



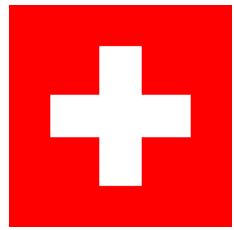
Thailand and Switzerland walking the talk: example of cooperation on e-buses in Bangkok under the Article 6.

Vicky Janssens, General Manager Southeast Asia
Facilitating the Growth of Thailand's Carbon Market Seminar
Stock Exchange Thailand
19 June 2023

KliK



Who is the KliK Foundation?



Transport sector



CO₂ law



USD/litre

Levy on motor fuels



COMPENSATION

- ▶ Private entity established in 2012, with a legal mandate under Swiss CO₂ Law
- ▶ Acting on behalf of Swiss motor fuel importers
- ▶ Compensating emissions from the Swiss transport sector in Switzerland and abroad
- ▶ Compensation abroad under Article 6 of the Paris Agreement through purchase of ITMOs – *International Transferred Mitigation Outcomes* (carbon credit equalling 1 tCO₂e) with partner countries that have signed a bilateral agreement with the Swiss Government.
- ▶ Obligated by Swiss law to buy ca. 20 million ITMOs abroad (t CO₂e until 2030, 3-5 mio in Thailand)
- ▶ ITMOs are sourced by KliK Foundation from programmes implemented in Thailand and used by Swiss Government to fulfil a part of its NDC target under the Paris Agreement.

Requirements: General Eligibility Criteria



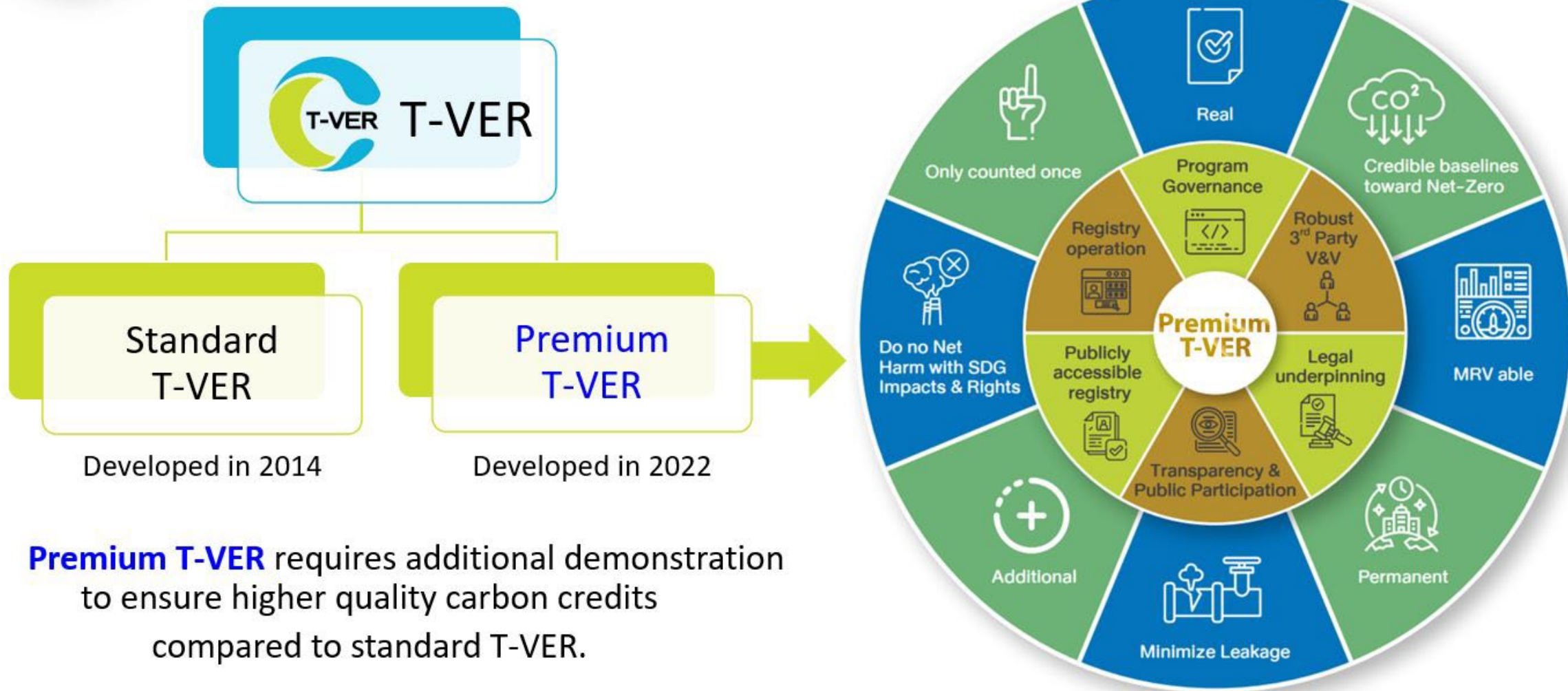
- ▶ **Aligned with Thailand's NDC**
- ▶ **Raise ambition:** beyond unconditional NDC targets
- ▶ Programmes **must** be (financially) **additional** (no business-as-usual)
- ▶ **Programmes** not yet implemented
- ▶ No **double claiming** nor **double counting**
- ▶ Large programmes/projects (**500'000 t CO₂** reduced until 2030)

Criteria under Swiss CO₂ Law

- ▶ No hydro-power **bigger than 20MW**
- ▶ **No forestry (no biological sequestration)**
- ▶ No nuclear power and no fossil fuel lock-in



Ensuring high-integrity mitigation outcomes



Premium T-VER requires additional demonstration to ensure higher quality carbon credits compared to standard T-VER.

Further information: <https://ghgreduction.tgo.or.th/th/premium-t-ver.html>

KliK Foundation: Our Portfolio

- ✓ Solar PV programs: Ghana, Dominica
- ✓ Biogas: Senegal, Morocco, Peru
- ✓ Energy Efficiency for SMEs: Morocco, Peru
- ✓ Energy Efficiency in buildings: Georgia
- ✓ Electric Mobility: Thailand, Senegal, Dominica
- ✓ Waste management: Ghana, Senegal, Morocco
- ✓ Clean cooking: Malawi, Ghana
- ✓ Green credit lines: Morocco, Peru
- ✓ Green cooling: Ghana
- ✓ **Looking at in Thailand: AWD, green cooling/heating, biofuels, sustainable cement, e-trucks, cooling district, biogas, waste to energy, solar PV with battery storage ...**

Current Partner Countries

Cooperation Under Bilateral Climate Protection Agreement With Switzerland



Dominica



Georgia



Ghana



Malawi



Morocco



Peru



Senegal



Thailand



Ukraine



Uruguay



Vanuatu

1st authorized program in Asia under Art 6 framework



- ▶ The mitigation outcomes units from this program are inside Thailand's NDC and **surplus to its unconditional NDC**
- ▶ By **purchasing the resulting emission reductions**, the KliK Foundation provides the **necessary additional revenue stream** to make the programme financially viable.
- ▶ **ITMO Purchase Agreement** between KliK Foundation and Thai company Energy Absolute signed in June 2022
- ▶ Term : Oct **2022** - Dec **2030**
- ▶ **ITMO volume: min. 500'000 tCo2e**
- ▶ **Number of buses:** minimum 1900 e-buses on 122 (existing and new) privately operated bus routes
- ▶ Further information:
<https://www.international.klik.ch/news/publications/bangkok-e-bus--337>



Bangkok's first 40 electric public buses begin service today, said Transport Minister Saksayam Chidchob, adding that it marks an important shift away from polluting diesel engines.

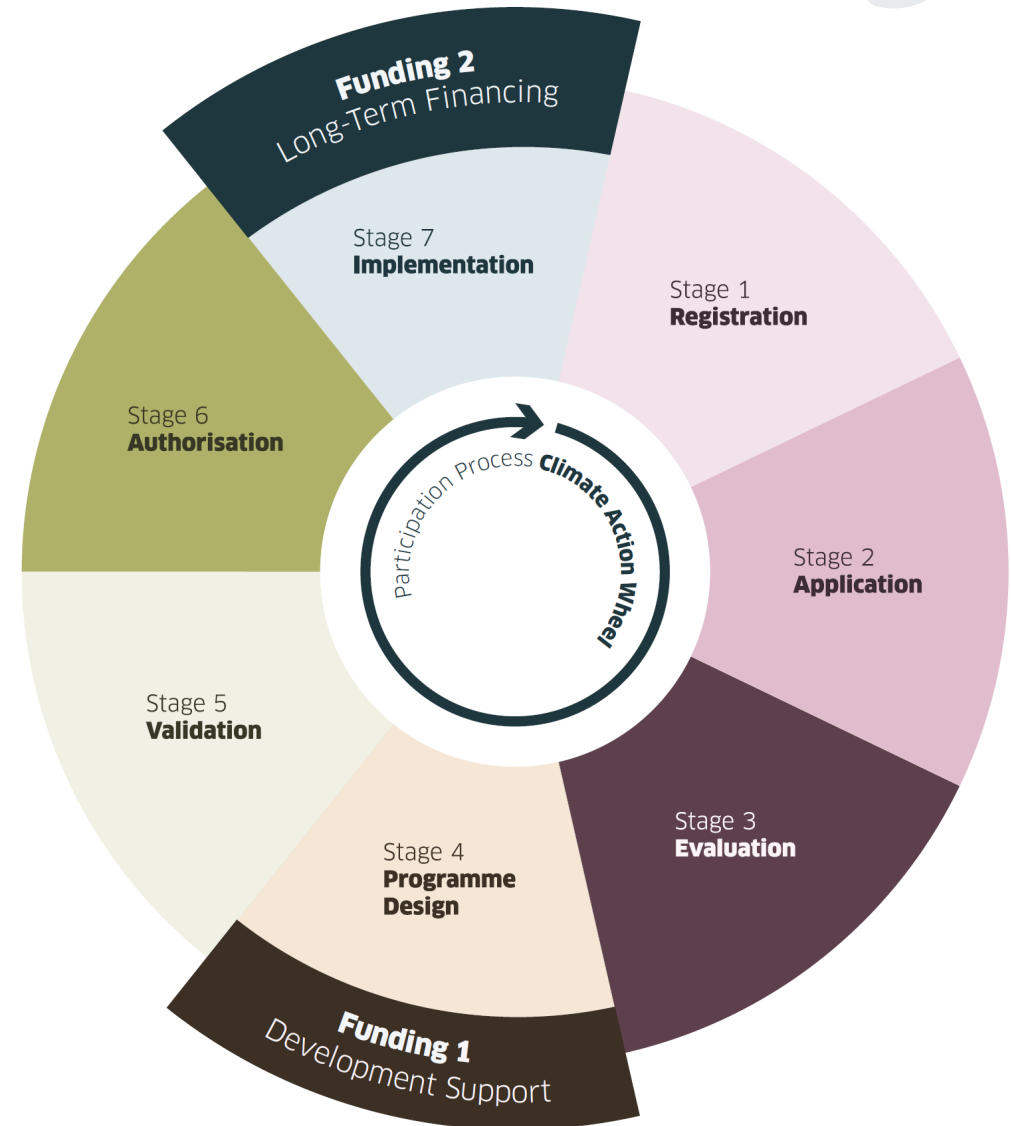
Procurement Process - The Climate Action Wheel



General process comprises these main steps:

1. Presentation of programme idea to KliK
2. Funding to develop programme (**Funding 1**)
3. Authorisation of programme by the two governments and long-term financial support from KliK through the purchase of carbon revenues (**Funding 2**)

► thailand.klik.ch/participate

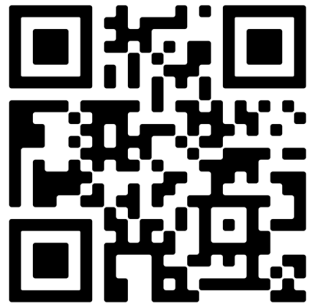




**Foundation for Climate Protection
and Carbon Offset KliK**

Streulistrasse 19
8032 Zurich
Switzerland

international@klik.ch



Newsletter Thailand



Current Activities

General Manager Southeast Asia
Vicky Janssens

vicky.janssens@klik.ch

Mobile: +66 636 75 37 00

Line ID: vicky.janssens

thailand.klik.ch

www.international.klik.ch/en