

# SCIENTIX

The community for science  
education in Europe

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1<sup>st</sup> Cyprus SCIENTIX Conference

09/12/2022, Nicosia



# SCIENTIX

The community for science  
education in Europe

Scientix has received funding from the European Union's H2020 research and innovation programme – project Scientix 4 (Grant agreement N. 101000063) coordinated by European Schoolnet (EUN). The content of the presentation is the sole responsibility of the presenter and it does not represent the opinion of the European Commission (EC), and the EC is not responsible for any use that might be made of information contained

# Scientix – the community for science education in Europe

Project funded under the H2020 programme  
Coordinated since the beginning (2010) only by EUN  
Currently Scientix 4 (2020-2022)



A European network for all the people working in the field of science education – teachers, education researchers, policymakers, and other STEM education professionals.



Promotes and supports European collaboration among STEM stakeholders



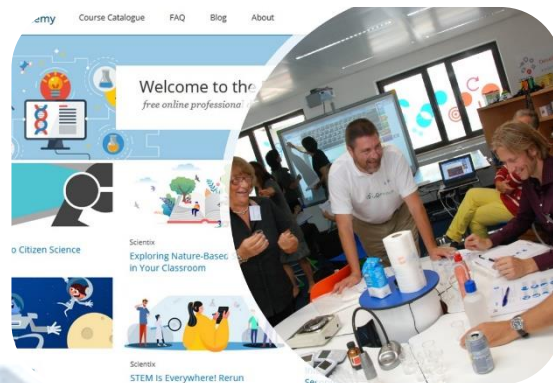
Various channels and services



# Scientix at a glance



**Support**



**Train**



**Connect**



**Share**

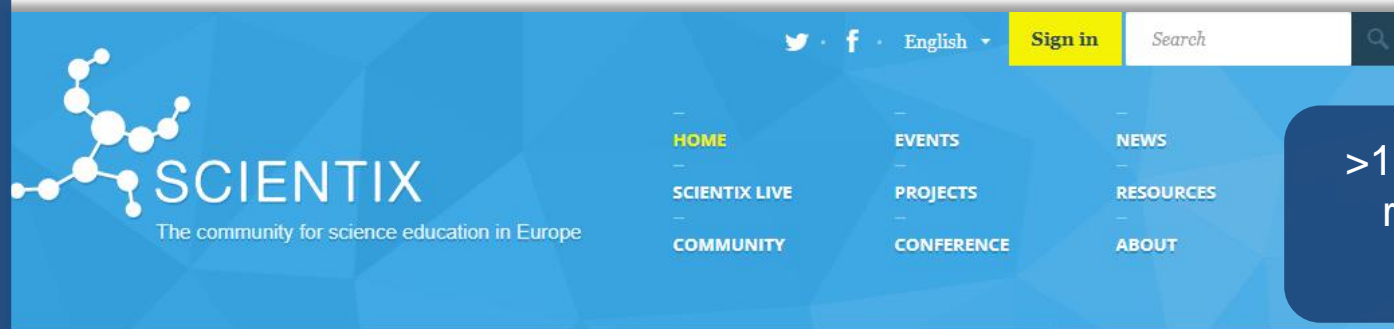


# Scientix, the community for science education

- Projects on STEM education
- Resources
- Scientix observatory papers
- Newsletters
- Blog entries
- Translation of resources



<http://www.scientix.eu>



>10,000 monthly unique visitors reaching +120,000 students every month



# Cooperation



All STEM projects and stakeholders



Science Topics Networking Seminars



Conferences



Ministries of Education STEM representatives Working Group / Scientix National Contact Points



Scientix Ambassadors  
“Old” and “new”



STE(A)M Partnerships



# Scientix Ambassadors



**1011** Scientix Ambassadors  
from **50** countries

[www.scientix.eu/conference](http://www.scientix.eu/conference)



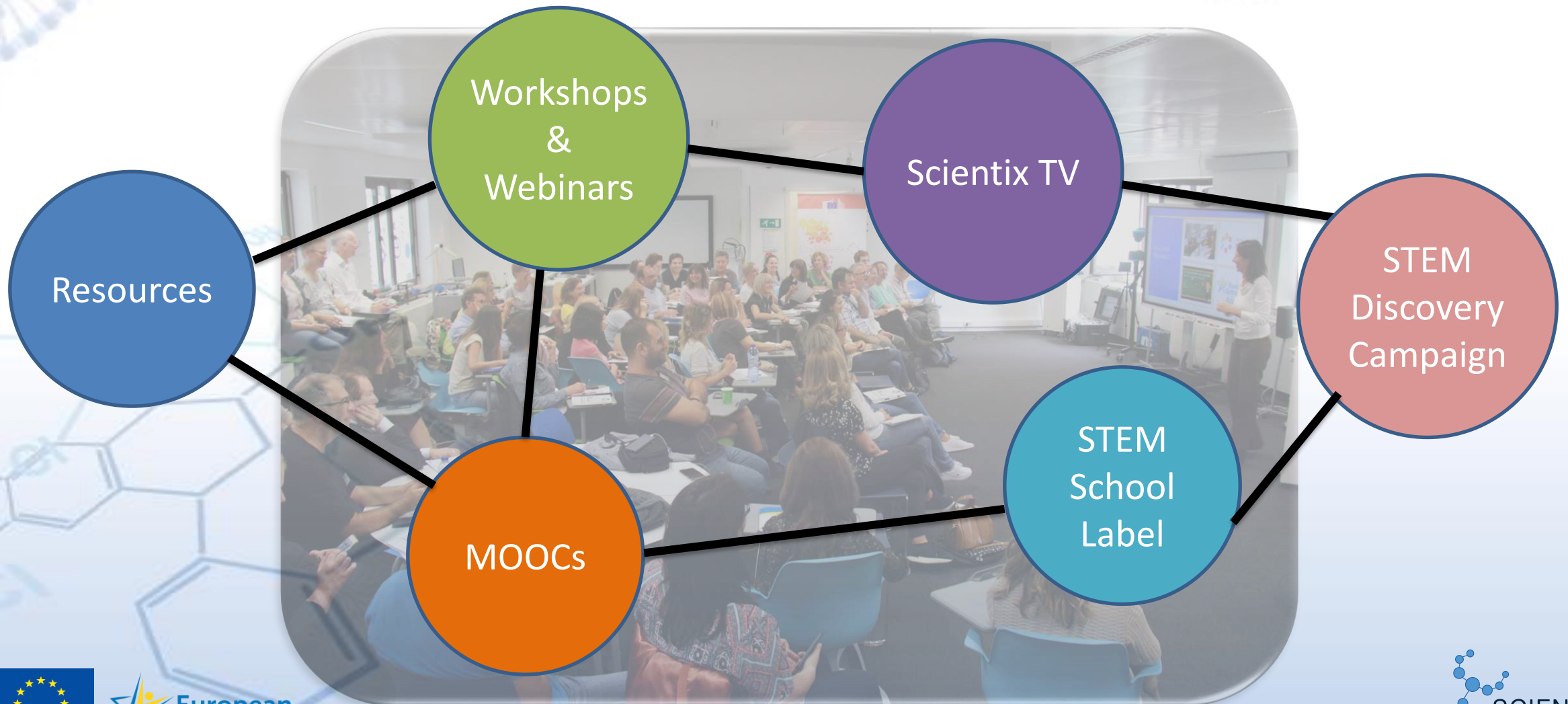
4<sup>TH</sup> SCIENTIX INTERNATIONAL  
CONFERENCE

18-19 NOVEMBER 2022 ONLINE



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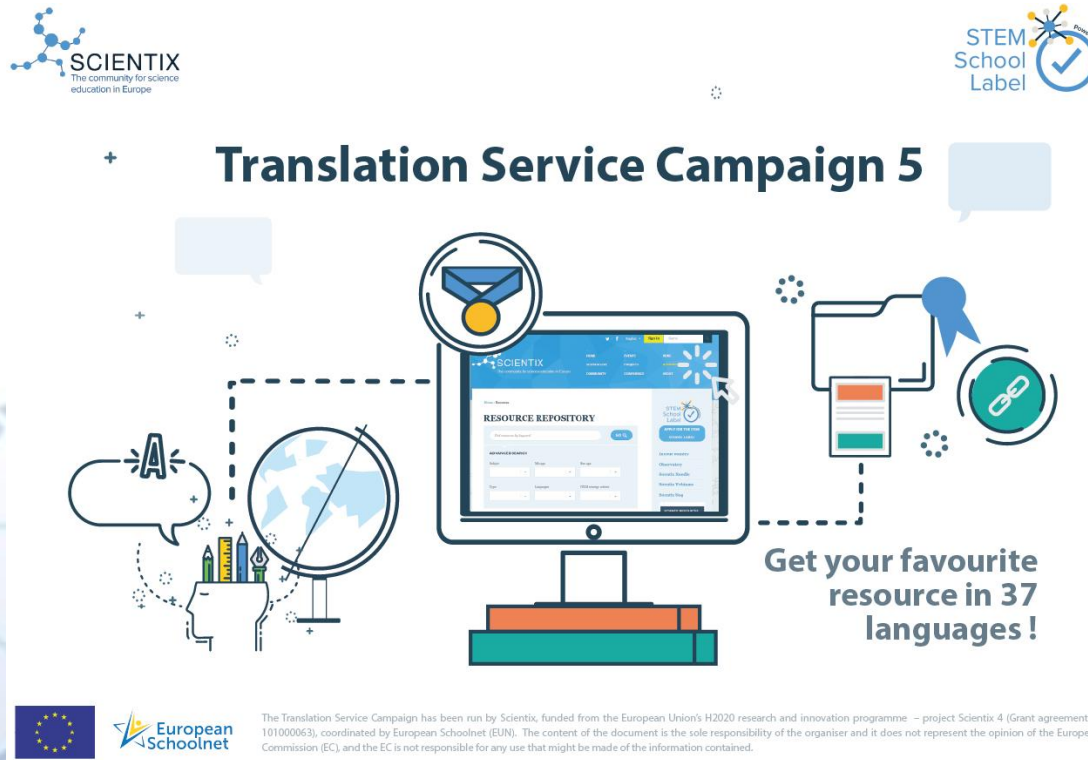
# Scientix key services for teachers





# Scientix Resources and Translation Service Campaign 5

Vote for  
your favorite  
resource  
until 6 Jan  
2023!



The graphic features the SCIENTIX logo (The community for science education in Europe) and the STEM School Label logo. The central text reads "Translation Service Campaign 5". Below this, a computer monitor displays a "RESOURCE REPOSITORY" interface. To the left, a globe and a lightbulb icon are connected to the monitor by dashed lines. To the right, a document icon and a link icon are also connected. The text "Get your favourite resource in 37 languages!" is positioned below the monitor. At the bottom left, the European Union flag and the European Schoolnet logo are displayed. A small disclaimer at the bottom right states: "The Translation Service Campaign has been run by Scientix, funded from the European Union's H2020 research and innovation programme – project Scientix 4 (Grant agreement N. 101000063), coordinated by European Schoolnet (EUN). The content of the document is the sole responsibility of the organiser and it does not represent the opinion of the European Commission (EC), and the EC is not responsible for any use that might be made of the information contained."

Translation Service  
Campaign 5 will focus on  
one of the key elements of  
STEM School Label:

**“Assessment and  
School Infrastructure”**

How can you vote for your  
favourite resource?



<http://www.scientix.eu/translation-service>



Join the STEM School Label!

# STEM School Label



<https://www.stemschoollabel.eu/home>



STEM School Label Support Team  
[stemschoollabel@eun.org](mailto:stemschoollabel@eun.org)



# STEM SCHOOL KEY ELEMENTS AND CRITERIA

**STEM School = School with a clear STEM strategy**

- Personalisation of learning
- Project and problem-based learning (PBL)
- Inquiry Based Science Education (IBSE)

## Instruction

- Highly qualified professionals
- Existence of supporting (pedagogical) staff
- Professional development

## Professionalization of staff

- With industry professionals
- With parents/guardians
- With other schools and/or educational platforms
- With universities and/or research centers
- With local communities

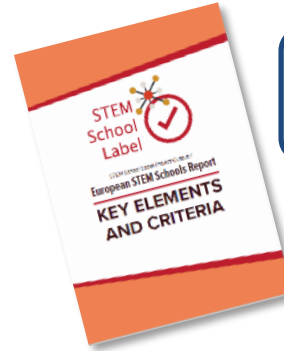
## Connections

## School infrastructure

- Access to technology and equipment
- High quality instruction classroom materials

## Curriculum implementation

- Emphasis on STEM topics and competences
- Interdisciplinary instruction
- Contextualisation of STEM teaching



STEM School elements and criteria with additional information:

<https://tinyurl.com/STEM-label-criteria>

## Assessment

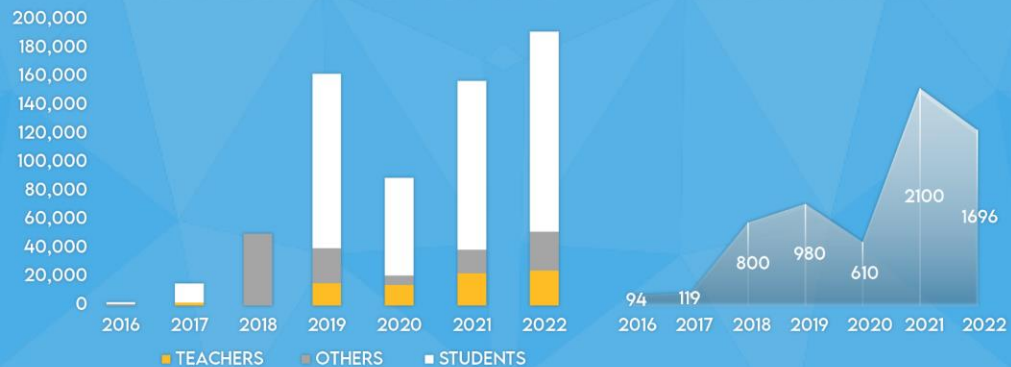
- Continuous assessment
- Personalised assessment

## School leadership and culture

- School leadership
- High level of cooperation among staff
- Inclusive culture

## PARTICIPANTS

## ACTIVITIES



45  
COUNTRIES

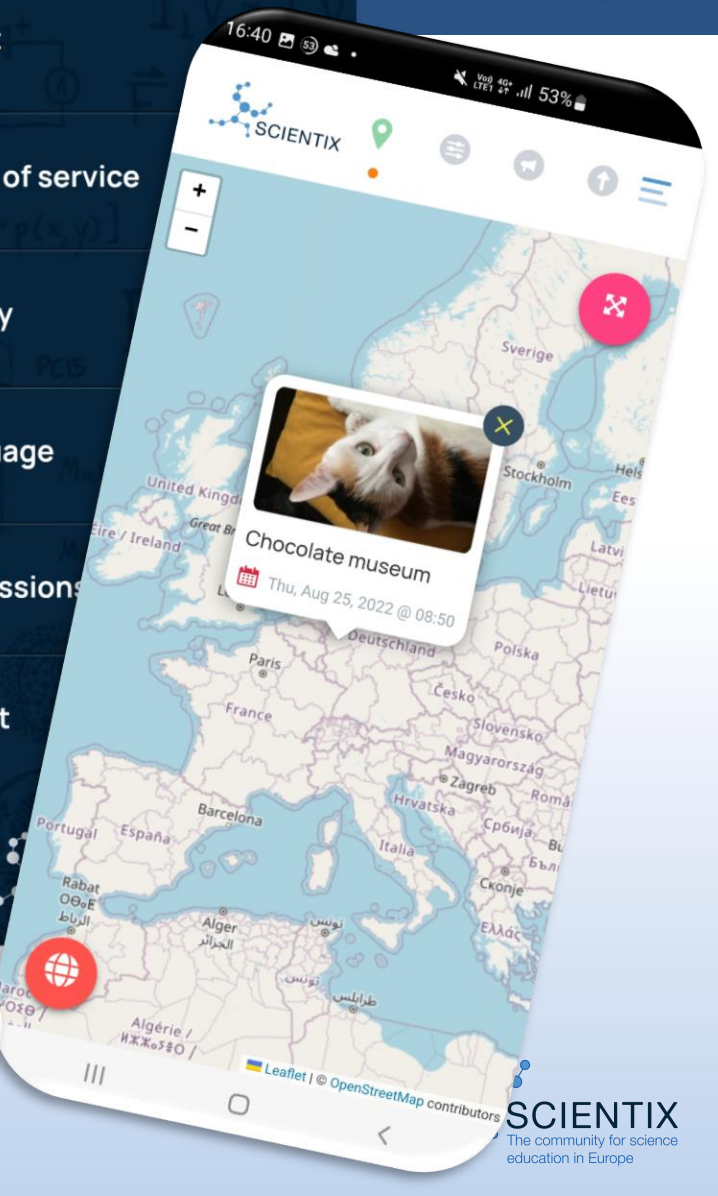
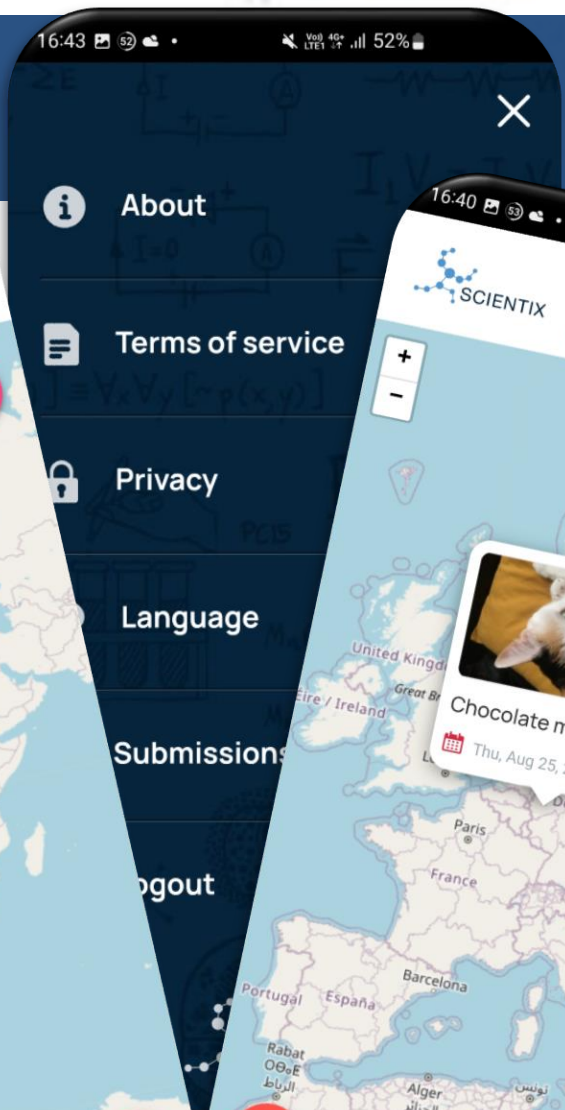
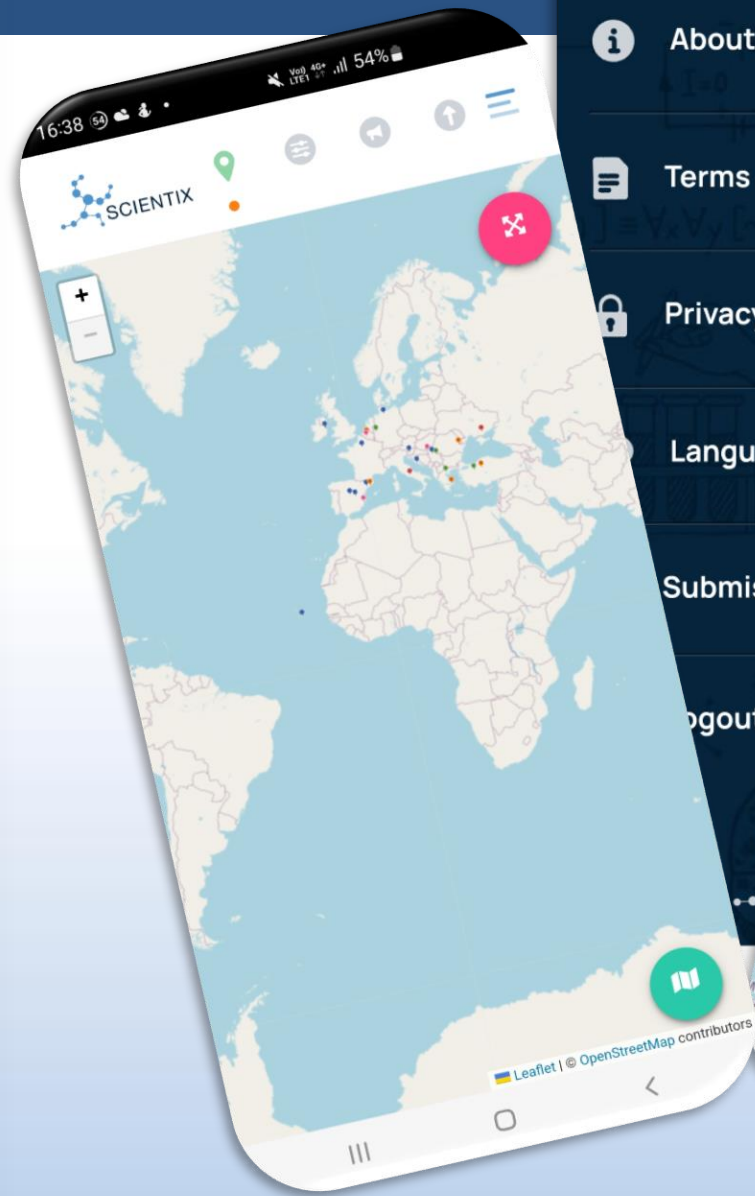


<http://www.scientix.eu/events/campaigns>

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# Training: online and face to face



Workshops for teachers (online, in FCL in Brussels and other events)



<http://www.scientix.eu/live>



Online courses on the EUN Academy (MOOCs)



<https://www.europeanschoolnetacademy.eu>



JOIN THE  
SCIENCE PROJECTS  
ONLINE WORKSHOPS  
(SPOWs)  
Starting in May 2022  
**REGISTER NOW!**

SCIENTIX  
The community for science  
education in Europe

European  
Schoolnet

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LEARN MORE

LifeTerra  
Teaching Sustainability for Action

Starts: Jan 10, 2022



# Scientix MOOCs



NBS EduWORLD 13 February 2023 SCIENTIX The community for science education in Europe

## Exploring Nature-Based Solutions in Your Classroom

# MOOC Rerun

European Schoolnet TRANE TECHNOLOGIES PPMi Funded by the European Union

This NBS MOOC, coordinated by European Schoolnet, is part of the NBS EduWORLD project and is funded by the European Union (Grant Agreement No. 101060525). The MOOC is based on the EC-funded Learning Scenarios developed by European Schoolnet (www.eun.org) with the support of PPMi (www.ppmi.it/en). The MOOC is supported by Trane Technologies (https://www.trane-technologies.com/en) and by Scientix. Scientix is funded by the European Union's H2020 research and innovation programme - project Scientix 4 (Grant agreement No. 101000063). Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Commission. Neither the European Union nor the granting authority can be held responsible for them.



## Make it Open Schooling

massive online open course

opening on: **09.01.23**

European Schoolnet Academy make it open SCIENTIX



<https://www.europeanschoolnetacademy.eu>



# SCIENTIX TV



#ScientixTV

[https://youtube.com/playlist?list=PLtA54levDap3\\_zlyOB](https://youtube.com/playlist?list=PLtA54levDap3_zlyOB)

[Rsf\\_E475HD4Hb2Q](#)



# Stay informed with Scientix

## Newsletter:

Quarterly, in-depth look at a STEM topic



## SCIENTIX NEWSLETTER

### Sustainable Development Goals in Education



**Subscribe online!**

<http://www.scientix.eu/newsletter>

APRIL 2021

Bringing you all the latest from the Scientix community. [View this email in your browser](#)

### WARM UP YOUR KEYBOARDS TO RACE FOR THE NEW EUROPEANA EDUCATION COMPETITION 2022

In collaboration with the 2022 STEM Dictionary Campaign, the European Education Competition 2022 aims to highlight the importance of integrating innovative pedagogical approaches into educational activities, using arts and science digital heritage. The competition invites teachers and non-formal educators to find innovative ways of using Europeana arts and science digital heritage in their educational activities and share a Learning Scenario (LS) or Story of Implementation (Sol) about it. [Read more.](#)

7/03/2022  
Prague

### EVENTS

Leonardo 4 Children Awards  
16/03/2022  
Online

### RESOURCES

First steps in the laboratory  
Eduťorij  
Language: hr

How can STEM education

## Digest:

news, events, and projects sent to your inbox every two weeks

Register [here](#)





# Social Media



Twitter [@scientix\\_eu](#)



FB group “[Science Teachers in Europe](#)”



Instagram [@scientix\\_eu](#)



# Thank you!

The Scientix Team  
[scientix@eun.org](mailto:scientix@eun.org)



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education in Europe

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