

Solar Energy for Future Generations: Be Bright, Turn to Solar Power

Erasmus+ KA220-SCH | 2024-1-LV01-KA220-SCH-000252988 | September 2024 – August 2026

#Solar4Future+ is a two-year Erasmus+ partnership bringing together six organisations from Latvia, Italy, Croatia, Spain, Türkiye and Romania to embed solar energy and STEAM education into schools across Europe. Coordinated by Riga Technical University, the project responds to a clear gap: climate change education remains largely theoretical in schools and rarely connects to hands-on STEAM learning. Targeting students aged 10–14, #Solar4Future+ uses a blended, inquiry-based methodology and Community Science Projects (CSP), student-built solar models and systems, to turn students, teachers, and whole school communities into more active participants in the fight against climate change.

WHAT WE HAVE DELIVERED

- **Solar Energy Curriculum** - a full STEAM-based curriculum guide and lesson plans on solar energy, tested and refined by all partner schools and now available for classroom use.
- **CSP Toolkit** - a Community Science Project toolkit equipping teachers and students to run local sustainability initiatives, complete with an explainer video.
- **Solar Energy Challenges** - four national challenges and one international final, engaging students in hands-on solar and renewable-energy problem-solving.
- **Staff mobilities & training** - Learning, Teaching, and Training Activities took place in all partner countries, with international training and mobilities taking place in Riga and Corato.
- **Digital tools & website** - a project website with an energy tools section (solar panel and home energy-saving calculators), newsletters and a growing news archive.
- **European added value** - transnational cooperation across six countries has produced a free, adaptable methodology.



IMPACT SO FAR

10+ schools have been involved in the project; 3,000+ students and 100+ teachers have been reached through workshops, trainings, local challenges, international collaborations, social media and dissemination events across Latvia, Italy, Croatia, Spain, Türkiye and Romania.

FOLLOW THE PROJECT

Website: solar4future-erasmus.com

Instagram: [@solar.4future](https://www.instagram.com/solar.4future)

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