

Driving Sustainable Climate Solutions

Asset-Backed Tokenization for Carbon Credits

Mission

Empower organizations to adopt and use token-powered distributed services in their day-to-day business operations

Objective

Demonstrate
relevance of asset-
backed tokenization
for carbon credits

Key Focus

Provision, distribution,
and accounting/reporting
of
carbon credits

Approach

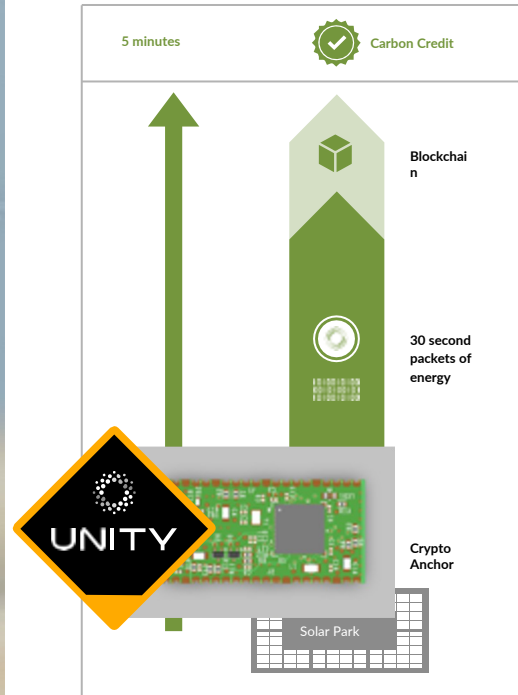
Provision,
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Questions

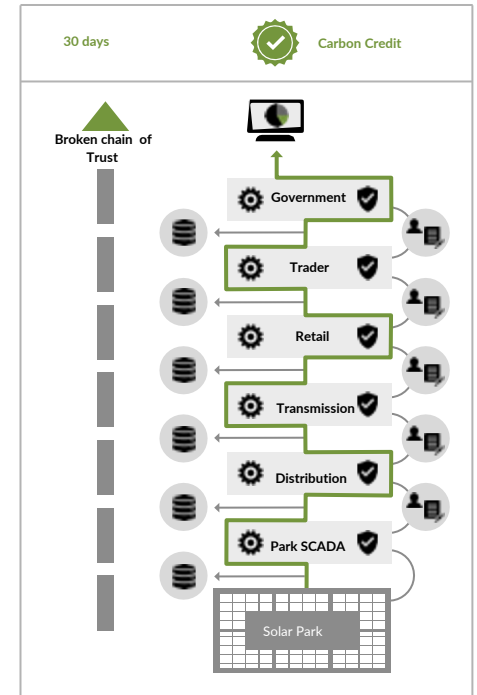


Tokenization
transforms
green
energy
accreditation
from 30 days to
5 minutes

Future



Current



Format & Tooling

EXPLORE

Business case
Taxonomy Framework
Classification
Legal & Regulation
Technical architecture

OUTCOME

GAP analysis
Mapping to ITSA classification
SWOT analysis
Purpose of token ecosystem
Recommendations?



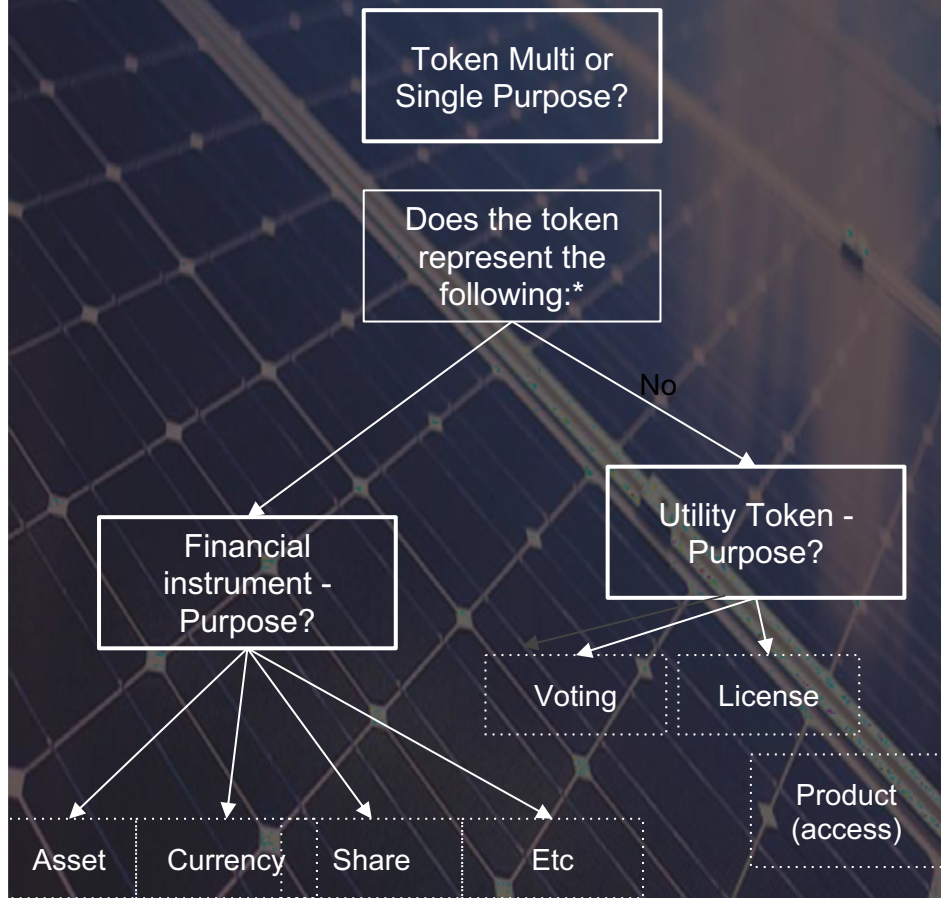
TOOLING

Legal & Regulatory
Finance
TTF & Blockchain
Research
Developer

EXPERTS

Roadmap & Decision Tree

Finance
Legal & Regulatory
Ecosystems



Power of the Many

Towards a citizens' driven
energy transition through
fractional ownership
of solar parks



We envision a decentralised energy system in which people are empowered as pro-sumers in so called Energy Communities: a novel way to engage citizens in the energy transition. Solar investments via Energy Communities lowers NIMBY behaviour, supports inclusion, avoids larger inequalities caused by the energy transition , and improves their skills .

BENEFITS

ACCELERATING THE ENERGY TRANSITION & REDUCE CARBON EMISSION

POWER TO THE PEOPLE

- Democratized Access & local ownership of Solar Assets
- Raise local support among citizens whilst getting better yields

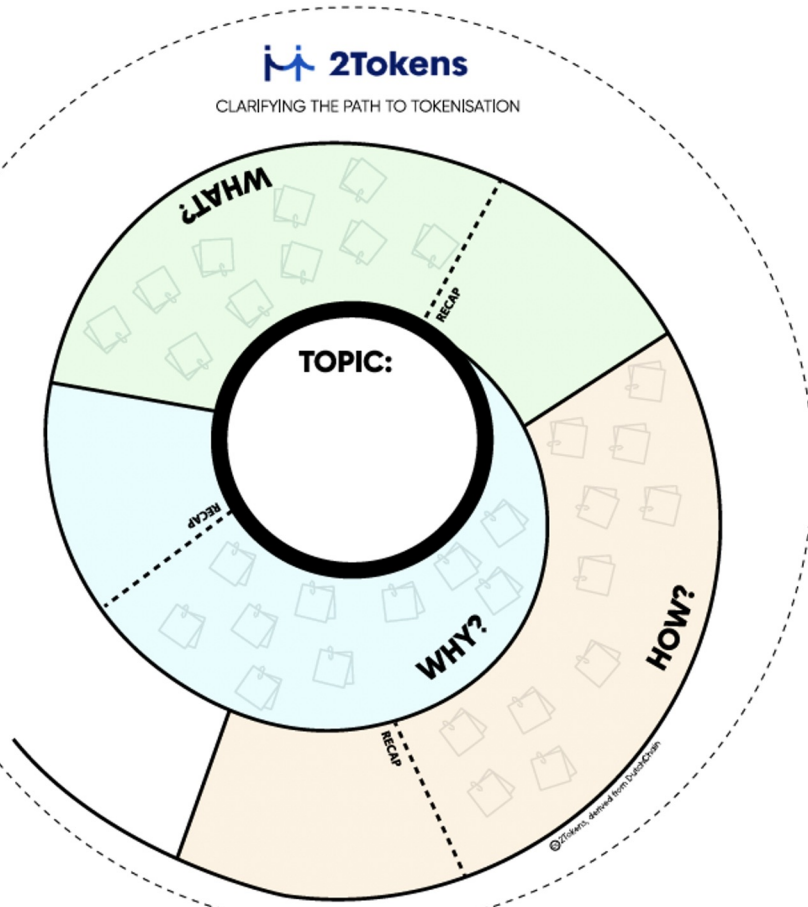
REAL TIME GREEN

- Accelerate transition to clean energy for the Port industrial complex with new business models which stimulate local production and usage

ADDITIONAL USE CASES

- financial, launching customer and space on the agenda of MRDH

WHY



Clarify WHY tokenization is important, and WHY NOT

Think through “WHAT” needs to be in place to achieve the “Why”, and mitigate Why NOT

Identify “HOW” to achieve the What

Digitizing Solar Panels

Stacking value streams by multiple aspects of renewable energy

Tokenization enables new business models by separating:

Energy Offtake

Delivered energy to be settled

Power Offtake

Forecasted energy generation to be traded on the market or over the counter

Energy Tag Offtake

Qualified real time tagging of energy

Certificate Offtake

Regulated RECs/GoO and voluntary trading
D-MRV of certified renewable energy source or Carbon offset

Data Offtake

Green Signal, Asset location data, asset maintenance data, asset performance data

Governance Offtake

Decision on ecosystems

2Tokens.org

Join the conversation