

BRAILLERAP HACKATHON

European Public Health Week

14-15 May 2025 | Brussels, Belgium



Public health challenges—from health inequalities and misinformation to climate change and antimicrobial resistance—demand innovative, collaborative solutions. To address these, EUPHA is hosting a pilot event during European Public Health Week to test the impact of a Public Health Innovation Lab. This Lab would provide a dynamic space in Brussels to accelerate real-world solutions through science, policy, and community-driven innovation.

We're kicking things off with the BrailleRap Hackathon, where we'll turn inclusive innovation into action by building open-source Braille embossers.

Join the hackathon

Date: 14-15 May 2025

Location: Juliette Wytsmanstraat 14, 1050 Elsene, Brussels, Belgium

Register now.

Never participated in a hackathon? No problem! Whether you're a health professional, policy expert, designer, or maker, your skills and ideas are valuable. You'll collaborate in teams to develop real-world solutions - no prior experience required.

What to expect

In this hackathon, participants will collaborate in an open, creative space to develop practical solutions that improve access to public health information and services. Whether you have expertise in healthcare, technology, policy, or simply a passion for inclusive health, your contributions matter.

During the hackathon, 20–30 volunteers - including makers, accessibility advocates, and individuals with visual impairments - will work together to assemble BrailleRap machines using open-source designs. The event will conclude with testing by visually impaired users, ensuring accessibility and usability.

As part of the hackathon you will:

- Work with experts in accessibility, health policy, and innovation.
- Develop and test real-world solutions to improve public health equity.
- Contribute to the donation of functional Braille embossers to Ligue Braille and Université Libre de Bruxelles (ULB).

The hackathon will be led by open-source hardware and maker movement pioneers Stéphane Godin (BrailleRap Project) and Hugues Aubin, who initiated this project in 2016.

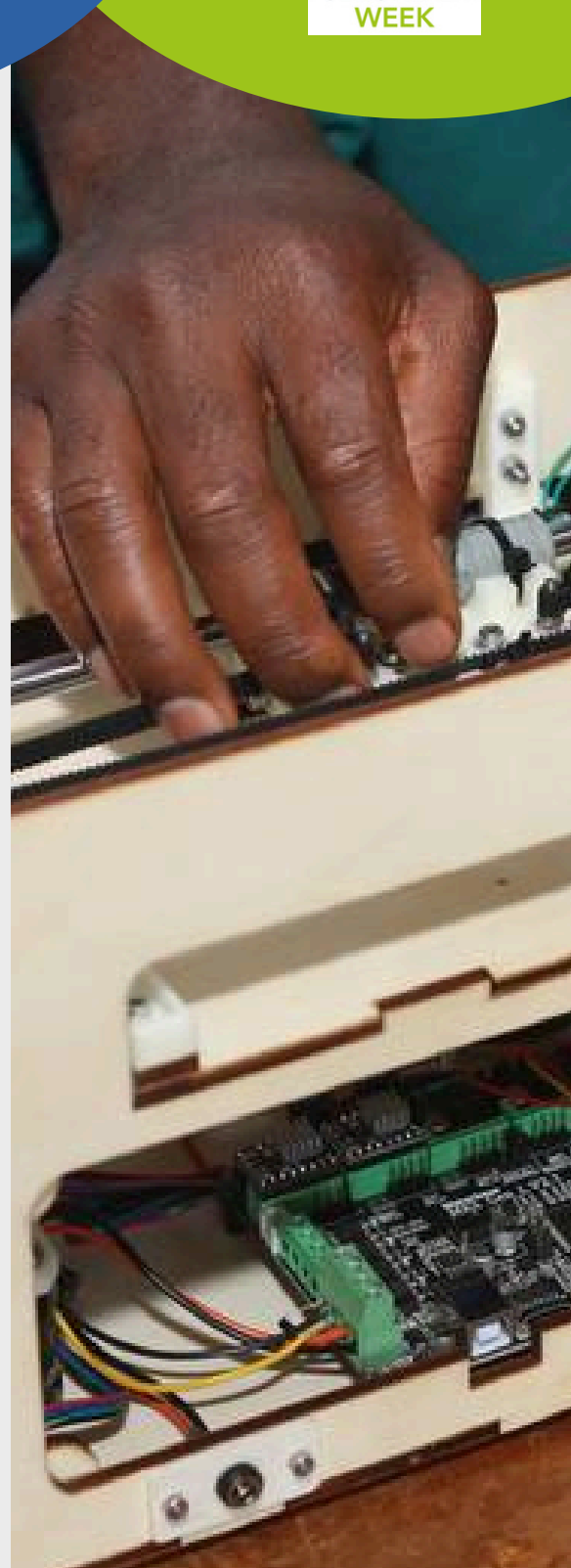


Photo credit: Braillerap.org / CCLab

What is BrailleRap?

BrailleRap is an open-source, low-cost Braille embosser developed using 3D printing and accessible hardware. It empowers blind and visually impaired individuals by providing an affordable, locally maintainable way to access printed information.

Ensuring equal access to healthcare and health information is a fundamental pillar of public health. The BrailleRap project was established to address critical gaps in accessibility, particularly for individuals with visual impairments. By leveraging open-source technology and community-driven innovation, the project has already made strides in creating affordable, 3D-printed Braille devices.

Why this matters

- Public health is about people and equity. Ensuring equal access to health information is a core pillar of public health.
- Innovation drives resilience. Open-source, community-driven solutions can scale across Europe and adapt to diverse needs.
- Collaboration strengthens impact. By bringing together different expertise, we can drive meaningful change.
- EUPHW belongs to everyone. This event is an opportunity for all to contribute to a more inclusive public health system.

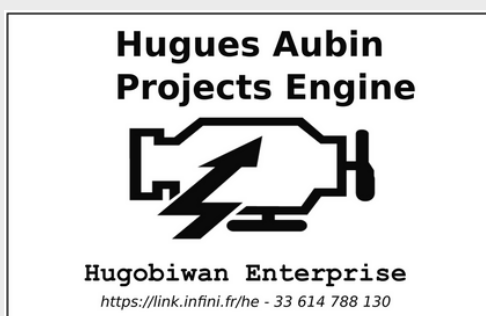
Join us in **turning knowledge into action**. Let's build a future where **health is truly accessible for all**.

Spots are limited - [sign up now](#) and help shape a more inclusive future for public health!

THE BRAILLERAP HACKATHON

We are grateful to all the supporting organizations that help bring the EUPHW BrailleRap Hackathon to life.

Designed by:



With support from:



BrailleRap is supported by:

