



KliK Foundation

How to access funding?

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Who is the KliK Foundation?



- ▶ Private entity established in 2012 to fulfil legal compensation obligation
- ▶ Acting on behalf of Swiss motor fuel importers
- ▶ Compensating transport sector's emissions in Switzerland and abroad
- ▶ Compensation abroad under Article 6 of Paris Agreement through purchase of ITMOs
- ▶ ITMO = Internationally Transferred Mitigation Outcome (carbon credit equalling 1 tCO₂e)
- ▶ Obligated by Swiss law to buy 20 million ITMOs abroad (t CO₂e until 2030)
- ▶ ITMOs are used by Swiss government to fulfil its NDC target under the Paris Agreement.

KliK Foundation: Our portfolio

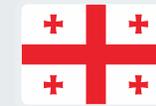


- ▶ Solar PV programs: Ghana, Dominica
- ▶ Biogas: Senegal, Morocco, Peru, Malawi, Georgia (in preparation)
- ▶ Energy Efficiency for SMEs: Morocco, Peru
- ▶ Energy Efficiency in buildings: Georgia
- ▶ Electric Mobility: Thailand, Senegal, Dominica
- ▶ Waste management: Ghana, Senegal, Morocco, Dominica
- ▶ Clean cooking: Malawi, Ghana
- ▶ Green credit lines: Morocco, Peru
- ▶ Green cooling: Ghana
- ▶ AWD: Thailand, Peru (both in preparation)

Cooperation under bilateral climate protection agreement with Switzerland



Dominica



Georgia



Ghana



Malawi



Morocco



Peru



Senegal



Thailand



Ukraine



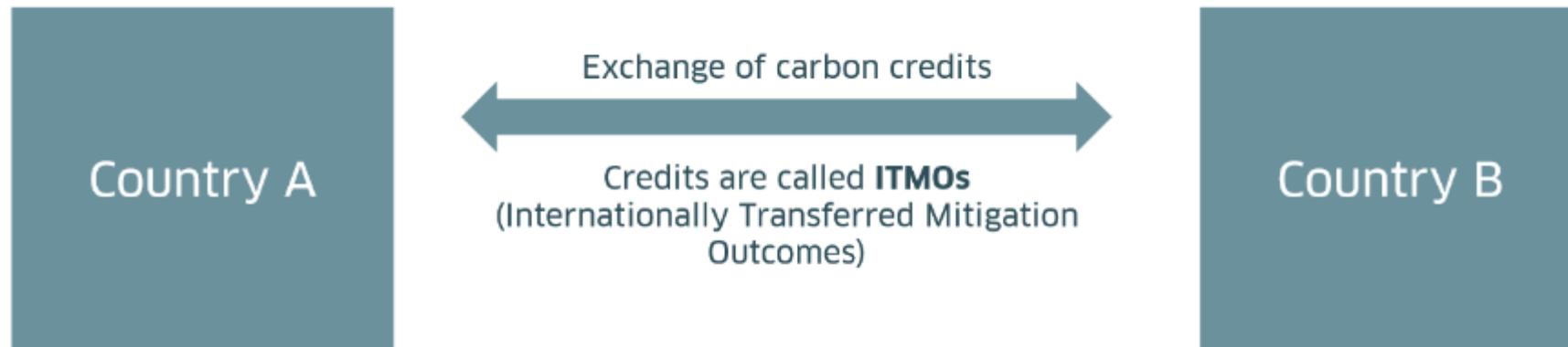
Uruguay



Vanuatu



Carbon Markets according to Article 6-Cooperation



- ▶ **Paris Agreement** allows **countries** to **cooperate** on a voluntary basis
- ▶ Aim to **fulfil** both **countries'** **NDC** at lower total cost (efficient global mitigation)



What is KliK trying to achieve?



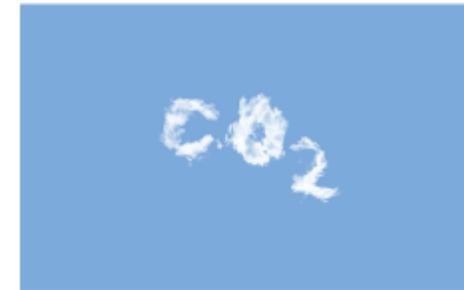
UNLOCK



INVESTMENT



REDUCE



CO₂

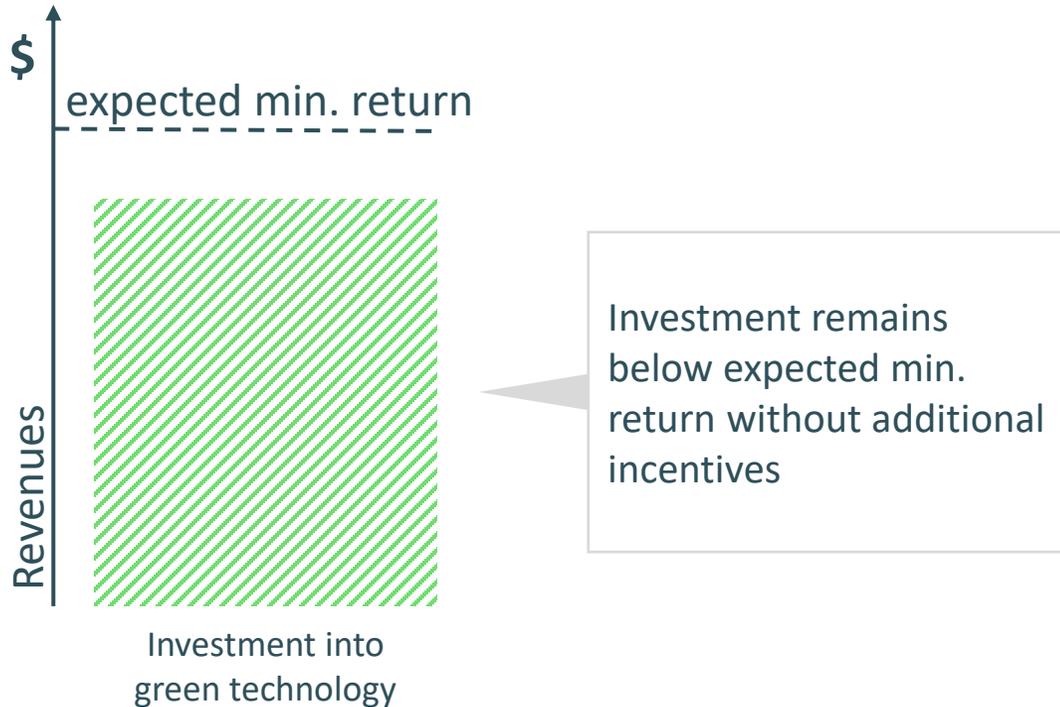
-
- ▶ Engage **host country's business sector** to make **investments in green technology**
 - ▶ **Green investments** must become **economically attractive**:
 - ▶ Direct cost savings or additional returns (utility bills, resource efficiency, power production etc.)
 - ▶ Quality increase (through better machinery etc.)
 - ▶ Improved working conditions (air quality, work safety etc.)
 - ▶ Better reputation (positioning in market as sustainability leader etc.)



What is KliK looking for?



- ▶ investment opportunities which improve operations and reduce emissions
- ▶ technologies which are financially not viable at the moment
- ▶ implementable solutions with short lead times



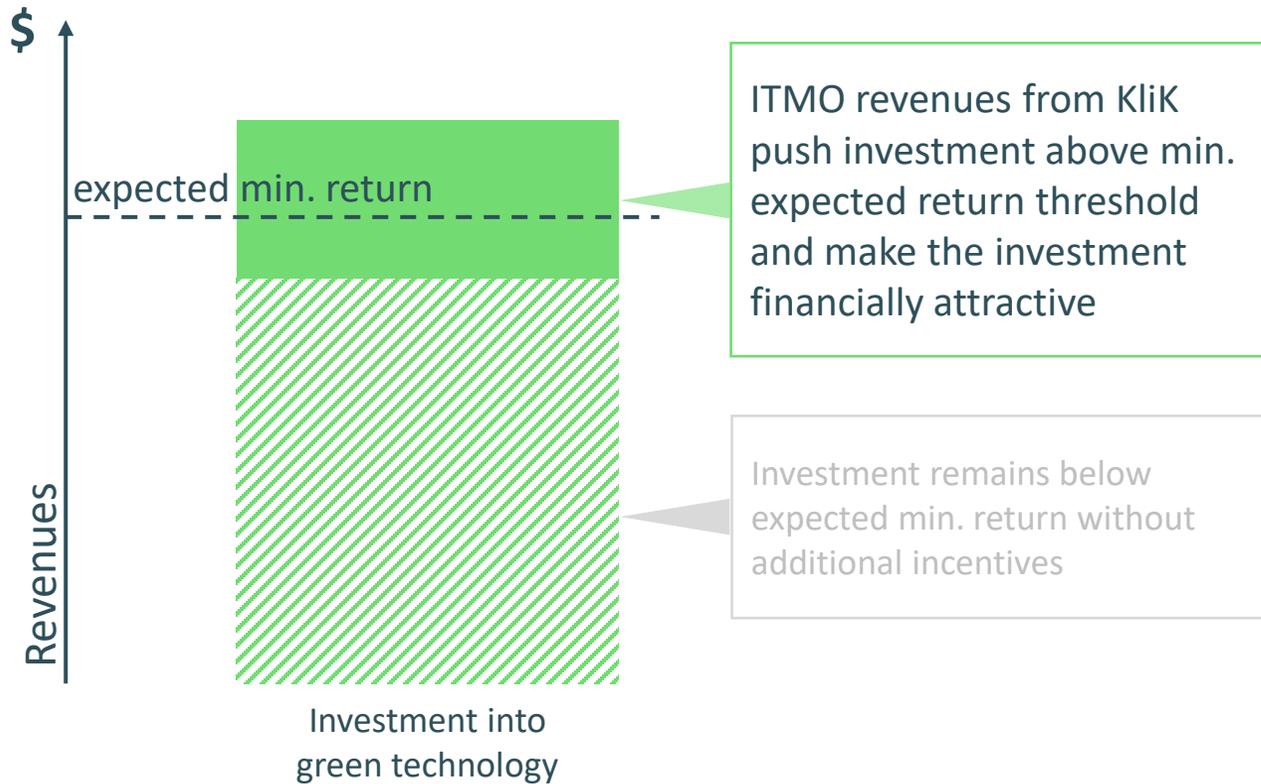
Programme Types of Interest

Solar PV	Biogas
Clean Cooking	Industrial Energy Efficiency
Organic Waste	Alternate Wetting and Drying
Electric Mobility	CO ₂ Reduction in Cement Production
Buildings Efficiency	Green Cooling
District Heating	Your Own Idea



What is KliK offering?

➔ financial support to trigger green investments



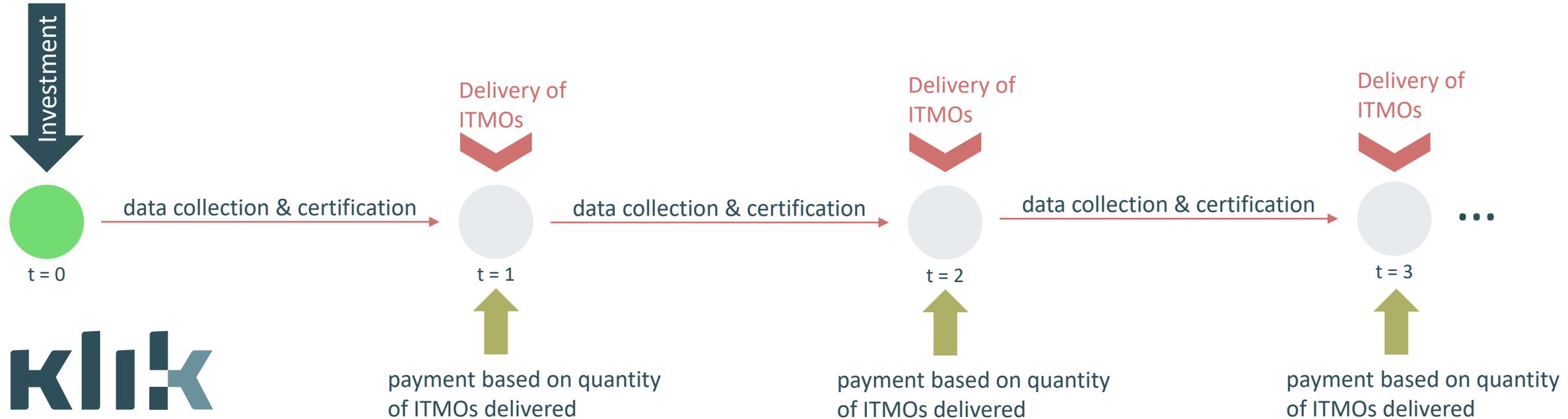
- ▶ only new investments can be supported, no existing activities
- ▶ it has to be shown that ITMO revenues lead to action that is not happening anyways
- ▶ the project needs to transition completely away from fossil fuels
- ▶ pricing of the ITMO revenues according to the additional costs of the green investments
- ▶ no direct investments from KliK Foundation but additional revenue source from ITMOs
- ▶ compliance with criteria for ITMO transfers of Morocco and Switzerland



When are the payments made?

Annual payments under a purchase agreement (MOPA) between the Company and the KliK Foundation until 31.12.2030

Company/investor



Quantification is based on existing methodologies from the CDM/GS/Verra and might be subject to additional requirements from MTEDD or FOEN.



Project ideas based on Morocco's NDC

► Morocco's NDC provides a strong guidance on eligible (conditional part) and ineligible projects (unconditional part)

Sector	Unconditional	Conditional	Additional measures
Electricity generation	Combined-cycle power plants (2030) Hydropower (2030)	Wind power (2030) Solar power (2030)	eBusses on urban or inter-urban routes eMobility for delivery services (2-wheelers, food delivery etc., postal services etc.)
Industry	Energy efficiency programme Performance standards (MEPS) for electr. motors > 75kW	Switch to natural gas Valorisation of biomass in the industry	Green cooling solutions, replacing high-GWP refrigerants
Cement	Utilization of used tires Valorisation of sludge from WWTP Valorisation of SMW of Oum Azza landfill Valorisation of olive pomace Fly ash recovery	Installation of solar PV for captive use	Small-scale biodigesters in the agricultural sector Biomass as a fuel (e.g. biomass briquettes) Waste water treatment
Phosphate	Slurry pipeline Cogeneration Solar energy	Solar drying of phosphate CCU	Landfill gas to energy Waste heat recovery in industry LC3 in cement sector
Buildings	Introduction of LED lamps in the residential sector (2030) Performance standards for refrigerators (MEPS) Performance standards (MEPS) for air conditioners Energy efficiency of new buildings (envelope) Energy efficiency in hotels	Installation of solar PV for captive use in the residential sector Energy efficiency in public lighting	
Transport	Extension of tramway in Rabat and Casablanca	Improvement of environmental norms of vehicles System bonus-malus Improvement of professional road transport fleet Eco conduite CO2 emission performance standards	
Waste		Collection of biogas from WWTP MBT and co-incineration of SMW	
Agriculture	Various programmes (olive, fruits, citrus, dates)	Various programmes 40 MW wind park for desalination plant in Dakhla	
Forestry		Not eligible under Swiss legislation	



Conclusions of NDC implications

- ▶ **Unconditional measures:** primarily used to fulfil Morocco's NDC target
- ▶ **Conditional measures:** in-principle open for Article 6.2 activities subject to expression of interest from the Moroccan government
- ▶ **Additional measures:** in-principle open for Article 6.2 activities subject to expression of interest from the Moroccan government



KliK guidance

- ▶ Time is of the essence, time frame until 2030!
- ▶ Projects must be implementable within reasonable timeframe
- ▶ Projects must have a certain scale or be aggregated in a programme (cumulative > 250k t CO₂e until 2030)
- ▶ Based on our experience the following project types have potential:
 - ▶ **solar PV**: KliK is working on a dedicated solar PV programme for captive use
 - ▶ **Renewable energies**: battery solutions, solar water irrigation
 - ▶ **eMobility**: eBus routes between cities, urban transport, eMobility in vehicle fleets (e.g. delivery)
 - ▶ **Fossil-fuel replacement in industry**: valorisation of biomass, electrification, RDF, replacement of gensets
 - ▶ **Green cooling**: replacement of ACs with green ACs with higher EE and climate friendly refrigerants
 - ▶ **Methane avoidance**: composting, wastewater treatment, biogas generation, LFG to energy, manure management
 - ▶ **Cement**: RDF, LC3 technology



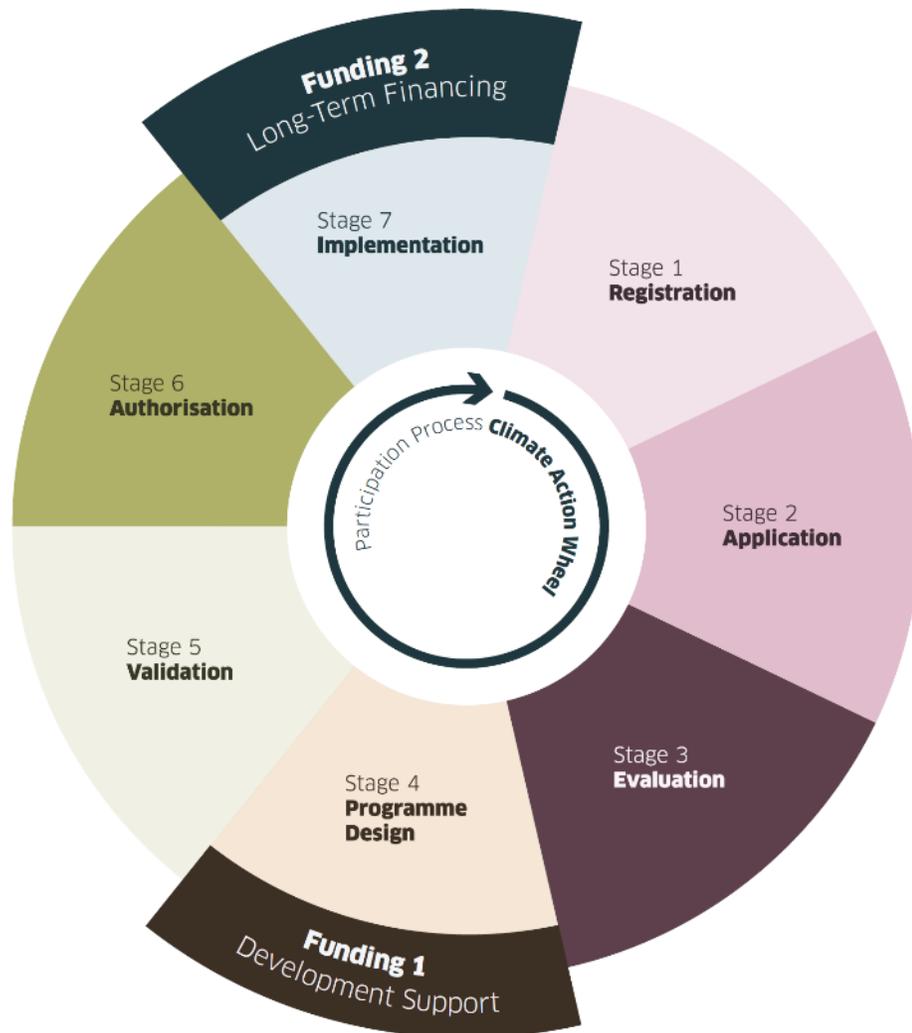
Klik Foundation Morocco platform

► www.morocco.klik.ch/

The screenshot shows the homepage of the Klik Foundation Morocco platform. The header is dark red with the 'klik MOROCCO' logo and a 'Register/Login' button. A navigation menu includes 'News', 'About us', 'Participation', 'Activities', 'Contact', and 'الصفحة الرئيسية'. The main content area features a large red banner with the headline 'Cooperating on climate change mitigation in Morocco' and a 'More' link. To the right is a photograph of a cityscape. Below the banner, the 'Morocco Platform' section is introduced with a paragraph: 'This platform serves to set up and oversee climate mitigation activities in Morocco supported by the Klik Foundation under the bilateral climate protection agreement between Switzerland and Morocco. It further provides information on current activities and general news.'



Climate Action Wheel



- ▶ Initial feedback from KliK
- ▶ Submission of proposal
- ▶ Request for Letter of Intent from MTEDD/FOEN
- ▶ **Funding 1:** up to 150k USD for development of project documentation
- ▶ Validation by auditing company
- ▶ Request for Authorisation from MTEDD/FOEN
- ▶ **Funding 2:** Purchase agreement (MOPA) between KliK and project owner
- ▶ Implementation and verification
- ▶ www.morocco.klik.ch/participate



Energy Efficiency Fund Morocco

- ▶ The **Energy Efficiency Fund (FAEE)**, an innovative financing facility provides the business environment for **energy service companies (ESCOs)** to capitalize on energy saving gains in industrial installations.
- ▶ ITMO revenues are used to **shorten pay-back periods** for certain types of measures
- ▶ **Detailed programme structuring** in preparation (methodology, institutional setup, business case)
- ▶ **Project developers:** Attijari Bank, South Pole, Econoler
- ▶ ITMO volume: **~0.20m tCO₂e**
- ▶ Term: **2023-2030**



Image: Econoler



Organic Waste to Energy

- ▶ The **Organic Waste to Energy (OWtE)** programme aims at transforming organic market and slaughterhouse waste streams into biogas to produce renewable energy.
- ▶ ITMO revenues are used to **increase profitability** of operations to attract investments
- ▶ **Detailed programme structuring** in preparation (methodology, institutional setup, business case)
- ▶ **Project Developers:** GGGI, First Climate, MS Conex
- ▶ ITMO volume: **~0.20m tCO₂e**
- ▶ Term: **2023-2030**



Image: 2G, WELTEC Biopower, Generizon



Selected programmes



Thailand: Bangkok e-bus programme



Ghana: green AC programme



Senegal: Composting programme



Malawi: Dairy biogas programme



Next Steps

- ▶ Identification of suitable project ideas
- ▶ First feedback from KliK
- ▶ Partnering with carbon project developer
- ▶ Registration on platform
- ▶ **Launch of Call for Proposals**
- ▶ Submission of project proposal during CfP
- ▶ Disbursal of Funding 1 to support development of proposals

Contact

Keep informed of the KliK Foundation's activities in Morocco. The KliK Foundation uses its newsletter to communicate general developments in its international activities.



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Carbon Procurement

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