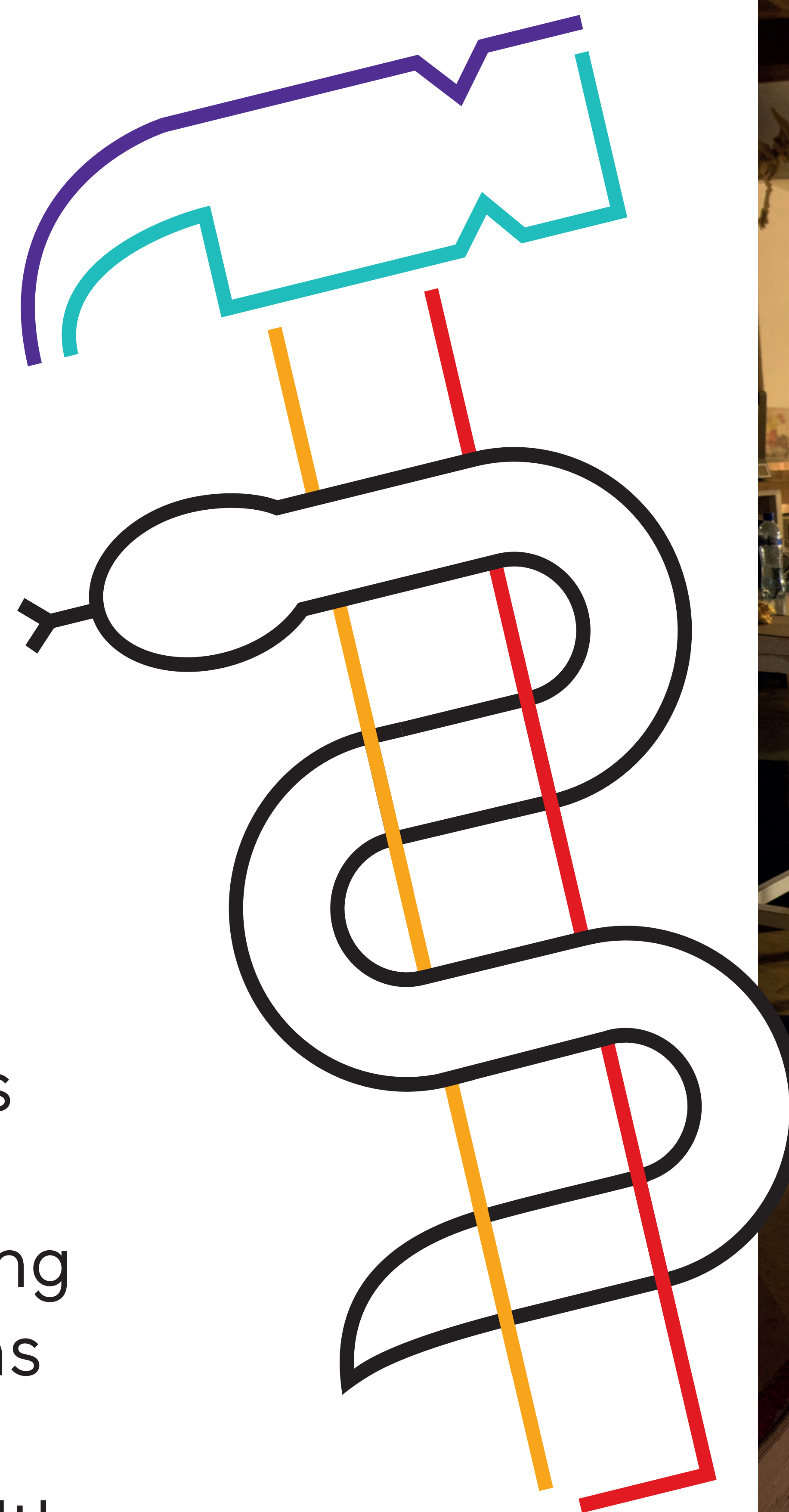


MakeHealth Prototyping

For a growing group of citizens, products and services in healthcare are either too expensive, do not match their needs, or do not exist yet. Due to the rise of digital fabrication and access to knowledge by the Internet everyone is able to make almost anything. Big

laboratories or industries are no longer a prerequisite in doing so.

MakeHealth facilitates citizens in designing, developing and making personalised solutions and medical devices that benefit their health and wellbeing.



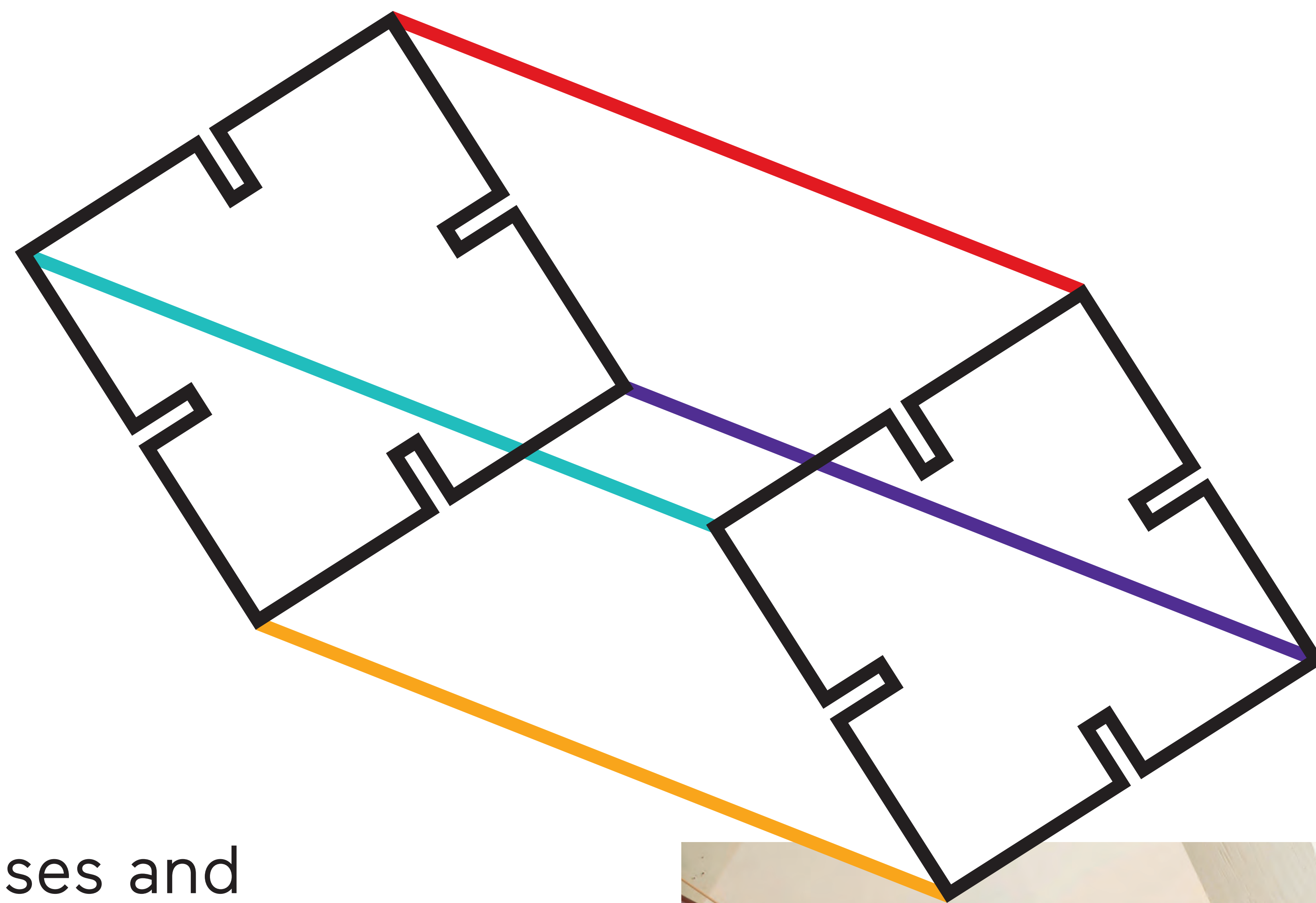
Debby Marchena lives in Amsterdam and has a visual impairment. Earlier this year, she was struck by a motorist who hadn't seen her in the dark. In order to increase the visibility of people with visual impairments, Marchena wanted to make her cane light up at night. Now her Jedi-style, luminous white cane should help to prevent future accidents.



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Maker Culture



Through digital fabrication, sharing knowledge and open source hardware, we are able to make (almost) everything. Waag explores technologies, hardware, production

processes and materials accessible for the public. In our Fab-, Textile- and WetLab, we provide knowledge and a climate for experimentation and creative processes.



At Waag TextileLab, researchers, artists, engineers and creatives explore the future of the textile and clothing industry. We experiment with craftsmanship, heritage, technology, digital fabrication, and biology. We share our knowledge and push the boundaries of the industry.

Citizens have a major role to play in addressing the challenges in creating a sustainable future. It is by 'doing science together' that we combine our resources and expertise to raise awareness and build capacity and innovative lasting solutions grounded in society. The simplicity and low costs of many techniques make it possible to carry out biotechnology experiments outside laboratories or research institutions. This BioHack kit is open source, and allows everyone to experiment with the technology and get involved in the ethical choices behind biotechnological research.

Waag offers a 10-week BioHacking course: BioHack Academy
Check out the tools on github.com/biohackacademy



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Smart Citizens Lab



Smart Citizens use tools and applications to map their world and surroundings. In the Smart Citizens Lab Waag collaborates with scientists, designers and citizens. Working on themes such as air quality, condition of drinking water and noise pollution in cities.

Next to the technology we develop, the community part is crucial to the success. Getting citizens on board, developing strategies and turning data into actions are crucial phases of our design process.



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