

**Project Developer**  
Tespac

Tespac is a Finnish company that designs and manufactures portable, solar-powered, energy-storage solutions for off-grid workers.



# SOLAR MEDIA BACKPACK



This project aims to demonstrate a unique and portable energy-storage solution that can turn any room into a classroom. Tespac will distribute its Solar Media Bag (SMB) to new markets in Zambia and Uganda. Each SMB includes 80 W solar panels, a projector, speakers and modular power banks. The SMB is specifically designed to be used by teachers and healthcare workers in rural off-grid areas. EEP Africa financing will enable Tespac to finalise product development, collect evidence and feedback from the field, and prepare for full-scale commercialisation.

**Total Project Budget**  
EUR 300 000

**EEP Africa Financing**  
EUR 210 000

**Project Partners**  
Plan International

**Type**  
Demonstration project  
Stand-alone

**Project Code**  
REG16962



**Technology**  
Solar PV

**Location**  
Zambia, Uganda



## Outcome and Impact

This project will deploy 10 units of the Solar Media Bags to test and refine the business model. The product has strong potential to contribute to improved education and health by providing a portable electricity solution for schools, clinics and humanitarian agencies in off-grid areas. There is high potential for scale-up and Tespac aims to secure investments for a full commercial roll-out.

EEP Africa is a financing facility for early-stage clean energy projects in Southern and East Africa. It is hosted and managed by the Nordic Development Fund (NDF) with funding from Austria, Finland and NDF.