

#Solar4Future+ Challenge Results

Erasmus+ Project #Solar4Future+ · Project ref. 2024-1-LV01-KA220-SCH-000252988
Co-funded by the Erasmus+ Programme of the European Union

4
PARTNER
SCHOOLS

105+
STUDENTS
INVOLVED

24
TEAMS
COMPETING

Success Story

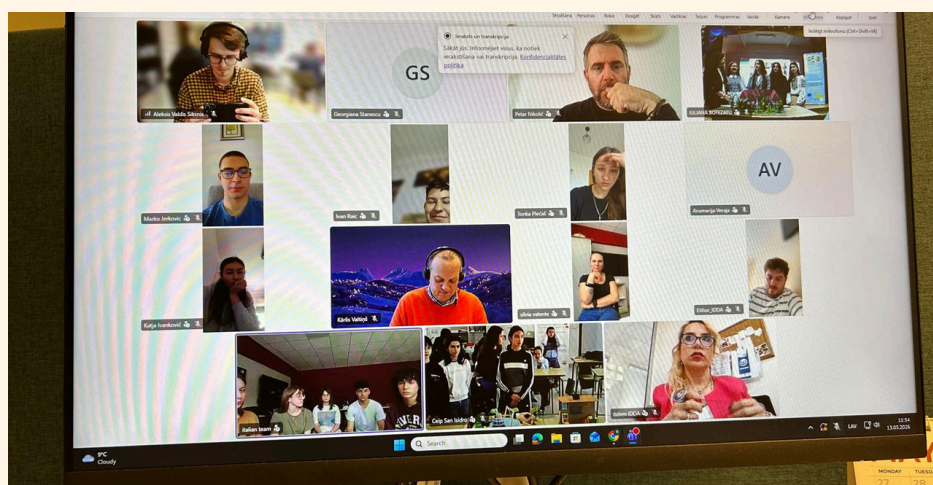


International winner announced

After local challenges across four partner countries — Spain, Croatia, Romania, and Italy — the best teams competed in the online international final on 13 May 2026. The jury, including experts from Türkiye's Innovation and Digital Development Association and Riga Technical University (Latvia), evaluated all finalist projects. At the Final Project Meeting in Türkiye, Riga Technical University declared the results:

**Romania — "Ștefan cel Mare"
National Pedagogical College,
Bacău**

Congratulations to the Romanian team for taking the international title with their outstanding solar energy project!



Local challenges — partner highlights

Spain

CEIP San Isidro Labrador

55 students, 11 teams

Sustainable Classrooms
& Inclusive Solar Park
(tied 1st)

Croatia

Srednja škola Metković

25 students, 5 teams

Solar city Metković —
public solar projects &
rooftop installs

Romania

"Ștefan cel Mare" Nat.
Ped. College, Bacău

45+ students, 9 teams

EcoSpark — solar tech
for school & community

Italy

I.I.S.S. "Federico II Stupor
Mundi", Corato

25 students, 5 teams
The Piezopottery —
piezoelectric + solar
hybrid flooring



Journey from local to international

**APRIL
-MAY
2026**

Local challenge days

All partner countries

Each school organised its own science-fair-style event. Teams of 5 presented 5-minute pitches to expert juries, with scores based on innovation, STEAM integration, feasibility, and presentation quality.

**13
MAY
2026**

International final

The four national finalist teams competed before an international jury including experts from Türkiye (Innovation and Digital Development Association) and Latvia (Riga Technical University).

**18
MAY
2026**

Winner declared by Riga Technical University

The Romanian team from "Ștefan cel Mare" National Pedagogical College was chosen as the best project by jury vote.



Spotlight — winning projects from each country

Italy — "The Piezopottery"

The Italian winning team (Team 1, I.I.S.S. Federico II, Corato) wowed the jury with a hybrid flooring concept combining piezoelectric tiles — generating electricity from footsteps — with transparent silicon solar cells to capture ambient light simultaneously. The jury praised its multidisciplinary blend of science and design, zero-CO₂ focus, and confident delivery.

Croatia — Solar city Metković

Team 1 from Srednja škola Metković proposed a comprehensive solar strategy for their city: public solar installations, educational workshops, subsidy schemes, rooftop panels, and solar-powered traffic roundabouts. Team leader Ivan Raič later presented the project at a European Parliament Ambassador School (EPAS) event, extending its reach within the wider school community.



Spotlight — winning projects from each country

Romania — EcoSpark (international winner 🏆)

The 10th Grade C team from "Ștefan cel Mare" National Pedagogical College stepped up as the international representative after the original 1st-place winners withdrew. Their EcoSpark project — focused on introducing solar technology to the school building and its surrounding community — ultimately impressed the international jury the most. Eight coordinating teachers supported the students through every phase of the challenge.

Spain — Sustainable Classrooms & Inclusive Solar Park

CEIP San Isidro Labrador stood out for its extraordinary depth of participation — 55 students from 5th grade primary through 2nd year secondary (ESO) — and a Local Challenge Day that ended in a dramatic tie at 16.5 points between two teams. A live tie-breaker pitch before the whole school community was held to decide the finalist.

What made this challenge special

Across all four countries, every local event followed the same STEAM methodology: 5-member teams each holding a distinct role (Scientist, Technologist, Engineer, Artist, Mathematician), 5-minute pitches to mixed juries of teachers and industry experts, and projects grounded in real local energy challenges. The result was an inspiring display of youth-led innovation that transcended borders — from Croatian roundabouts to Italian piezo-floors to Romanian eco-schools.

