

## WINNER AND FINALISTS OF THE 2022 EDITION AFRICA PRIZE FOR ENGINEERING INNOVATION

The United Kingdom's Royal Academy of Engineering announced the [Winner and the 15 finalists of the 2022 edition of the Africa Prize for Engineering Innovation](#). The Africa Prize supports African innovators who are developing engineering solutions to local challenges, demonstrating the importance of engineering as an enabler of improved quality of life and economic development.

The innovations of the 2022 Prize tackle challenges central to the United Nations Sustainable Development Goals, such as better access to healthcare, reducing waste, improving energy efficiency and financial inclusion.

These innovative entrepreneurs represent nine countries including Kenya, Togo, South Africa, Nigeria, Uganda, Ethiopia, Ghana, Cameroon, Republic of the Congo. For the first time, Togo and the Republic of the Congo participated in the African Prize. In 2022, the list of innovative entrepreneurs has also achieved an equal gender split, with eight women and eight men in the running for finalists.

[The winner of the Africa Prize 2022](#) is the mechanical engineer Norah Magero from Kenya, who developed the VacciBox, a solar-powered fridge. VacciBox is a small, mobile, solar-powered fridge that safely stores and transports temperature-sensitive medicines such as vaccines, for use in field vaccinations and in off-grid hospitals. The engineer Magero and her team developed the VacciBox to help get essential vaccines to communities where cold-chain infrastructure is lacking, to be used by travel clinics to ensure that everyone has the opportunity to be fully immunized.

The 40 litre VacciBox is portable and lightweight. It can be wheeled or mounted on a bicycle, motorbike or boat, and has a telescopic handle for easy mobility. A built-in thermostat and digital thermometer maintain temperatures required for cold-chain medicines, a battery supply as well as mains and solar panel connectivity and a charge controller, ensure power stability. It can also transport blood and tissue and can be monitored remotely to ensure reliability.

The website also presents [all the innovative solutions created by the 15 finalists of the African Prize 2022](#).

The Africa Prize selects innovators from across the continent and provides training and mentoring to help turn engineers with incredible ideas into successful entrepreneurs. After an eight-month period of tailored training and mentoring to help the selected innovators accelerate their businesses, the process culminates in a showcase event where a winner is selected. Starting in 2021, for the past eight months, the 16 talented entrepreneurs shortlisted by the 2022 edition of the Africa Prize for Engineering Innovation have undertaken intensive training and mentoring from international business leaders and experts.



[The Africa Prize for Engineering Innovation was launched in 2014](#) by the United Kingdom's Royal Academy of Engineering to stimulate, celebrate and reward innovation and entrepreneurship in sub-Saharan Africa. The Prize provides financial support to African innovators who develop solutions to improve living conditions in rural areas. Since its launch, the prize has supported projects that should impact close to three million people and generate 500 jobs.

For many of the participants, the Africa Prize has paved the way for further opportunities for financing and growth and equipped them to join a global network of exceptional engineers, researchers and innovators supported by the Academy.

[Applications for the Africa Prize for Engineering Innovation 2023 are now open.](#)

**To know more**

[News in Africa Prize website](#)

[Winner of the Africa Prize 2022](#)

[Africa Prize for Engineering Innovation](#)

[Five Years of the Africa Prize](#)

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