Greenwheel

Provide electricity to low-income, off-grid rural Beninese widows and female entrepreneurs

The GreenWheel 2025 project

A rural electrification project with a strong social dimension

1 **Instal ~100 solar kits** for households & SMEs, with our local Beninese partner

2 **Co-financing 80/20** : 80 % Greenwheel/ 20 % beneficiary

3 **2 female Beninese students** will join the team

Who receives these co-financed kits? **Households** and **SMEs** :

- **People seeking** ⚡ in **rural areas** without current nor upcoming connection to the grid
- GreenWheel focusses on single mothers and widows living below the poverty threshold

This is only the beginning!

- Continuation of a previous mission
- The ambition to launch many future projects with GreenWheel

Context

43% of the Beninese population doesn't have access to electricity, which represents 6.1 million people in 2023

🕵️ Why?

- The **electrical grid** has not been extended to many rural regions
- **Electricity is too expensive** for the 4,6 million people living below the poverty threshold (<1,2 €/jour)

⚡ Why is electricity a necessity?

Education: enables studying afrer dark, typically starting around 7pm

Revenue generation: by offering phone charging as a service

Health : replace kerosene lamps with healthier LED lighting

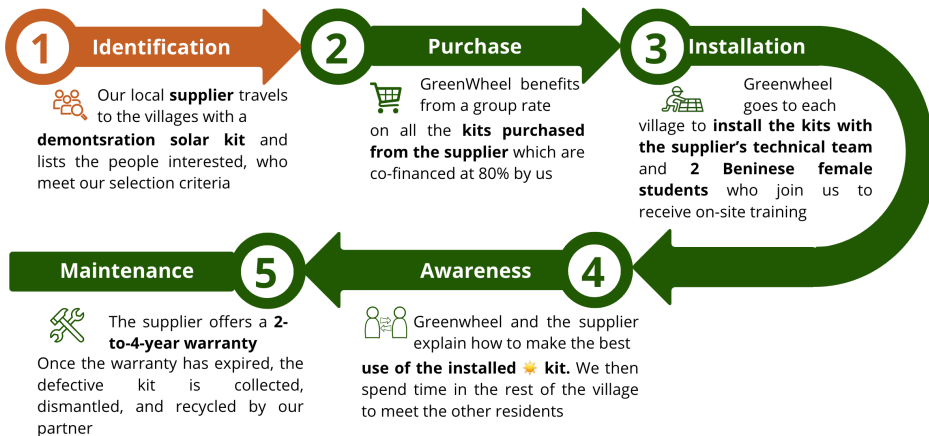## Who are these two dudes?

Diego Vermeire
Part energy nerd, part globe-trotter. He's moved 6 times in 5 years chasing projects, power grids, and the perfect coffee. Just don't ask him to stand still for too long.

Baptiste Lucas
A curious adventurer and growing AI talent. He likes almost everything except disorder, due to his Alsatian genes... If you want to see him, just ask and he'll come to you!
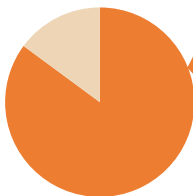
The process of purchasing and installing the ☀ kits

1 Identification

👥 Our local **supplier** travels to the villages with a **demontsration solar kit** and lists the people interested, who meet our selection criteria

2 Purchase

🛒 GreenWheel benefits from a group rate on all the **kits purchased from the supplier** which are co-financed at 80% by us

3 Installation

Greenwheel goes to each village to **install the kits with the supplier's technical team** and **2 Beninese female students** who join us to receive on-site training

5 Maintenance

🛠 The supplier offers a **2-to-4-year warranty** Once the warranty has expired, the defective kit is collected, dismantled, and recycled by our partner

4 Awareness

👥 Greenwheel and the supplier explain how to make the best **use of the installed ☀ kit.** We then spend time in the rest of the village to meet the other residents

What does my donation correspond to?

A budget of 27.5k€ , of which 85% is used to finance solar kits

■ Solar kits
■ Trip

Kit type	Cost	Contents
Household	150 €	• Solar panels
		• Lightbulbs
		• Batteries
SME	330 €	• USB port + charger

♻ If I donate, what do I get back?

- **Tax deduction of 66% in** 🇫🇷: 100 € actually costs you 34€
- **Tax deduction of 45% in** 🇧🇪 for donations > 40 €
- A **thank-you letter** from the **beneficiary** you helped
- Access to our **weekly newsletter** for the duration of the project
- A **permanent spot** in our ❤ (yes, it's 100% exclusive!)

🙀 Have we convinced you? 🙀
Click here to donate!

Last year's project

74 kits for households
15 kits for SMEs
across Benin and Togo

Seb and Loïs, the founders

" I am a mother of two and a hairdresser in Soana. My safety is at risk when night falls. Now it will be improved, and I will be able to continue braiding hair at night. Thank you for allowing me to earn more income."
Francine Zinsou

"The LED lights and solar kit I received will allow my children to study their lessons, and it will also help me when cooking in the dark."
Assindah Amoyo

"You cannot imagine how timely this gift was! I am a volunteer teacher and I can now prepare my lesson plans and grade students' work at night; my wife can light up her kitchen and my two daughters can study and play in the evening."

Afi Follikpo

Want to know more?

- Read the report on electrification in Benin here
- Also check publications from *Connaissance des Energies* on the impact of off-grid solar in Africa
- Or **contact us directly**, we have **spoken with 22 key stakeholders** to understand the problem