We are a community that wants to make open science hardware ubiquitous

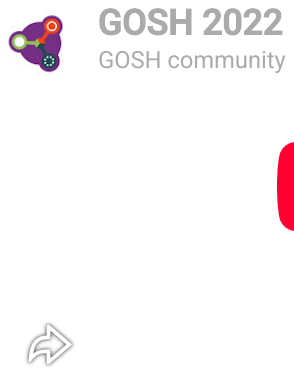


Photo of Attendees at the 2022 GOSH Gathering in Panama City, Panama. Image: Gathering for Open Science Hardware

New to GOSH? Get started by checking out some of our resources below:



The GOSH Welcome Guide is full of information on how to get involved with the community. Click the image above to download the guide. ¡Lee esta guía en español aquí!



A short video documenting our most recent Gathering in Panamá, featuring interviews with several community members. Closed captioning available in both Spanish and English.



Interconnected
We are a global community of scientists, researchers, artists, hackers, hardware developers, and more.



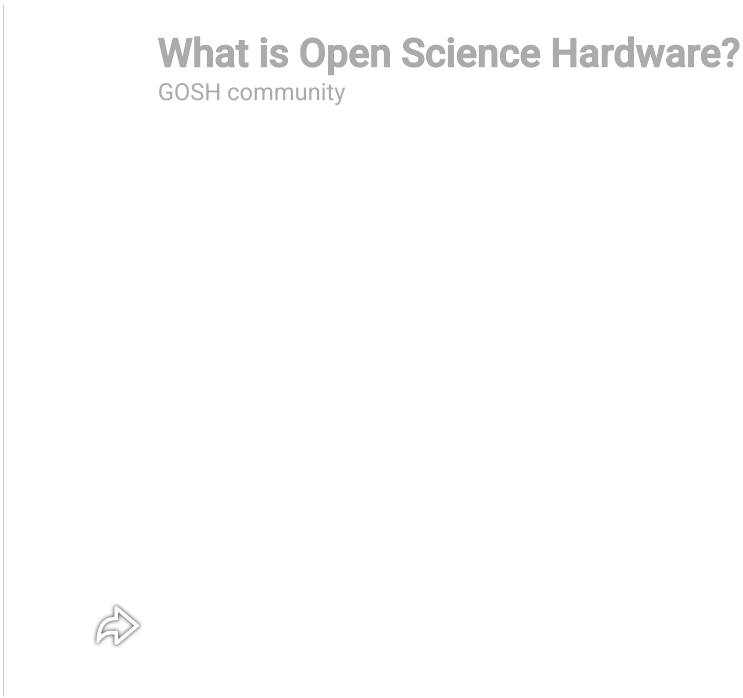
Ethical
Science, and the tools we use to do it, should be open to everyone, regardless of their background.



Ambitous
A dedicated movement to make open science hardware mainstream and widespread.



Impactful
Open hardware changes the culture of science, making it more accessible to more people.



What is Open Science Hardware?

Science hardware encompasses the tools and machinery we use for scientific endeavours (for example, a microscope or environmental sensor). Open Science Hardware refers to science hardware that is open source - or free to use, change, study or distribute. By making science hardware open, more people can have access to the tools we use to do science.

FROM THE OPEN SOURCE HARDWARE DEFINITION:

"...Open source hardware gives people the freedom to control their technology while sharing knowledge and encouraging commerce through the open exchange of designs."



Source: Gathering for Open Science Hardware

GOSH Manifesto: Our Values and Principles

The tools we use to do science belong in the hands of everyone. Ensuring that open science hardware projects are ethical, empowering, and accessible- these are just some of our guiding principles as a community and as a movement.

Read the GOSH Manifesto



Source: Gathering for Open Science Hardware

Global Open Science Hardware Roadmap: How to Make Open Science Hardware Ubiquitous by 2025

Written by over 100 community members, the Global Open Science Hardware Roadmap highlights concrete actions we can take to make open science hardware widespread.

Read the Roadmap



Source: Gathering for Open Science Hardware

Get Connected!

Want to be more involved in the GOSH community? Sign up to the GOSH Forum and the GOSH Newsletter to find out about upcoming events, regional and topical groups, or to learn more about the GOSH movement.

Join the Forum

Sign Up to the GOSH Newsletter