

RESEARCH AND DEVELOPMENT FUND PROJECT SPOTLIGHT

JIROGASY

JIRODESK V2 - SOLAR POWERED COMPUTERS TO ENABLE DIGITALISATION IN THE OFF-GRID MARKET

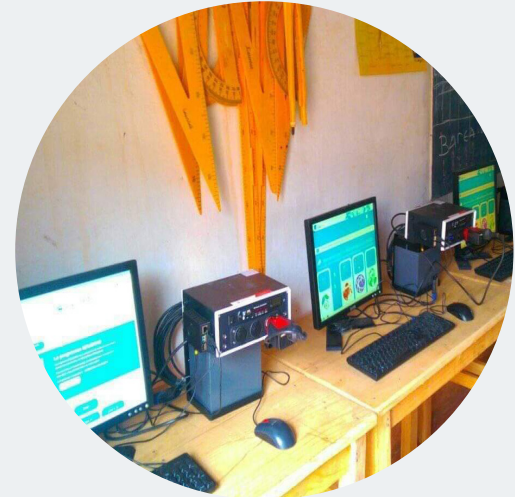
Jirogasy's project focuses on inclusivity with the goal of digitising all schools in off-grid areas across Madagascar and Africa.

Computers currently available on the market are not energy efficient and cannot be powered by solar home systems due to their high energy consumption. While digital appliances such as radios, televisions and fans are increasingly affordable and available on the off-grid market, computers are falling behind.

Jirogasy is passionate about enhancing access to computers and digital literacy, which will help improve educational equity across Africa. In an increasingly globalised world, computers help people stay connected, acquire knowledge, and enhance their employability. As a result, it is important to help children use computers in schools across Africa.

By developing solar-powered computers, Jirogasy aims to reduce inequalities between off-grid areas and the rest of the world. These computers will help people in off-grid areas access widely available digital information.

Having already built a first version of their computer, Jirogasy aims to develop an all-in-one PC. It will combine a solar home system, a motherboard integrated behind a Touchscreen, and a Pay-As-You-Go module. A prototype will be deployed in schools for a pilot project. Once the pilot is complete, Jirogasy aims to provide computer access to over 10,000 students in Madagascar per year.



AT A GLANCE

R&D Awardee

Jirogasy

Efficiency for Access Funding

£110,898

R&D Funding Unlocked from Jirogasy

£12,322

Project Location

Madagascar