necessary skills and knowledge to drive innovation and capture emerging opportunities.
- (10) Incentivise motivated and skilled students to apply for EIT Urban Mobility Master Programmes by raising awareness about EIT Urban Mobility Master School.

## 1.2 Partners behind the project



**University of Zagreb - Faculty of Electrical Engineering and Computing (FER)**

The University of Zagreb Faculty of Electrical Engineering and Computing (FER) is a leading research and higher education institution in the fields of electrical engineering, computing, and information and communication technology in the region.

FER hosts several research centres and laboratories focusing on cutting-edge research in electrical engineering and computing. These centres collaborate with international institutions and industry partners, such as Ericsson Nikola Tesla, Končar Group, and Rimac. Currently, FER is active in 189 projects, with 117 financed from national funds and 72 international projects funded by HORIZON, ERASMUS+, EDF, and INTERREG 2021-2027, etc.

Studies at FER are designed to deepen students' expertise and prepare them for advanced careers in research, academia, and industry with more than 600 enrolled students in the first year. FER organizes a Job Fair that brings together leading technology experts and curious students with the aim of meeting, connecting, and exchanging experiences.

FER organized the AIoTwin Summer School, which brought together participants from academia to share ideas and learn about the latest advances at the intersection of AI and IoT, and Breaking the Surface - International Interdisciplinary Field Workshop of Maritime Robotics and Applications workshop which encourages interaction and the exchange of knowledge and experience in the field of maritime robotics and its applications, is organized every year. FER is a part of EIT Urban mobility RIS Hub Croatia.

# REGEA

## North-West Croatia Regional Energy Agency (REGEA)

REGEA is founded by four regional governments in 2008, under the framework of the Intelligent Energy Europe programme. Its objectives are to promote, encourage and support the regional sustainable development in the fields of energy, mobility, environmental and climate protection. The Agency has been a coordinator and participant in numerous international and national projects, while its scope of work also includes the preparation of strategic and planning documents for the public authorities. Currently, the agency participates in more than 30 ongoing EU projects, including those of EIT Urban Mobility. Currently, the Agency is coordinating the implementation of REAL RIS, an EIT UM funded project revolving around a summer school "Co-creation for Innovation".

Since 2021 REGEA is acting as a coordinator of EIT Urban Mobility RIS Hub Croatia, through which is implementing education and networking activities, working on urban mobility Living Labs establishment, developing new business models for e-mobility services and creating a network of partners representing all parts of urban mobility ecosystem.

The Agency also coordinated EIT Climate KIC Hub in Croatia, with the objectives to achieve healthy and sustainable life in cities, resilience of regions and net-zero economies. REGEA coordinates the national New European Bauhaus platform in Croatia and is the manager of Bračak Acceleration Centre.

It is a member of FEDARENE, the premier European network of regional and local organisations which implement, co-ordinate and facilitate energy and environment policies. REGEA is an active member of CIVINET Network Slovenia- Croatia- SEE. It will coordinate the implementation of ChargeUp Summer School.

## 3. Call for applicants

**The ChargeUp Summer School will take place in the City of Šibenik (Croatia) from the July 21st to July 25th 2025. We are expecting 36 participants from different countries.**

### 3.1 Who are we looking for?

The call is open to master's (graduate) students and bachelor's (undergraduate) students who have completed at least their second year of study and hold citizenship in one of the following RIS countries:

- Croatia,
- Slovenia,
- Bosnia and Herzegovina,
- Portugal,
- Spain,
- Greece,
- Cyprus,
- Malta,
- Czechia,
- Bulgaria,
- Romania,
- Slovakia,
- Poland.

The targeted students are expected to come from one of the following academic backgrounds:

- engineering,
- information science,
- information technology,
- computer science,
- computer engineering statistics,
- geoinformation technology,
- economics,
- machine engineering,
- software engineering.

However, students from other educational fields are also welcome to apply.

## 2.3 How to apply?

The application and evaluation process will be carried out in two phases.

Phase	Call starting date	Call closing date	Evaluation and selection of applications	Minimum number of selected participants
Phase 1	March 10	April 20	April 20-25	50
Phase 2*	April 25	May 15	May 15-20	36

\* Only applicants selected in Phase 1 and invited to apply to Phase 2

### Phase 1 (Mar 10 – Apr 20)

Only the applications received between March 10<sup>th</sup> and April 20<sup>th</sup> (23.59 CET) will be considered. Applications are submitted using the online application form available [here](#).

Unfortunately, it is not possible to save progress in the online form, so we suggest preparing the answers to the questions in a separate file and copy-pasting them into the form.

The application form consists of the questions listed in the table below. All of them need to be answered to successfully submit an application. The instructions for each question/answer are written in green.

Personal and contact information	
Name and last name	
Date of birth	
Gender	
Country of residence (as stated in your ID)	
Country of study (current)	
E-mail address	
Mobile phone number	
Your studies	
University / Faculty	<i>Provide a full name of the university of your study</i>
Study level	<i>Indicate the level and year of your study (at the moment of applying).</i>
Study programme	<i>State the exact name of the study programme you are enrolled in or have just completed.</i>
English language proficiency (min B2 CEFR or equivalent)	<i>Indicate a confirmed level of your English language proficiency (if certified within CEFR, TOEFL or IELTS) OR describe your experience of learning or working in English (that could demonstrate your language skills).</i>
Grade point average (GPA) – previously finalised academic years	<i>Please insert the number and be prepared to provide evidence if asked.</i>
Interest and motivation	
What is your key field of interest related to the school programme?	<i>You will be asked to select up to two key fields of interest (automated and connected mobility, renewable energy production and integration to mobility systems, zero-emission cars, zero-emission vessels, batteries)</i>



What is your key motivation for applying to the ChargeUp Summer School?	<i>Write up to 200 words describing why you chose to apply to ChargeUp Summer School.</i>
<b>Availability, responsibility and data sharing</b>	
Confirmation of availability	<i>You will be asked to confirm your full availability and attendance during the Summer School, if selected.</i>
Equipment	<i>You will be asked to confirm you can bring your laptop to the Summer School.</i>
Insurance	<i>You will be asked to confirm that you understand that the event's organisers will not be providing participants with a medical or travel insurance, so having them is each participant's individual responsibility</i>
Sharing your data with potential employers	<i>You will be asked for your interest and permission to share your data with our partners- potential employers looking for talents.</i>

## Phase 2 (Apr 25 – May 15)

At least 50 eligible participants selected in Phase 1 will be invited to Phase 2.

In Phase 2 of the application process, you will be required to **write and submit a 1,000 to 1,200-word essay** on one of five topics related to the summer school program.

Your essay should:

- Demonstrate your basic knowledge of the selected topic.
- Describe your personal experiences and interests related to the topic.
- Include a self-assessment of your greatest potential contribution to addressing sustainable mobility challenges after completing your studies, considering your educational background, knowledge, and skills.

This essay will help us assess your understanding of the subject and your motivation for participating in the program.

**Only the selected and invited applicants from Phase 1 will receive further instructions and links needed to submit the essay.**

## 2.5 What are the costs of participation?

From the total of 36 participants selected within the evaluation and selection procedure, 31 that will be positioned first on the ranking list will not have to bear any costs related to the participation in the ChargeUp Summer School. Five applicants positioned last in the ranking list will have to participate with a 200 euro participation fee.

Free accommodation and three meals a day will be provided for all summer school participants (36), as shown in the table below.

Date	Accommodation	Breakfast	Lunch	Dinner
20 <sup>th</sup> July, Sun	✓	x	x	✓
21 <sup>st</sup> July, Mon	✓	✓	✓	✓
22 <sup>nd</sup> July, Tue	✓	✓	✓	✓
23 <sup>rd</sup> July, Wed	✓	✓	✓	✓
24 <sup>th</sup> July, Thu	✓	✓	✓	✓
25 <sup>th</sup> July, Fri	x	✓	✓	x
26 <sup>th</sup> July, Sat	x	x	x	x

Additionally, all selected and confirmed participants (36) will have their **travel costs reimbursed** from the project budget. Reimbursement will be processed after the summer school, provided that participants submit the required documents: an invoice (this is mandatory!), ticket, travel itinerary (for flights), boarding passes, and a participation certificate.

A contract outlining the reimbursement conditions will be signed in advance between the participant and FER. Please note that only public transport (plane, train, bus, ship) is eligible for reimbursement—travel by car will not be covered.

## 4. Evaluation and selection

### 4.1 Criteria and scoring

All eligible applications will be evaluated using the criteria defined for each phase of the process.

#### Phase 1 evaluation

In Phase 1, basic eligibility conditions will be assessed (place of residence, place of study, level of study, English language proficiency). If selected, the applicants will be invited to provide evidence for the information stated in the form.

Additionally, if the applicant meets the eligibility requirements, the following will be scored:

Phase 1 evaluation		
Criterion	Description	Score
Study programme attended by the student	<ul style="list-style-type: none"> <li>• engineering,</li> <li>• information science,</li> <li>• information technology,</li> <li>• computer science,</li> <li>• computer engineering statistics,</li> <li>• geoinformation technology,</li> <li>• economics</li> <li>• machine engineering</li> <li>• software engineering.</li> </ul>	2 points
	The preferred study programmes listed above are defined based on the potential interest and contribution of the respective disciplines to developing innovative solutions in the field of urban mobility. However, applicants from other educational backgrounds (study programmes) can also apply, with a strong justification of interest and potential contribution has to be indicated in the application form.	1 point

A total of 2 points can be achieved in the Phase 1 evaluation process. A ranking list will be created.

**Top 50 applicants will be invited to Phase 2. In case of a tie, an applicant with a higher GPA will be taken into consideration.**

Due to time constraints, no details on the evaluation results other than the total number of points achieved will be communicated to the applicants.

## Phase 2 evaluation

In Phase 2, each application will be assessed by at least two evaluators. A total of 6 points can be achieved.

The object of the evaluation in Phase 2 is the submitted essay. The following aspects addressed by the essay are evaluated:

- Understanding of the selected topic
- Topic-related experience
- Potential professional contribution

The criteria and the scoring system are as follows:

Phase 2		
Criterion	Description	Score
<b>Understanding of the topic</b>	Information provided in the essay does not demonstrate a sufficient level of knowledge and/or the potential to carry out short research in limited timeframe. A contribution to the topic is questionable.	0 points
	Information provided in the essay does not demonstrate a high level of knowledge and/or the potential to carry out short research in limited timeframe. A contribution to the topic is moderate.	1 point
	Information provided in the essay demonstrates a high level of knowledge and/or the potential to carry out short research in limited timeframe, that can clearly contribute to the topic of the ChargeUp Summer School.	2 points
<b>Experience</b>	Information provided in the essay does not demonstrate sufficient level of experience, motivation and interest for the topic and participation in the ChargeUp Summer School.	0 points
	Information provided in the essay demonstrate a moderate level of experience, motivation and interest for the urban mobility topic and participation in the ChargeUp Summer School	1 point
	Information provided in the essay demonstrates a high level of experience, motivation and interest for the urban mobility topic and participation in the ChargeUp Summer School and provides clear evidence that such interest and motivation exist.	2 points
<b>Potential contribution</b>	Information provided in the essay demonstrates low potential of the student to contribute to the mobility sector in the future.	0 points
	Information provided in the essay demonstrates a moderate potential of the student to contribute to the mobility sector in the future.	1 point
	Information provided in the essay demonstrates a high potential of the student to contribute to the mobility sector in the future.	2 points

## 4.2 Selection of participants

Based on the total points achieved, a ranking list of assessed applications will be created. The top 36 students will be invited to participate in the ChargeUp Summer School (31 free of charge, 5 with a participation fee of 200 euro).

In the event of a tie, the final selection will be made to ensure the following key objectives:

- gender balance,
- highest possible level of interdisciplinarity within student teams,
- highly motivated and dedicated group of students.

Due to time constraints, no details on the evaluation results other than the total number of points achieved will be communicated to the applicants.

## 5. Programme, location and venue

### 5.1 Key features of the Summer School programme

The ChargeUp Summer School will include various activities and events distributed throughout 5 days. Although the programme begins in the morning of 21<sup>st</sup> July, the participants are expected to arrive to the premises the day before (20<sup>th</sup> July). The programme ends on the 25<sup>th</sup> of July at 15:00 (CET). The selected participants are obliged to participate in all activities that will be envisaged by the programme.

#### **Developing Innovative Solutions**

A key priority of the ChargeUp Summer School is to enhance students' innovation skills. Participants will tackle five real-life challenges, developed in collaboration with local industry and municipalities, focusing on EVs, charging solutions, battery efficiency, Vehicle-to-Grid integration, and connected and automated vehicles.

Working in teams of four, students will design innovative products and services to address one of these challenges, with guidance from expert mentors across the Knowledge Triangle. At the end of the program, teams will pitch their solutions to a jury.

Selected students will be informed of the challenges and given the opportunity to choose their primary and secondary areas of interest.

#### **ChargeUP Courses**

ChargeUp courses cover two groups of learning outcomes: the first is related to improving the innovation and entrepreneurship potential of the participants. A mix of interactive teaching methods will be used to develop respective soft skills of the students, while teaching them about the key concepts needed to develop and market innovation (fundraising, IPR, project management, MVP, USP, etc.).

The second group is related to engineering skills and knowledges related to e-mobility-related technologies. The courses will be aligned with the defined challenges, to maximise their positive impact on the quality of the innovative solutions developed by the teams.

**Study Trip**

The study trip will be carried out as a half-day event during the ChargeUp summer school implementation. It will be designed to provide valuable information, knowledge and insights to the student teams, thus helping them improve their innovation, entrepreneurship and engineering skills. The trip will be carried out in collaboration with the industry and businesses. The costs of the study trip are borne by the organisers (no additional costs for the students).

**ChargeUp Ambassador Contest**

The ChargeUp Ambassador Contest recognizes the most active promoter of the ChargeUp summer school on social networks. Open to all 36 ChargeUp participants, the contest rewards engagement, creativity, and outreach in spreading the word about the program. The winner is determined by the highest number of reactions received on their posts (posted during the summer school), making audience interaction a key factor. Take on this fun and competitive challenge for a chance to win a reward!

**Pitching Event**

The event will be held on the last day of the summer school and will gather representatives from the cities, industry, businesses and academia. A 5-member jury will be formed. The teams will pitch their solutions and answer the questions directed by the jury. Based on the pitches and offered answers, the best team will be selected and awarded.

**Feedback & after-event obligations**

After the ChargeUp Summer School, the Consortium will collect students' feedback. All participants are obliged to answer the satisfaction rate questionnaire. Each team will have two weeks after the event to deliver a two-pager describing their solution. This will be a precondition for travel cost reimbursement.

## 5.2 City of Šibenik

Imagine spending your summer in a city where medieval fortresses overlook a sparkling coastline, where innovation and tradition blend seamlessly, and where you can expand your knowledge while enjoying breathtaking nature. Welcome to Šibenik, the host city of the ChargeUp Summer School, where learning meets adventure in the heart of the Adriatic.

Šibenik is no ordinary coastal town. As one of Croatia's fastest-growing hubs for sustainable development and e-mobility, it is the perfect setting for students eager to explore cutting-edge solutions for a greener future. The city's commitment to sustainability is evident in its urban projects, renewable energy initiatives, and forward-thinking approach to mobility—making it an ideal backdrop for the ChargeUp Summer School experience.

But Šibenik isn't just about innovation—it's also about inspiration. Walking through its UNESCO-listed old town, you'll find yourself surrounded by centuries of history, from the magnificent St. James Cathedral to the city's four ancient fortresses, each offering spectacular views of the Adriatic. When you're not working with your team on exciting projects, you can take a dip in the crystal-clear sea or visit the stunning Krka National Park, home to some of Croatia's most famous waterfalls.





Beyond its history and nature, Šibenik is a city that embraces young talent. Whether you're networking with like-minded peers, engaging with mentors, or enjoying the vibrant cultural and nightlife scene, your time in Šibenik will be as enriching socially as it is academically.

By joining the ChargeUp Summer School in Šibenik this July, you're not just gaining new skills—you're stepping into a city that embodies the very principles of sustainability, innovation, and opportunity.

To learn more about what Šibenik has to offer, potential applicants can explore the following resources:

- [Šibenik Tourist Board](#): Provides comprehensive information on attractions & events in Šibenik
- [Šibenik-Knin County Tourist Board](#): Offers insights into the broader region, including natural and cultural heritage sites
- [Fortress of Culture Šibenik](#). Promoting the various activities and programs held at the Šibenik fortresses.

### 5.3 Student dorm Palacin



All participants will be accommodated in the hostel "Studentski dom Palacin". It offers all the benefits of hotel accommodation with a total of 174 rooms, of which 26 are single, 138 are double and 10 are triple rooms, most of which have a view of the sea. All rooms are equipped with new comfortable beds, bed linen, towels, are air-conditioned, have a mini kitchen, and most of them also have their own bathroom.

Parking within the facility is free, as is internet throughout the hostel. A laundry room is available for an additional charge.

The building is in the south-east part of the town, only a 30-minute walk to the Šibenik old centre. Public transport is also available.

All selected participants will receive further details.



## 6. Key reasons to apply

Boosting your innovation and entrepreneurial potential

Gaining knowledge in fields of zero-emission, automated and connected mobility, and RES

Connecting and networking with peers

Possibility to be spotted by the head hunters

Winning the pitching contest

Gaining competitive advantage on the labour market

Sharpening your personal and communication skills

Enjoying a sunny week in beautiful Šibenik

Apply to join the summer school!

## 7. Additional information

### 7.1 Webinars

During the open call, three webinars for potential applicants will be organised to explain the goal of the summer school and to present the EIT Urban Mobility Academy and its programmes, including the Master School and Competence Hub. The dates of the webinars are presented below. **You can register for any of the three webinars by using the [registration link](#). The link to join the webinars and the recording will be shared only with the registered participants.**

- Webinar 1: 20/3/2025, 15h (CET)
- Webinar 2: 01/4/2025, 15h (CET)
- Webinar 3: 15/4/2025, 15h (CET)

### 7.2 Contact persons

In case of questions, you can turn to ChargeUp key persons:

