

22nd ESDN Workshop

Unlocking robotics: A journey through STEM concepts

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NGO Montenegrobotics



1 How it started?

- Graduated from Faculty of Electrical Engineering (University of Montenegro)
- Master's degree at Faculty of Electrical Engineering (University of Belgrade)
- Board member of EESTEC org
- 2016 – First Global Challenge, Washington DC
- 2019 – Montenegro Robotics
- 2020 – Montenegro Makers
- 2022 – Montenegro Space Research



Introducing robotics to Montenegro

- Montenegro Robotics as the first organisation of its kind
- First Global Challenge competition – participated 7 times
- Participated in several cities including Washington DC, Mexico City, Dubai, Geneva...
2023 - Singapore - 3rd place in the world and judge award for the best robot design



2023 FGC



Singapore



2023 FGC

Singapore





Collabs



•Domestic, regional and international organisations

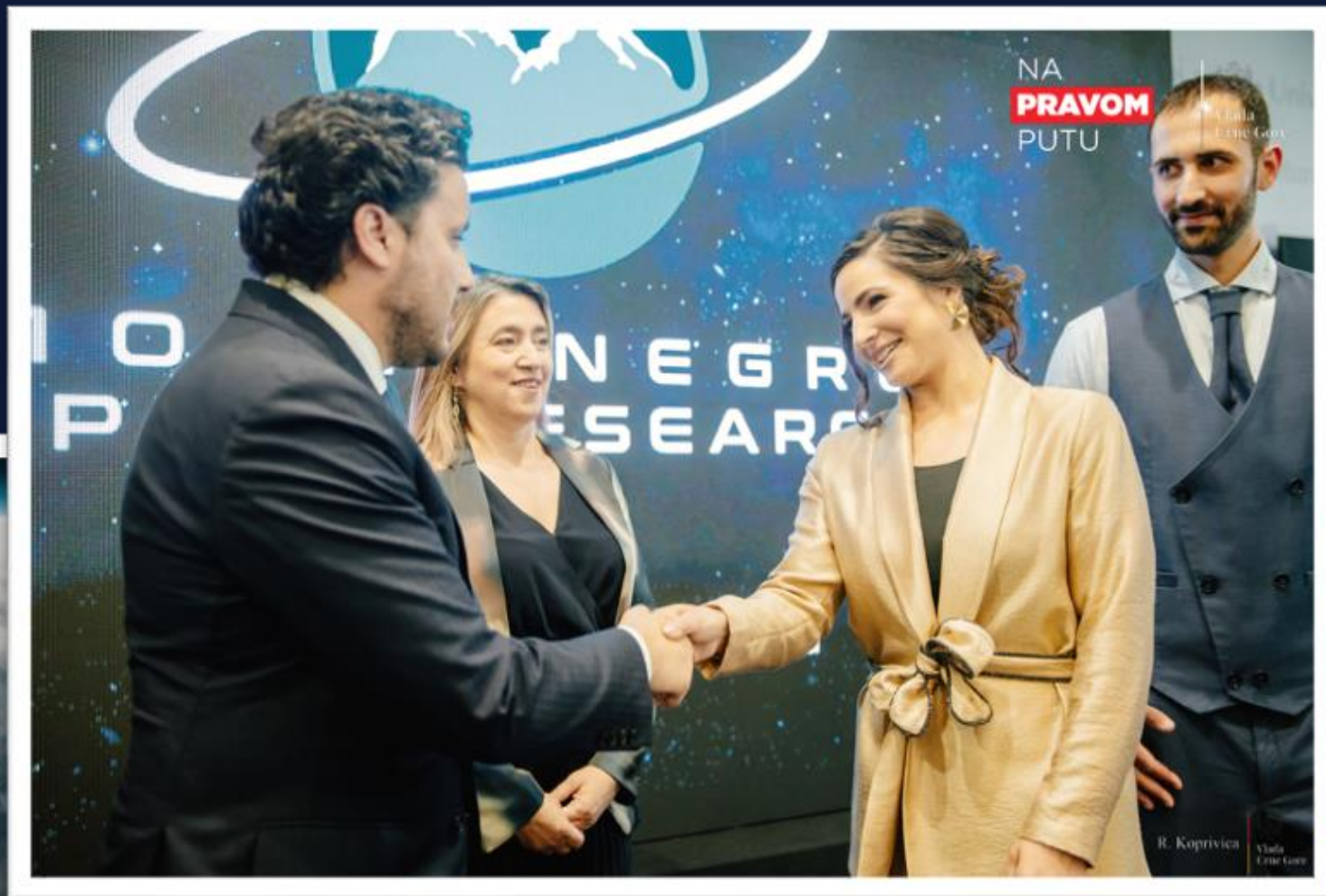


Montenegro Makers – created from synergy of 2 entities – Code Pixel and Montenegro Robotics

- Partnership with IRIM Croatia
- Focus on young students
- Elementary School teaching
- Intense collab with the Ministry of Education
- National and regional competitions
- [Robotics league for elementary school children final](#)

Montenegro Space Research

- Dedicated to advancing space exploration, satellite technology and rocket engineering
- The first ever Montenegrin satellite "Luca"
- Scheduled for Q2 2024
- Pilot project – Meteorological balloon launched in September 2022
- Encouraging youth engagement and education in STEM fields through outreach programs



**Thank you for
your attention!**

