

Promoting Green Competences for Integrated Sustainable Development in Architectural Education

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About Our Project

This project addresses key gaps in architectural education and practice in SEMED countries, focusing on bridging academia and real-world applications, as well as social and technical knowledge. It aims to develop essential green competences, including knowledge, behaviors, attitudes, and skills, to equip students and teachers to tackle the pressing challenges of sustainable urban development in their societies and beyond.

Project Outcomes

Modernized Curricula

Updating and enhancing academic programs to integrate green competences, ensuring that future architects are equipped with the knowledge and skills necessary to tackle the challenges of sustainable urban development.

Hybrid Urban Labs

Establishing innovative labs that blend physical and virtual environments, enabling cross-disciplinary collaboration and real-world application of sustainable practices in urban planning and architecture.

Capacity Building Intervention

Empowering educators and professionals through targeted training and resources, fostering the growth of expertise in sustainable architecture across the South-Mediterranean region.

International Conference

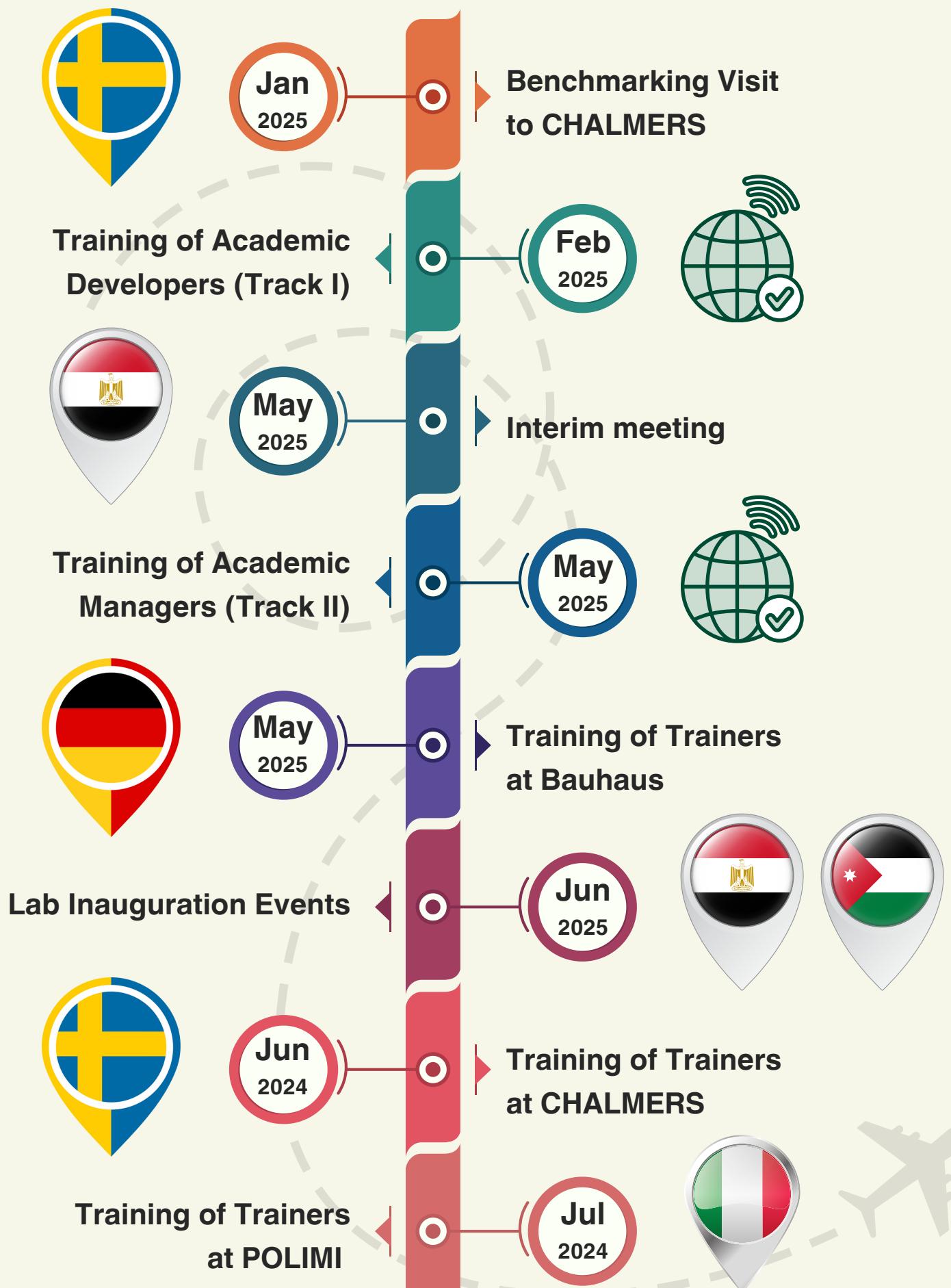
Bringing together global experts, educators, and practitioners to share insights, strategies, and innovations in sustainable architectural education, promoting international knowledge exchange.



Quick facts:

- 50% of project completed
- 15 training sessions conducted
- 167 training hours delivered
- 7 international mobility exchange
- 130 staff trained
- 11 newly developed modules
- 1 newly developed Master Programme

Project Timeline



Last 9 months at a Glance



Training of Academic Developers (Track I)



Training of Academic Managers (Track II)



Training of Teachers (ToT) (Track III)



Benchmarking Visit to Chalmers



Interim meeting



Labs inauguration event



Benchmarking Visit to Chalmers University of Technology

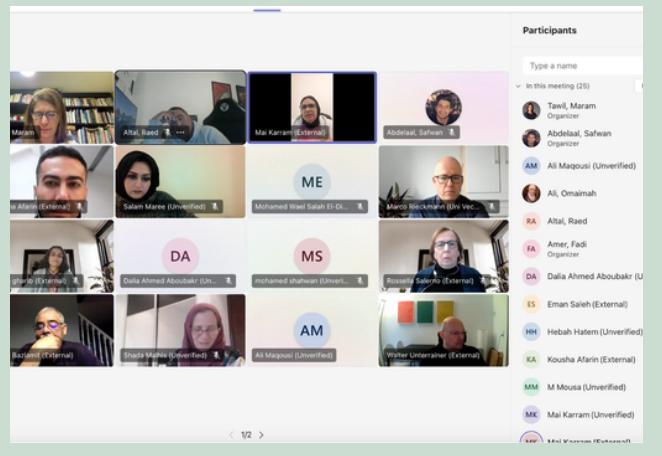
From January 14th to 17th, the Pro-GREEN-LABs project team carried out a benchmarking visit to **Chalmers University of Technology**, gaining valuable insights into its state-of-the-art facilities. The visit included tours of the **Wood Modelling Workshop**, **Building Physics Lab**, **HSB Living Lab**, **Spatial Morphology Group (SMoG)**, **Acoustic Lab**, and **Robotics Lab**.

In addition to facility visits, the team engaged in fruitful discussions on cutting-edge research topics, including **Digital Twin Cities** and the **InfraVis Project**. One of the key highlights was witnessing how Chalmers successfully integrates research and teaching into a dynamic learning environment, offering inspiration for the future development of Pro-GREEN-LABs.



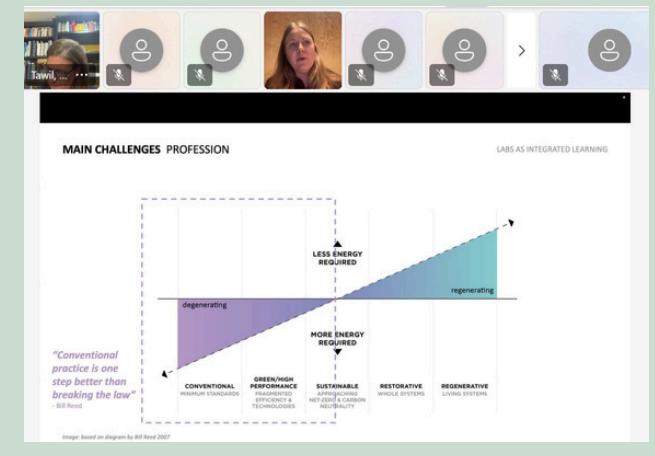
Training of Academic Developers (Track I)

The **first track** of training has been successfully delivered, targeting SEMED HEIs staff members responsible for curriculum development. This milestone focused on equipping Academic Developers with the knowledge and skills needed to design high-quality, effective, and engaging curricula. Special emphasis was placed on integrating the **Sustainable Development Goals (SDGs)** and **Competence for Democratic Culture (CDC)** into curriculum design.



Training of Academic Managers (Track II)

The **second track** of training has been successfully implemented, targeting SEMED HEIs staff members responsible for the **management and administration of lab units**. This milestone provided Academic Managers with valuable professional development and capacity-building opportunities, equipping them with the necessary competences to operate the labs in a sustainable and efficient manner. The training was delivered through a series of **5-6 online half-day workshops**, addressing key aspects of academic management.



Training of Teachers (ToT) (Track III)

TOT, WEIMAR BAUHAUS-UNIVERSITAET

From 21 to 25 May 2025, the Pro-GREEN-LABs project conducted a **Training of Trainers** at Bauhaus-Universität Weimar in Germany. The program focused on key themes of urban sustainability, including sustainable urban planning and design, principles of sustainable cities and social design, and mapping for urban planning and design. The training provided a valuable platform for knowledge exchange, equipping participants with innovative tools, strategies, and methodologies to contribute to shaping more **resilient and sustainable cities** for the future.



TOT, GOTHEMBURG Chalmers University of Technology

From 16 to 20 June 2025, the Pro-GREEN-LABs project successfully conducted a **Training of Trainers (ToT)** in Gothenburg, Sweden. The intensive program provided participants with valuable insights into **climate change and the city, resilience and regenerative design, participatory urban strategies, and heritage and landscape management**. This milestone marked a significant step in enhancing academic capacity and strengthening expertise for sustainable urban transformation across the SEMED region.



Training of Teachers (ToT) (Track III)



TOT, MILAN POLITECNICO DI MILANO

The final Training of Trainers of the Pro-GREEN-LABs project was successfully completed at **Politecnico di Milano** from **30 June to 4 July 2025**, marking the closing chapter of an extensive and impactful series of **capacity-building activities** delivered across EU partner universities. This concluding session brought together rich expertise and exchange, addressing a comprehensive scope of themes through interactive modules.



The workshop focused on strengthening pedagogical and professional capacities among SEMED academic staff, emphasizing **active and experiential teaching strategies, sustainability-driven curricula, and Competences for Democratic Culture (CDC)**. Participants explored **innovative teaching approaches, integration of nature-based and participatory planning, and the use of geospatial and analytical tools** in teaching and research.



The training also enhanced participants' **academic writing competencies, interdisciplinary collaboration in multicultural contexts, and reflection and evaluation on teaching practices**. Moreover, it fostered new opportunities for **cross-institutional partnerships**, reaffirming the project's long-term impact on advancing **sustainable architectural and urban education** across the region.





Interim Meeting

Pro-GREEN-LABs | Interim Meeting
Alexandria, Egypt | 3-4 May 2025

Hosted at the Architecture Department, AASTMT Arab Academy for Science, Technology and Maritime Transport – Alexandria, the Pro-GREEN-LABs consortium came together for the Managerial Interim Meeting to assess and align project efforts.



Meeting Highlights:

- Reviewed the overall progress of the project
- Prepared for the upcoming EU Progress Report
- Discussed key action items and activities
- Planned development of modules and Life Long Learning (LLL)

The meeting served as a pivotal step in ensuring all partners are aligned, committed, and ready for the exciting stages ahead in developing green architectural education in the MENA region.

SEMED Labs Inauguration

On June 25th, 2025, the SEMED Labs Inauguration marked a major milestone in the Pro-GREEN-LABs project! The event was held in an **online format**, bringing together **academic teams, partners, and stakeholders** from multiple universities and cities both onsite and online.

Participants celebrated the **launch of the newly equipped lab units** dedicated to urban environmental innovation, digital tools, and sustainable design. Each lab presented its unique **thematic focus**, showcasing the progress made under Pro-GREEN-LABs and their readiness for **collaborative research, teaching, and community engagement**.

Click and check our lab pages:



[Click here for Event recording](#)



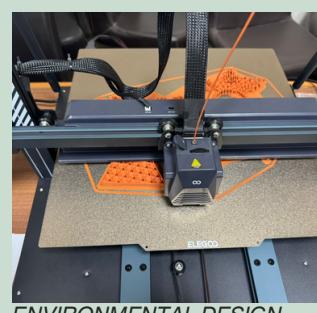
URBAN GREEN LAB at Petra University



CITY TRANSFORMATION LAB at Alex University



URBAN FORM LAB at Cairo University



ENVIRONMENTAL DESIGN LAB at AASTMT



SUSTAINABLE URBANISM LAB at GJU

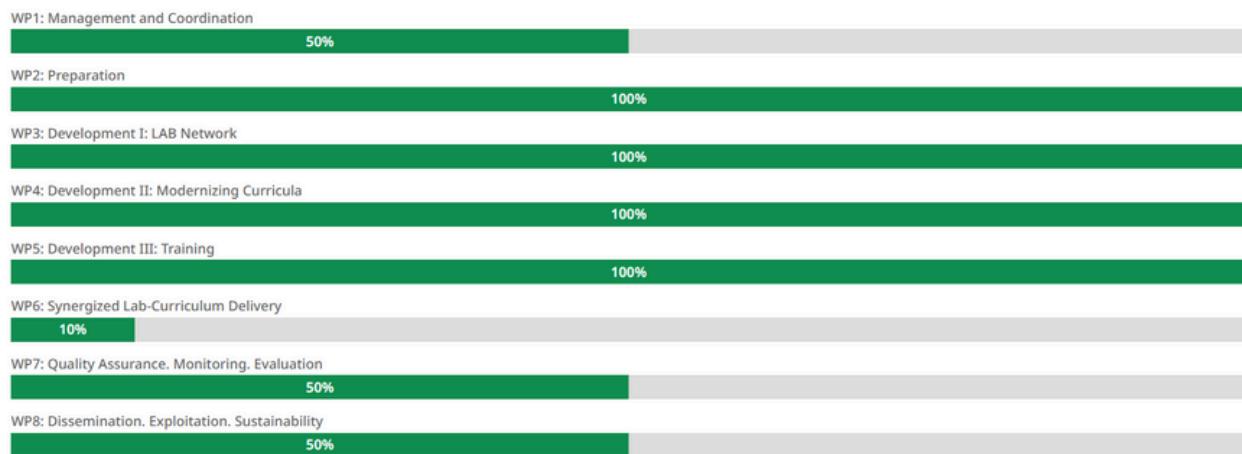
Testimonials from trainings

“Interactive and experiential elements were particularly impactful for participants and enhanced engagement.

“The most striking aspect of Chalmers University is the seamless integration of research and teaching. Students are exposed to cutting-edge methods, software tools.

“The site visit was really interesting and beneficial; I would have loved to have more.

Progress



ACHIEVED activities



Lab activities

- Benchmarking Visits to Chalmers University
- Procurement of Equipment and Software
- The Organizational Establishing of Labs
- Inauguration of interconnected labs

Teaching activities

- Developing Modules at SEMED universities
- Modules Accreditation at Petra University

Training activities

- Training of Academic Developers (Track I)
- Training of Academic Managers (Track II)
- Training of Teachers (ToT) (Track III)
- Consortium interim Meeting in Alexandria

UPCOMING events



- Developing Syllabuses and Teaching Materials
- Launch and Delivery of the Master Programme at University of Petra
- Modular implementation of the new courses at SEMED universities
- Launch and delivery of Life Long Learning (LLL)
- Organization and delivery of Hybrid Set-ups
- Multiplication workshops of the training activities
- A series of Local Networking Events with stakeholders



Autumn Activities

Launching of
Master Programme
at Petra University

Life Long Learning (LLL)
Programme delivery

New Courses
Green Competency
Programme delivery

Mark your calendar
December 2025

Local Networking Events

Stay tuned
Multiplication workshops

Check our channels :



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