



Voir en français ([/fr/news/news/knowledge-sharing/discover-how-ideasquare-will-form-part-upcoming-cern-science-gateway](https://fr/news/news/knowledge-sharing/discover-how-ideasquare-will-form-part-upcoming-cern-science-gateway)).

# Discover how IdeaSquare will form part of the upcoming CERN Science Gateway offerings

The resources developed by IdeaSquare for the Crowd4SDG project will continue to drive innovation through future Science Gateway workshops and masterclasses

5 JUNE, 2023 | By Alexia Yiannouli ([/authors/alexia-yiannouli](#))



Finalists of the Crowd4SDG conference. (Image: Crowd4SDG)

In March 2023, five student teams stepped onto the stage at the Globe of Science and Innovation to showcase their technological solutions to global problems: from tackling waste disposal in Italy, to hand pump borehole monitoring in Sub Saharan Africa, to mapping flood levels in real time in San José in California, USA.

IdeaSquare (<https://ideasquare.cern/>) has helped these young innovators through organising online challenge-based innovation (CBI) workshops, allowing teams to build prototypes and develop their projects into a reality. These students were the finalists of (<https://crowd4sdg.eu/crowd4sdg-final-conference-demonstrating-the-potential-of-citizen-science-for-monitoring-the-sdgs/>) Crowd4SDG (<https://crowd4sdg.eu/crowd4sdg-final-conference-demonstrating-the-potential-of-citizen-science-for-monitoring-the-sdgs/>), an EU-funded project in which CERN has been a key partner, with a focus on how citizen science and crowdsourcing tools can be used to address the United Nations Sustainable Development Goals (SDGs).

This is just one example of the CBI workshops offered by IdeaSquare, which currently co-designs and runs over 22 project-based student courses with international universities. IdeaSquare, in collaboration with Crowd4SDG, developed a [handbook](https://cernbox.cern.ch/pdf-viewer/public/CAoqBtzqxXggajr/CS_workshop_guide_for_organisers_condensed_public.pdf?contextRouteName=files-public-link&contextRouteParams.driveAliasAndItem=public%2FCAoqBtzqxXggajr&items-per-page=100) ([https://cernbox.cern.ch/pdf-viewer/public/CAoqBtzqxXggajr/CS\\_workshop\\_guide\\_for\\_organisers\\_condensed\\_public.pdf?contextRouteName=files-public-link&contextRouteParams.driveAliasAndItem=public%2FCAoqBtzqxXggajr&items-per-page=100](https://cernbox.cern.ch/pdf-viewer/public/CAoqBtzqxXggajr/CS_workshop_guide_for_organisers_condensed_public.pdf?contextRouteName=files-public-link&contextRouteParams.driveAliasAndItem=public%2FCAoqBtzqxXggajr&items-per-page=100)), as a guide to CBI workshops for citizen science, designed to help others' organise such events.

This website uses cookies that are either necessary or that measure website performance.

IdeaSquare will form part of the upcoming CERN Science Gateway offerings, scheduled to open its doors in October 2023. The space will now adapt the lessons learned through Crowd4SDG and other experiences and apply them to future workshops for the public. As part of CERN Science Gateway, IdeaSquare will hold monthly workshops and masterclasses to visiting students, centred around topics such as science, sustainability



[innovation \(/tags/innovation\)](#) [Ideasquare \(/tags/ideasquare\)](#) [Science Gateway \(/tags/science-gateway\)](#)

## Related Articles

[\(/news/news/knowledge-sharing/new-compact-accelerator-help-preserve-heritage-artworks\)](/news/news/knowledge-sharing/new-compact-accelerator-help-preserve-heritage-artworks)

[›](#) [\(/news/news/knowledge-sharing/new-compact-accelerator-help-preserve-heritage-artworks\)](/news/news/knowledge-sharing/new-compact-accelerator-help-preserve-heritage-artworks)  
[Knowledge sharing](#) | [News](#) | 18 April, 2023

[\(/news/news/knowledge-sharing/spectroscopic-x-ray-imaging-now-certified-medical-use\)](/news/news/knowledge-sharing/spectroscopic-x-ray-imaging-now-certified-medical-use)

[›](#) [\(/news/news/knowledge-sharing/spectroscopic-x-ray-imaging-now-certified-medical-use\)](/news/news/knowledge-sharing/spectroscopic-x-ray-imaging-now-certified-medical-use)  
[Knowledge sharing](#) | [News](#) | 31 August, 2022

[\(/news/news/knowledge-sharing/call-crowdsourcing-projects-pursuing-un-sustainable-development-goals\)](/news/news/knowledge-sharing/call-crowdsourcing-projects-pursuing-un-sustainable-development-goals)

[›](#) [\(/news/news/knowledge-sharing/call-crowdsourcing-projects-pursuing-un-sustainable-development-goals\)](/news/news/knowledge-sharing/call-crowdsourcing-projects-pursuing-un-sustainable-development-goals)  
[Knowledge sharing](#) | [News](#) | 10 August, 2022

[View all news ›](#)

## Also On Knowledge sharing

[\(/news/news/knowledge-sharing/connecting-small-and-large-scales\)](/news/news/knowledge-sharing/connecting-small-and-large-scales)

[\(/news/news/knowledge-sharing/collaboration-cern-asset-scientific-communities-middle-east\)](/news/news/knowledge-sharing/collaboration-cern-asset-scientific-communities-middle-east)

[\(/news/news/knowledge-sharing/2023-django-girls-geneva-event-was-resounding-success\)](/news/news/knowledge-sharing/2023-django-girls-geneva-event-was-resounding-success)

[\(/news/news/knowledge-sharing/connecting-small-and-large-scales\)](/news/news/knowledge-sharing/connecting-small-and-large-scales)

[Knowledge sharing](#) | [News](#) | 19 June, 2023

[\(/news/news/knowledge-sharing/collaboration-cern-asset-scientific-communities-middle-east\)](/news/news/knowledge-sharing/collaboration-cern-asset-scientific-communities-middle-east)

[Knowledge sharing](#) | [News](#) | 24 May, 2023

[\(/news/news/knowledge-sharing/2023-django-girls-geneva-event-was-resounding-success\)](/news/news/knowledge-sharing/2023-django-girls-geneva-event-was-resounding-success)

[Knowledge sharing](#) | [News](#) | 25 April, 2023

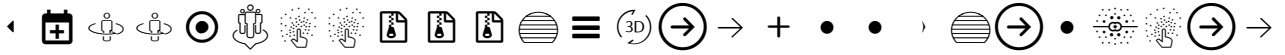


This website uses cookies that are either necessary or that measure website performance.

[Privacy policy \(/privacy\)](#)

[Cookie documentation \(/cookies\)](#)

[View all news ›](#)



Find us



CERN

Esplanade des Particules  
P.O. Box  
1211 Geneva 23  
Switzerland



CERN & YOU

- Doing business with CERN
- Knowledge transfer
- CERN's neighbours
- CERN & Society Foundation
- Partnerships
- Alumni

GENERAL INFORMATION

- Careers
- Visits
- Privacy policy
- Cookies Consent Management

Copyright (https://copyright.web.cern.ch/) © 2023 CERN

This website uses cookies that are either necessary or that measure website performance.

[Privacy policy \(/privacy\)](#)

[Cookie documentation \(/cookies\)](#)