

Apr 2024 – Mar 2027

Pro-GREEN LABs

Promoting **Green Competences**
for **Integrated Sustainable Development**
in **Architectural Education**
through **Experiential, Lab-based, Active Learning**

EU Funding Programme

E⁺ > KA-2: Cooperation among organisations & institutions >
Capacity Building in Higher Education

Objectives

Support **Partner** Countries to:

- **Modernise, internationalise** and **increase access** to Higher Education
- Address the **challenges** facing their HEIs
- Increase **cooperation** with the EU
- Voluntarily **converge** with EU development in Higher Education
- Promote people-to-people **contacts**, intercultural **awareness**, and **understanding**.



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E⁺ > KA-2: Cooperation among organisations & institutions >
Capacity Building in Higher Education > Curriculum Development + Green Deal

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Focus

- **Modernization, Innovation & Impact** (institutional & societal)
- Addressing **existing gaps** in partner countries by innovative partnership-based capacity building initiatives with HEIs & non-university stakeholders
 - Identified needs/gaps ↔ Expertise/Good practices

Project Selection

- S2: **Partnerships for Transformation** in HE
 - Transformative action, Curriculum Development
- Overarching priority: **GREEN DEAL**
- Multi-country (Regional) projects (**Region 3**)

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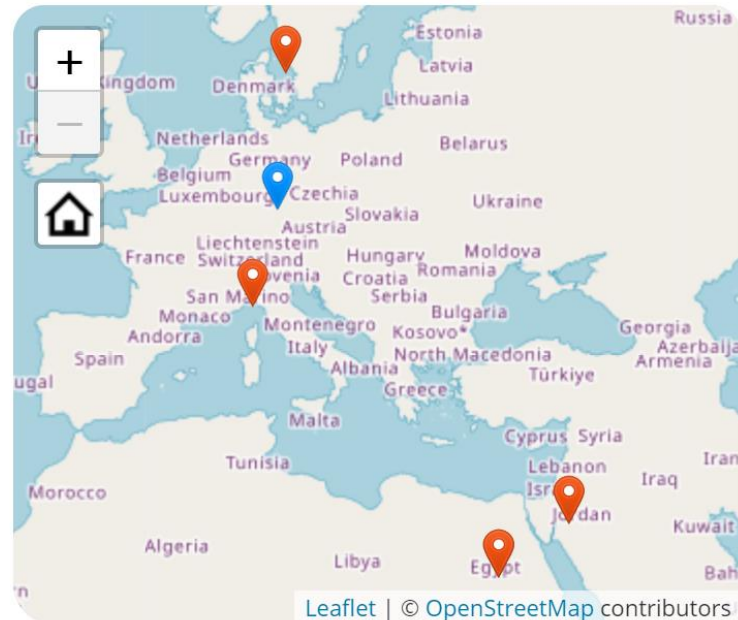
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Participants map

ERASMUS-EDU-2023-CBHE-STRAND-2



5 countries, **8** HEIs, **4** APs



Start date **01-04-2024**

End date **31-03-2027**



EU Grant

799.607,00 €



Key Action

Partnerships for cooperation and exchanges of practices



Action Type

Capacity Building in higher education

Participants countries

Egypt, Germany, Italy, Jordan, Sweden

Partners

1. Bauhaus-University Weimar
2. Politecnico di Milano
3. Chalmers Technical University
4. Alexandria University
5. Cairo University
6. AASTMT
7. University of Petra
8. German Jordanian University

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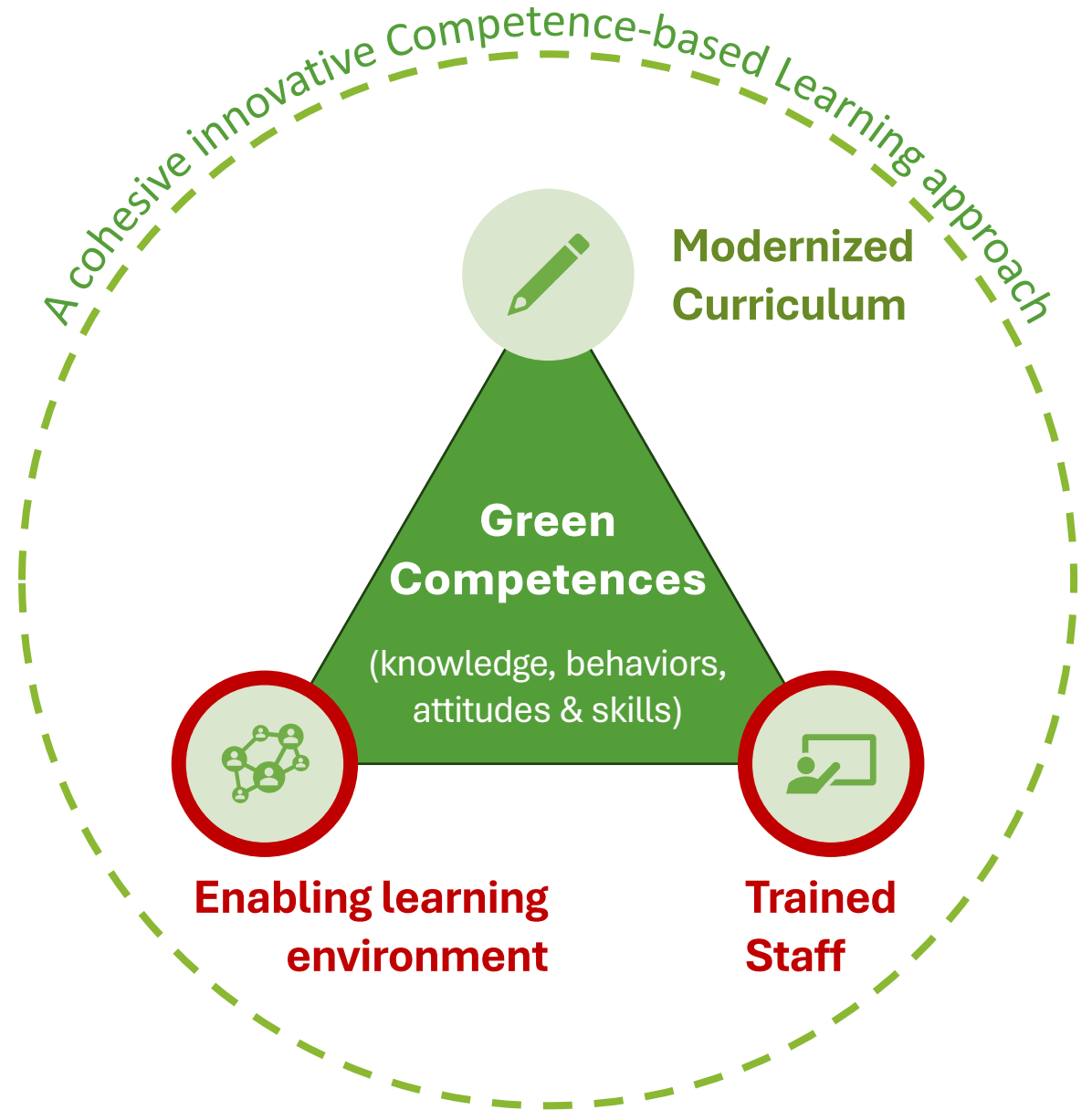
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- **Addresses existing gaps** in SE-Med countries regarding architectural education and profession [academia vs. practice | social vs. technical knowledge | professionals vs. local stakeholders.]
- **Aims** at building and promoting **key green competences** (knowledge, behaviours, attitudes and skills) required to qualify students and teachers to address the **urgent challenges of sustainable urban development** in their societies and beyond.
 - *Specifically, it seeks to support partner SE-Med HEIs in establishing and maintaining capacity to provide **high quality, competence-based**, and **socially relevant** architectural education (learning opportunities) that employ experiential lab-based learning to equip future professionals with these competences—while meeting their societal and market needs.*
- A **special focus** on fostering **integrative approaches** that bridge social & ecological aspects.
- A **Joint approach** that links different disciplines, pedagogies, actors, and contexts.

Three inter-related spheres of CB intervention

Parallel, **complementary** interventions that:

- address identified gaps at the partner SEMed HEIs.
- are shaped by a **competence-based** approach that employs a synthesized, cohesive set of **experiential, lab-based, active learning** pedagogies/methods.



OBJECTIVES



Modernizing Curricula

Support developing innovative, competence-based courses targeting needed professional profiles to address challenges of urban sustainability in EG, JO, and beyond.

*New/modernized modules--> UOP MSc:
[8 thematic + 3 LLL + 1 Placement]



Establishing New Infrastructure

Set-up **five** new 'hybrid' lab units at the participating SEMED HEIs as enabling complementary modern learning environments and interdisciplinary hubs of innovation in teaching, training.

* Networked



Training Staff

Develop the capacities of the participating SEMED HEIs in developing and delivering high quality outputs (labs + modules).



Promoting Innovation in HE

Introduce innovative approaches, methods, concepts, practices and tools.

*Synthesize a cohesive mixture that combines complementary parts.



Synergized Lab-Curriculum Delivery

Support the synergized delivery of the newly modernized courses and the operating lab units at the participating SEMED HEIs.



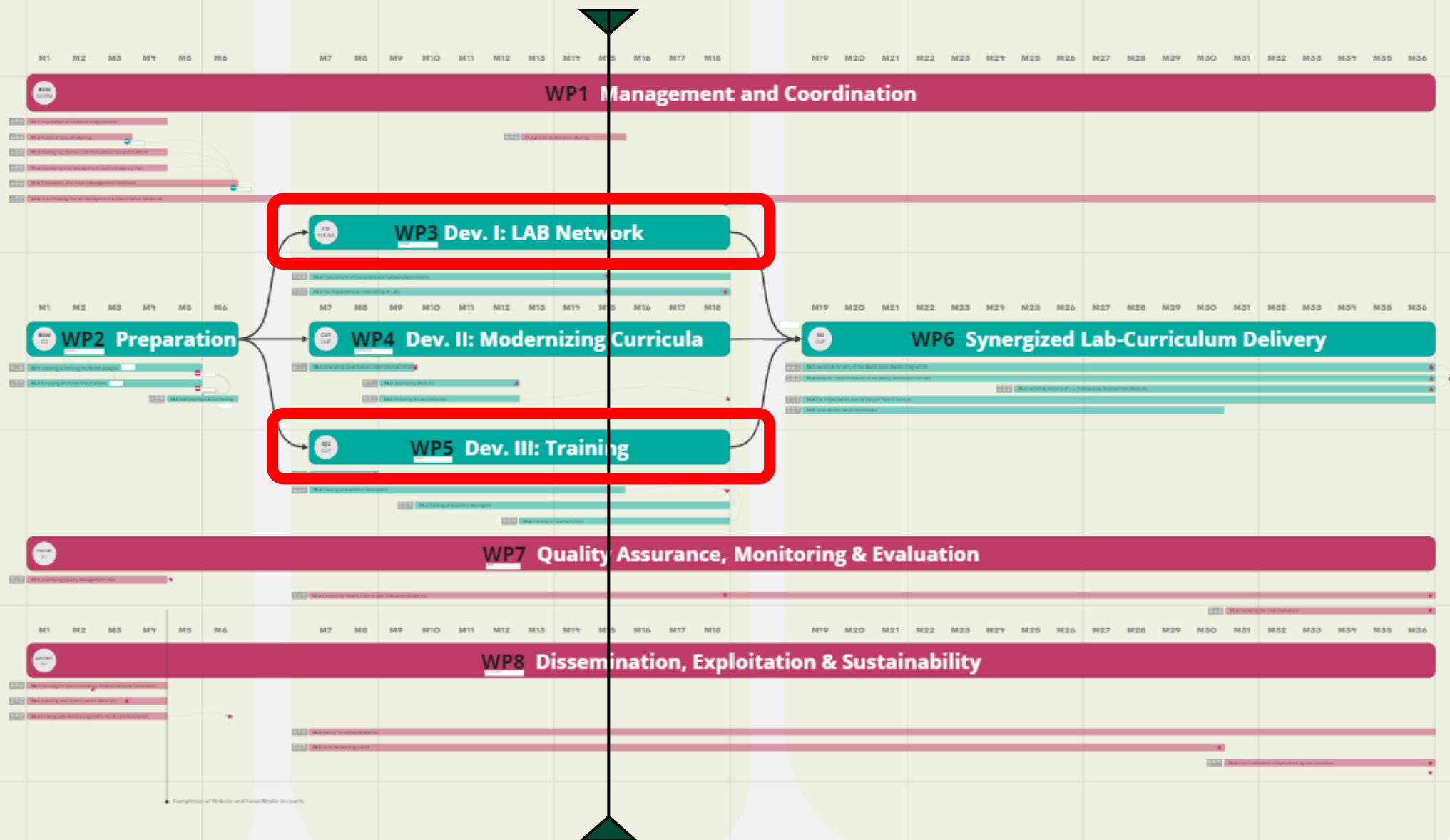
Advancing Inclusivity

Increase the accessibility of students and staff with fewer opportunities by establishing international relations and supporting students and staff mobility.

PHASE 1 Preparation 6M

PHASE 2 Development 12M

PHASE 3 Implementation 18M



Development activities



WP3: Lab development

- Build the **hard (institutional) capacities** needed for establishing the labs :
 - Acquired equipment & software applications.
 - Organizational structure, system and procedures that would make the labs operate as special units within their environment.

WP5: Training (Track II)

- Enhance the **soft (individual) capacities** needed for efficient & sustainable operation of the labs.
 - Design and implement training intervention to equip academic lab managers with the relevant necessary competences.

Which What Lab?

Didactic Workshop 1

Phase 1 | PREPARATION
June 6, 2024

AIM

to create a more focused alignment between all partners on the nature of the lab(s)/lab network to be established by the project

Agenda

10:00-10:15	Registration and Welcome	Opening Remarks, Welcome to the Workshop
10:15-10:45	Round 1: Presentation of the project and the workshop	Introduction to the project and the workshop
10:45-11:15	Round 2: Presentation of the project and the workshop	Introduction to the project and the workshop
11:15-11:45	Round 3: Presentation of the project and the workshop	Introduction to the project and the workshop
11:45-12:15	Round 4: Presentation of the project and the workshop	Introduction to the project and the workshop
12:15-12:45	Round 5: Presentation of the project and the workshop	Introduction to the project and the workshop
12:45-13:15	Round 6: Presentation of the project and the workshop	Introduction to the project and the workshop
13:15-13:45	Round 7: Presentation of the project and the workshop	Introduction to the project and the workshop
13:45-14:15	Round 8: Presentation of the project and the workshop	Introduction to the project and the workshop
14:15-14:45	Round 9: Presentation of the project and the workshop	Introduction to the project and the workshop
14:45-15:15	Round 10: Presentation of the project and the workshop	Introduction to the project and the workshop
15:15-15:45	Round 11: Presentation of the project and the workshop	Introduction to the project and the workshop
15:45-16:15	Round 12: Presentation of the project and the workshop	Introduction to the project and the workshop
16:15-16:45	Round 13: Presentation of the project and the workshop	Introduction to the project and the workshop
16:45-17:15	Round 14: Presentation of the project and the workshop	Introduction to the project and the workshop
17:15-17:45	Round 15: Presentation of the project and the workshop	Introduction to the project and the workshop
17:45-18:15	Round 16: Presentation of the project and the workshop	Introduction to the project and the workshop
18:15-18:45	Round 17: Presentation of the project and the workshop	Introduction to the project and the workshop
18:45-19:15	Round 18: Presentation of the project and the workshop	Introduction to the project and the workshop
19:15-19:45	Round 19: Presentation of the project and the workshop	Introduction to the project and the workshop
19:45-20:15	Round 20: Presentation of the project and the workshop	Introduction to the project and the workshop

1 Briefing

2 Discussion

3 Alignment

"Technology is the answer...but what was the question?" - Cedric Price, 1966

Outcome

- **3** general functions:
 - Enabling learning environment
 - Networking hub
 - Further development centre
- **10** common features:
 - 6 Organizational (fixed & adaptable)
 - 4 Thematic (fixed & adaptable)
- Individual Labs vs. Labs network

What is a Pro-GREEN LAB?



A special unit that goes beyond the notion of '*lab as a facility*' towards '*lab as an academic innovation hub*'

- An autonomous **multi-functional/hybrid** entity with a specific purpose, role and management structure.
- **internally integrated** within its host university and **externally networked** with local, regional and global actors.
- Seeks to enhance HE **market and societal relevance** by:
 - promoting key green competences to address urgent challenges of urban sustainability
 - mainstreaming experiential, lab-based, and active learning

Sustainability

(Pro-GREEN LABs Network)



- PGL labs are set-up in a way that would enable them to work together in a complementary, synergized manner to create a (cross-) **regional non-hierarchic network** of “joint urban labs”, leveraging the integrative thematic strength of each partner.
- A **platform** for:
 - integration of green competences into A+U teaching and training in the region.
 - continued collaboration, knowledge-sharing, and capacity-building among the partners and beyond.
 - Developing innovative solutions to complex challenges

| Project Partners |

Bauhaus-
Universität
Weimar



POLITECNICO
MILANO 1863



CHALMERS
UNIVERSITY OF TECHNOLOGY



جامعة الإسكندرية
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