

Anik Kohli, Juerg Fuessler

Climate Ledger Initiative Knowledge Products on Governance

Zurich, 20 October 2020 – Presentation at Hyperledger Climate SIG



Knowledge products

Climate Ledger Initiative (CLI)

Mission: to accelerate the momentum for climate action under the Paris Agreement by fostering the use of the emerging blockchain technology.

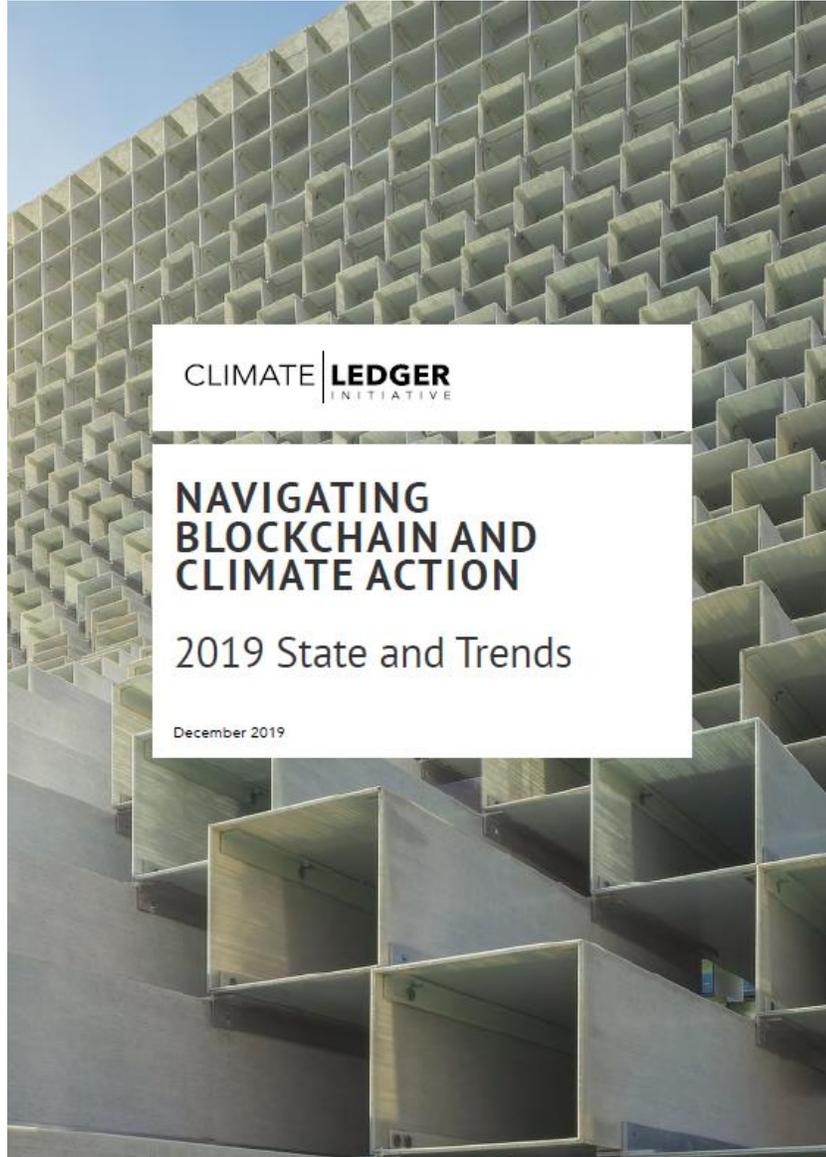
CLI's activities:

- **Analysis and research**
- **Innovation use cases**
- **Platform for exchange and joint learning**

Supported by the Government of Switzerland, Liechtenstein and EU's Climate-KiC.

climateledger.org

Collaboration with Network of partners including UNFCCC Sec., World Bank, Governments, policymakers, stakeholders, technology innovators. Founding member of Climate Chain Coalition.



**2019 CLI Flagship Report
– launched at COP Madrid**

**2020 CLI Flagship Report in preparation
– to be launched End of 2020**

Open call for use cases

See climateledger.org

CLI topics and use cases – CLI Navigating Report

1 BLOCKCHAIN AND DIGITAL MRV FOR CLIMATE ACTION –
MOVING TOWARDS IMPLEMENTATION

2 STATE AND TRENDS OF BLOCKCHAIN AND OTHER INNOVATIVE DIGITAL
TECHNOLOGIES FOR CLIMATE ACTION

2.1 Carbon pricing and interoperability of carbon markets

2.2 Digitizing Measuring, Reporting and Verification (MRV)

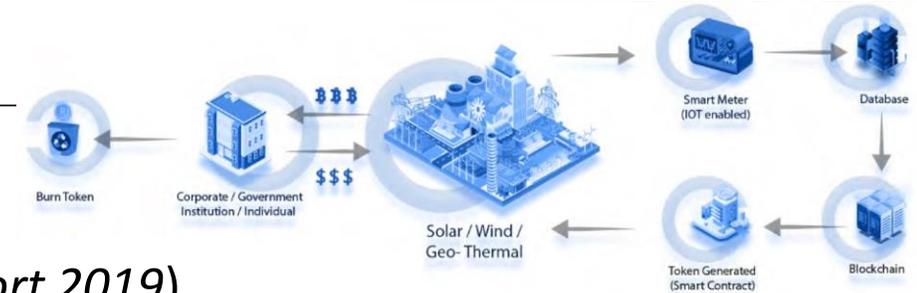
2.3 Blockchain for sustainable supply chains

2.4 Decentralized access to clean energy and finance



PLATAFORMA BLOCKCHAIN CH

1. Mobile numbers will be used to register WTP accounts
2. Generation of GPS coordinates
Longitude/Precision Altitude
3. Timestamp & adding of tree specific information: volume, species
4. Data is stored immediately in a secure, encrypted and temper-proof manner using DLT
5. Visualisation of interlinked WTP data to provide traceability of the timber



CLI topics and use cases – CLI Navigating Report

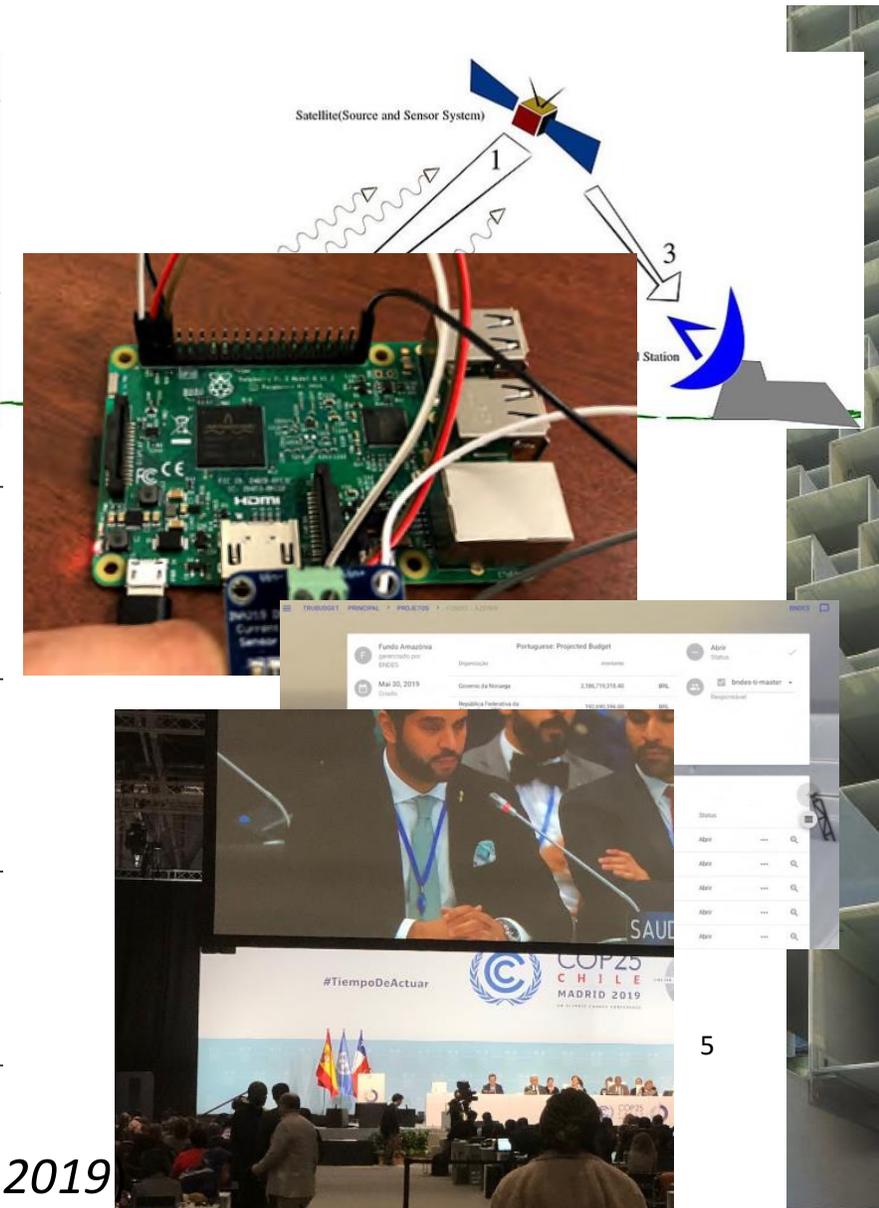
3 FOCUS TOPIC: CRUNCH ISSUES IN DIGITIZING MRV

3.1 Development and adoption of digital MRV approaches

3.2 Securing data entering the blockchain – “Last mile issue”

3.3 Improving climate finance

4 CONCLUSIONS AND OUTLOOK – IT’S ALL ABOUT GOVERNANCE



Knowledge Products on Governance

- Goal:
 - Identifying the main governance issues that currently hinder the development of DLT solutions and other digital innovations in the context of climate action and the implementation of the Paris Agreement.
 - Highlight best practice solutions of our partners (use cases).

- Process:
 - September 2020: Conclude Interviews with different stakeholders, including practitioners, the World Bank, IADB, DLT foundations and INATBA.
 - October 2020 – January 2021: Collaborate with partners (including INATBA in case of interest) to elaborate on specific challenges related to governance and provide use cases and potential solutions to the identified challenges.

Knowledge Products on Governance

- Outcomes:
 - Knowledge Piece on Governance for DLT in Climate Action written by CLI and its partners (February 2021)
 - Chapter on governance for annual CLI flagship report “Navigating Blockchain and Climate Action” (December 2020) that covers state & trends as well as a summary of our activities
- Potential collaboration between CLI and Partners:
 - Inputs and feedback from Partners on the CLI Knowledge Piece

Upcoming joint CLI-INATBA Webinar:
**Blockchain for Climate Action & the
Governance Challenge**

3 November 2020

4.00 - 5.30 pm CET/ 10.00 - 11.30 am EDT

Speakers: Anik Kohli, Marianna Belotti, Jörn Erbguth
Juerg Fuessler (Moderator)

Open call for use cases

See climateledger.org

Juerg Fuessler, Managing Partner
INFRAS, Zurich
juerg.fuessler@infras.ch