

# Open Technologies and STEM education

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**13th Scientix Projects' Networking Event**





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## Open Technologies Alliance

# *Organisation*



- ✓ Established in 2008, in operation since 1996
- ✓ members: 36 Universities and Research Centers
- ✓ non-profit organization with shareholders its members
- ✓ Board of Directors (9 members)
- ✓ Scientific Committee (27 members)
- ✓ 8 working groups (>300 members)
- ✓ Community (>9000 members)

# *The main objective*



Promote Openness in:

- ✓ Education
- ✓ Public Administration
- ✓ Business





# *Areas of Interest*

Open Standards  
Open Source Software  
Open Content  
Open Hardware  
Open Design  
Open Data  
Open Licenses  
Open Educational Resources



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Initiatives



(a)

Open Tech  
Registries

# Open Tech Registries (objective)



- To create a registry of the people, schools and technologies that use and develop open technologies



# Open Tech Registries



**197 Schools**

[https://edu.ellak.gr/mitroo\\_sholion/](https://edu.ellak.gr/mitroo_sholion/)

**361 Educators**

[https://edu.ellak.gr/mitroo\\_ekpedeftikon/](https://edu.ellak.gr/mitroo_ekpedeftikon/)

**339 Software packages**

[https://edu.ellak.gr/edu\\_fos/](https://edu.ellak.gr/edu_fos/)



(b)

Open Tech in  
Schools

# Open Tech in Schools

## (description)

- A set of seed projects aiming at encouraging the use of open tech in schools

# Open Tech in Schools (projects)



<b>Project Description</b>	<b>Strategic Partner</b>
<b>3D printers in schools</b>	<b>OpenWise</b>
<b>Hack Your Classroom</b>	<b>Onassis Foundation</b>
<b>Open Schools Programme</b>	<b>Municipality of Athens</b>
<b>Co[de] &amp; Create</b>	<b>FCA</b>
<b>Edulabs</b>	<b>Ministry of Education</b>
<b>Open Robotics</b>	
<b>Slidewiki</b>	<b>EU Funded Project</b>



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Conclusions

# *Conclusions*



- ✓ Collaborate
- ✓ Share the development with the community
- ✓ Use standard and mature open source technology
- ✓ Experiment and Train as you develop
- ✓ Make it Simple
- ✓ Open Tech is about humans not technology



Thank you!

More information at  
[www.gfoss.eu](http://www.gfoss.eu)