



Brief Presentation

**WRO Hellas | Elementary Students
Category**

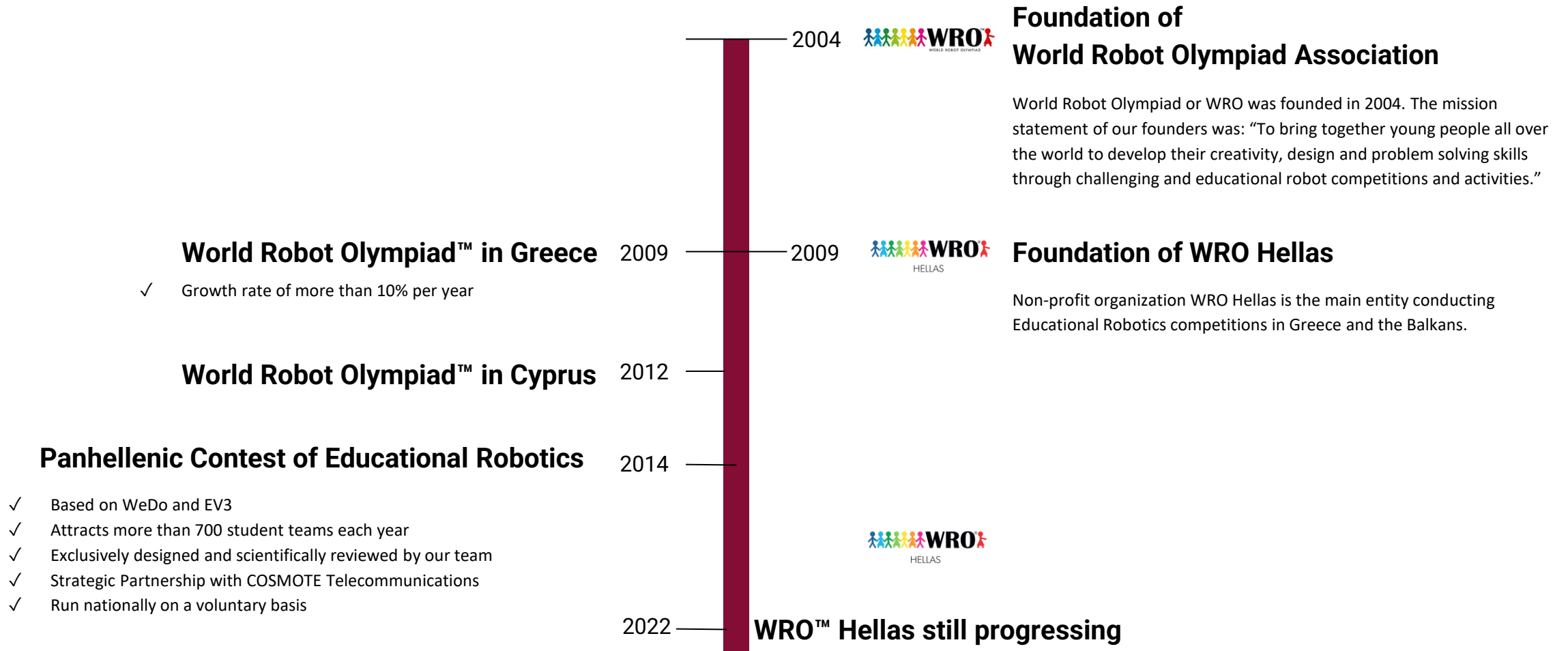


WRO HELLAS | Who we are

Non-profit organization WRO Hellas is the main entity conducting [Educational Robotics competitions](#) in Greece and the Balkans. Using competitions as our main leverage, we work hard to facilitate the [introduction of STEM and educational robotics](#) to Greece's national compulsory educational curriculum.



World Robot Olympiad / WRO Hellas **Short history**





WRO Hellas | Our approach

Schools are motivated to seek sponsorships and buy more kits



Our approach: A 3-steps model

1.

Infrastructure

Create **motives & ways** for schools to obtain educational robotics **infrastructure**

2.

Free training & Support

Support both teachers and students with hands-on **training, lesson plans & guides**

3.

Robotics Contests

Achieve the cultivation at **STEM way of thinking** and learning in schools

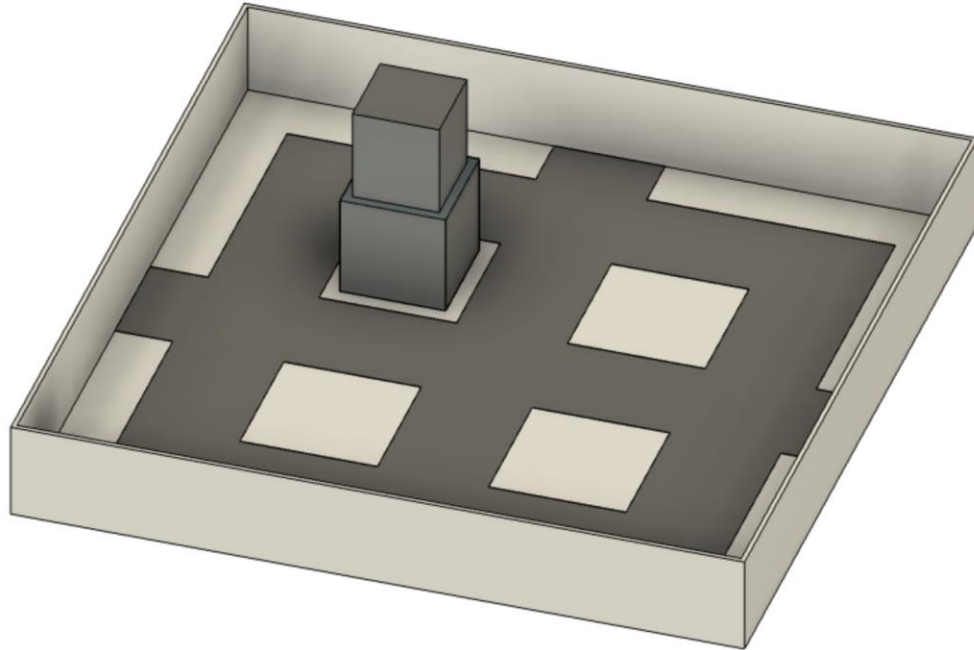
Teams get feedback and motivation to try again



Capitalizing on the educational material

WRO Hellas | Students Category Challenges |

All school Category based on project



✓ **Competition theme:**
“Smart Cities”

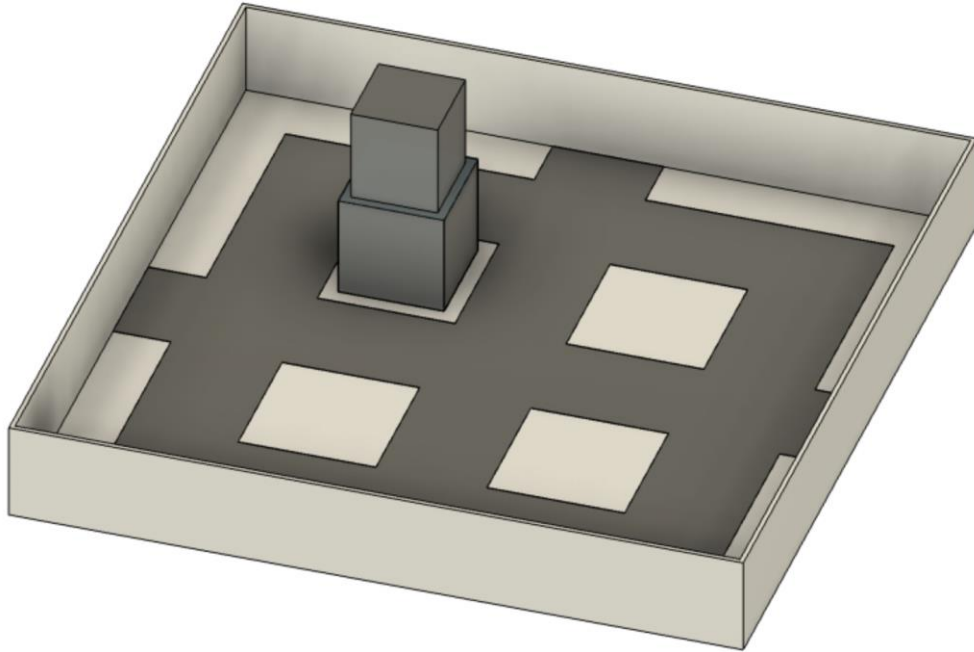
✓ **Grades:** ALL

✓ **Competition goals:**

- Problem solving on related subjects.
- Explore basic scientific concepts in a constructivist (hands-on) way
- Learn how to use the available resources for research and know more about the light pollution in terms of technology and engineering.

WRO Hellas | Students Category Challenges |

Secondary school Category based on project



✓ On the day of Competition:

On the day of the competition, participating teams may bring their robotics structure ready. The only thing they are asked to do is prepare their booth and present their project to the judges. The judges will evaluate both the concept of the project and the development of the code (software).



WRO Hellas | Our impact

- > **1200** schools nation-wide have been equipped with LEGO Education material
- > **4000** teachers have been trained on robotics with free hands-on workshops
- > **20000** Greek students have participated in the Contests of WRO Hellas

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- ✓ **All 13** Greek regions actively participate in our community
 - ✓ All national WRO Hellas correspondents work with us on a **voluntary basis**
 - ✓ Our volunteers are **academics** and/or members of the **formal educational system**





WRO Hellas | Next step...

Our next goal is teams from European countries of CliC-PoliT to participate in the competition.

In general we invite every organisation and school involved with educational robotics to connect with us!





HELLAS



Thank **you!**