



Co-funded by
the European Union



Girls Leading Climate Innovation through STEM

An Erasmus+ Blueprint for Inclusive Environmental Action
and Digital Competence.

The Conceptual DNA of the Project

The Organic Left Side

Symbolizes environmental sustainability and eco-awareness.

Blooming flowers offer a non-literal representation of girls flourishing in **STEM** and bringing fresh perspectives.



The Technological Core

Represents Science, Technology, Engineering, and Math.

Emphasizes **data-driven** and digital skills required to solve modern challenges.

Global Network Nodes

Represents international teamwork and the Erasmus+ spirit.

Illustrates that climate change requires shared, networked solutions.

The Illuminated Canvas

A universal symbol of innovation, highlighting the students' role as the 'spark' for future climate solutions.

Project Parameters & Scope

€60K

Total Erasmus+ Grant Investment.

18

Months Duration.
(Sept 15, 2026 – March 14, 2028).

KA210-SCH

Small-scale Partnerships in
School Education.



Four-Nation Collaborative
Partnership.

The Current Gap in STEM Education



Student Needs

Moving from passive support to active technical and leadership roles in STEM.

Shifting from theoretical environmental education to hands-on, problem-based learning.

Working with real school-based data to solve immediate sustainability challenges.



Educator & System Needs

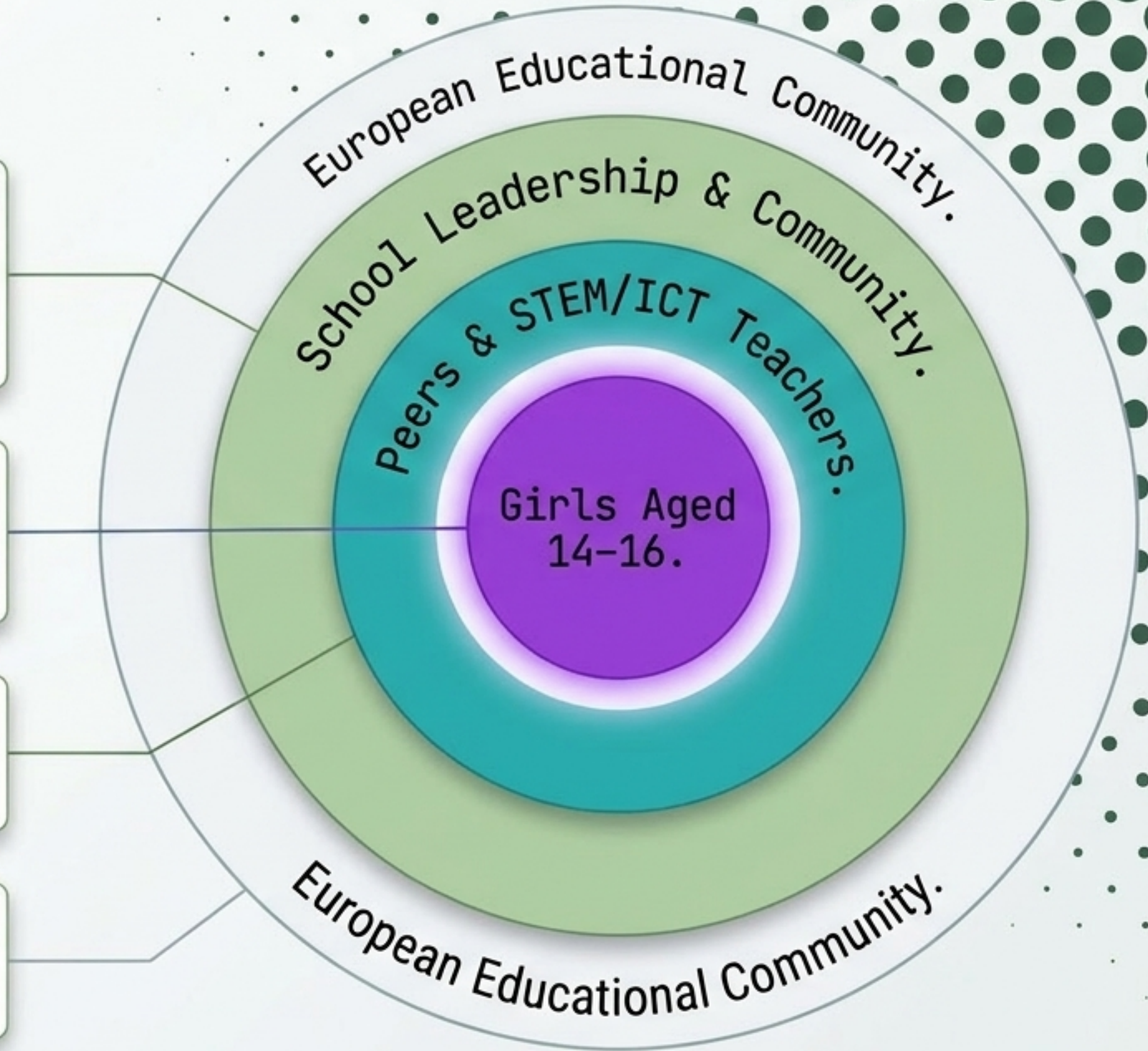
Practical methods for inclusive, gender-sensitive STEM facilitation (e.g., structured role rotation).

Sustainable extracurricular structures (clubs) that survive beyond temporary project funding.

Ready-to-use digital resources and templates that integrate easily into regular lessons.

Expanding Impact: From Student to Ecosystem

- Crucial age for career pathway choices. Focus on bridging the confidence gap for girls who excel academically but hesitate to take visible technical roles.
- Other students participate in activities; teachers strengthen inclusive, interdisciplinary, digitally supported facilitation.
- Providing structural support for Green STEM Clubs and student-led initiatives.
- Beneficiaries of the open-access Digital Toolkit and shared methodologies.



The Three Pillars of Intervention

Pillar 1: Student Empowerment



Focus: Building confidence and leadership.

Action: Move girls beyond supportive roles into active positions (Data Leads, Presenters).

KPI: Engage at least 60 girls; achieve a minimum 30% improvement in STEM self-confidence.

Pillar 2: Educational Innovation



Focus: Digital skills and real-world connection.

Action: Integrate accessible digital tools (data collection, coding, visualization) to solve local sustainability challenges.

Support: Strengthen teacher capacity for inclusive education.

Pillar 3: Sustainable Legacy

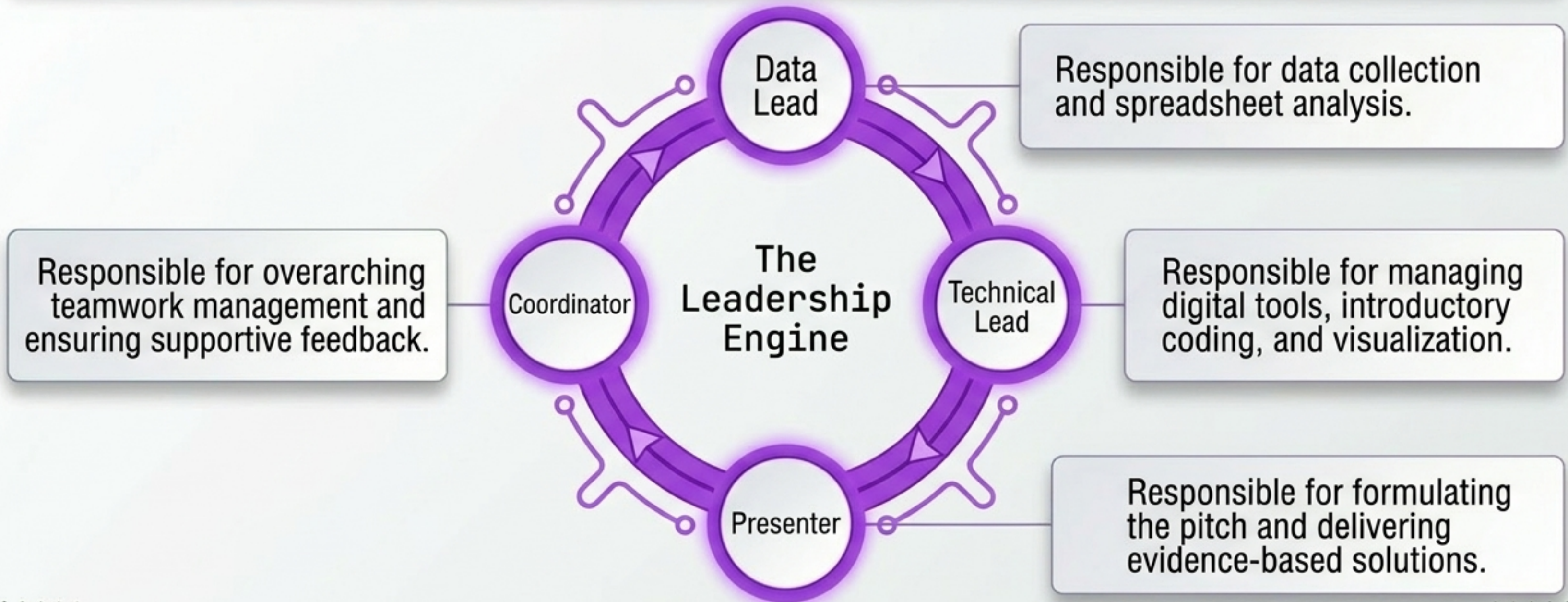


Focus: Long-term transferability.

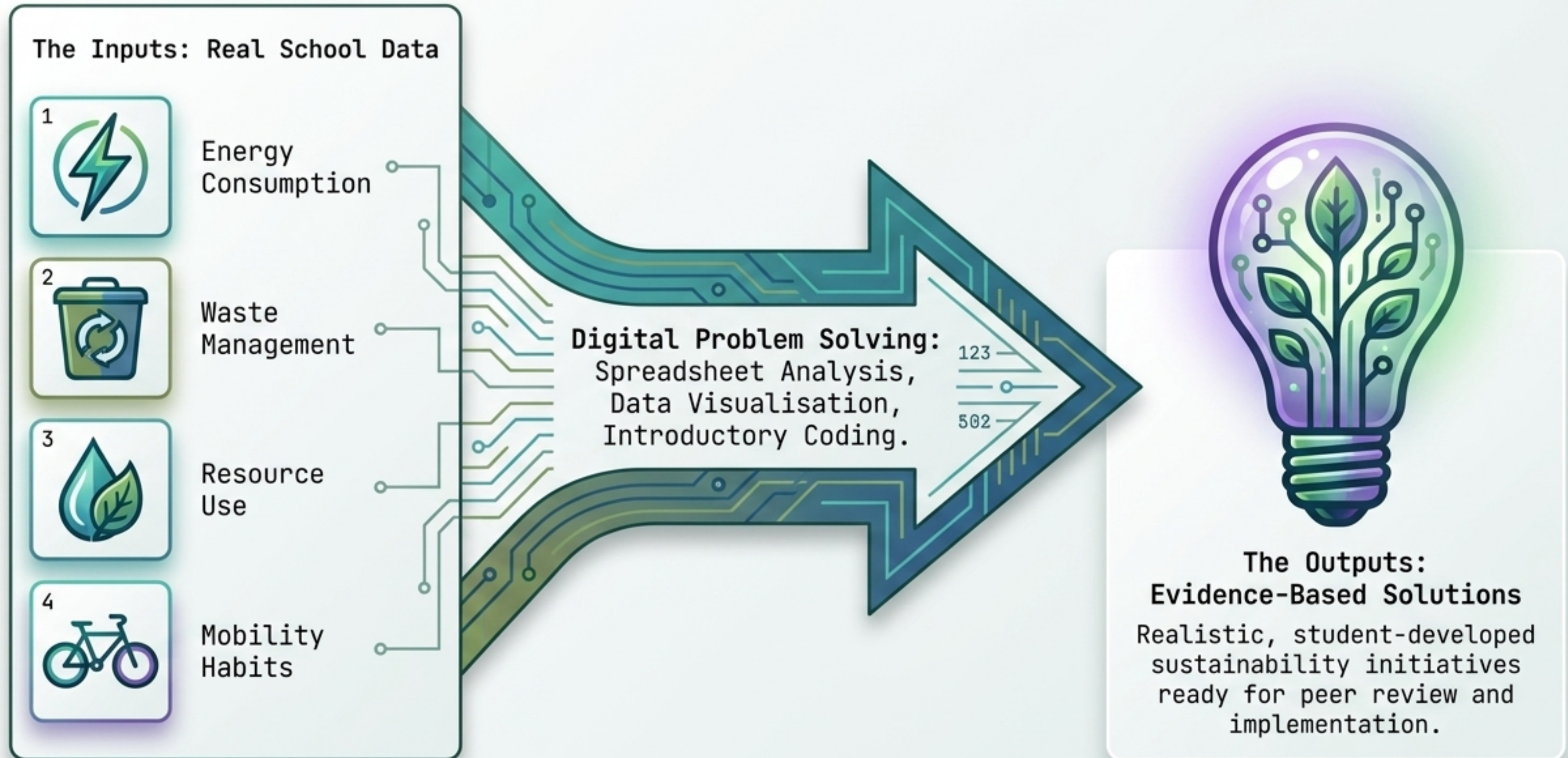
Action: Establish a Green STEM Club model in each partner school and develop a reusable, open-access Digital Toolkit.

Breaking Passive Habits via Role Rotation

To ensure girls do not default to supportive group roles, the methodology mandates structured rotation through four critical leadership positions during project work:



Bridging Theory and Action



The Partnership Matrix: A Distributed Innovation Engine

 Slovenia -
Šolski center
Ljubljana/Gimnazija
Antona Aškerca

 Latvia - Rīgas
88. vidusskola

 Portugal -
AEVT

 Türkiye -
PHOENIX EdTech
SOLUTIONS

Coordination Role	Core Deliverable	Post-Project Legacy
Project Coordinator	Host Kick-off & Digital Toolkit Lab	Lead common methodology for inclusive Green STEM
Green Innovation Lead	Organize International Green Innovation Hackathon	Archive student prototypes and pitch frameworks
Sustainability Lead	Host Final Showcase	Develop and integrate the permanent Green STEM Club model
Publication Lead	Maintain digital consistency & provide online support	Build and host the open-access Digital Toolkit for 3+ years

Equipping Educators: The Digital Toolkit

Context

Produced by Türkiye and piloted by all partners, this open-access resource hub ensures the project's methodology can be instantly deployed by any European school.



The Legacy Architecture: Beyond 18 Months

