

CubeSat Educational Programme for Girls in Kazakhstan

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Worldwide:

- **1 in 4 girls** (15-19 y.o) is not employed and is not involved in the educational process.
- Only **20% of all jobs** in technology were held by women in 2018.
- Commercial market for nanosatellites by 2026: over **\$6.2bln**



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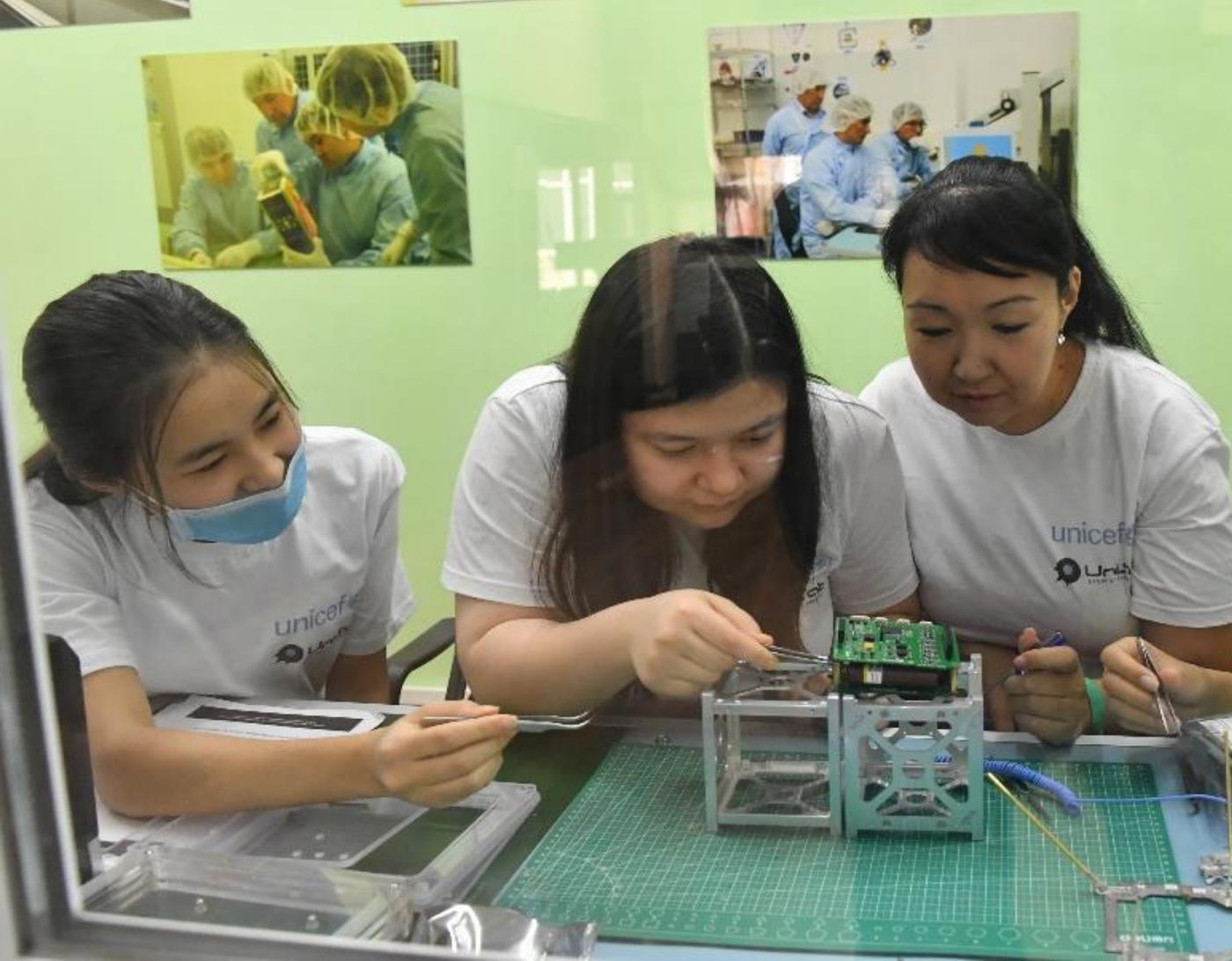
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UniSat
launch your dreams

**UNICEF and AL-FARABI UNIVERSITY SCIENCE AND TECHNOLOGY PARK
launched “UniSat” educational programme
for girls in Kazakhstan**





- Curriculum in **3 languages**
- **Girls and young women** (14 - 35 y.o) from different regions of Kazakhstan
- **Free course:** planning, design, assembling, testing, and launch
- **Tech & Soft skills:** creativity, teamwork, drive for results, presentation skills.

Girls
assembled
& tested
two
CubeSats



30 October : 'UniSat' was **successfully launched** to the stratosphere



Next Steps:

1. **Scale up** of the programme in Kazakhstan
2. Development of **online educational platform** with machine learning elements
3. **CubeSat challenge in Kazakhstan** -> global challenge by the UNICEF Office of Innovations
4. **'Empowerment'** pillar of GIGA to compliment high speed internet connection for children



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UniSat
launch your dreams

We need more girls in space to launch their dreams!

Join us!



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[unicefkazakhstan](https://www.instagram.com/unicefkazakhstan)

Questions?  [@VeronikVash](https://twitter.com/VeronikVash)

Key asks to partners:

- Support in replicating this programme for girls in other countries;
- Investments to scale it up in Kazakhstan, reaching girls in rural remote areas;
- Internship opportunities in space industry for graduates of the programme;
- Data on air pollution, disasters, high speed internet – other usecases?
- Support in launching CubeSats & maintenance of ground stations.