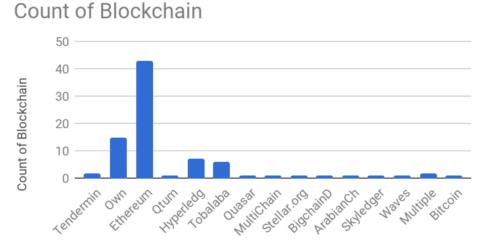


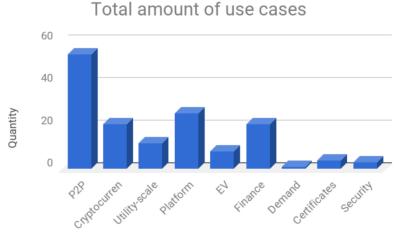
simplifying renewable energy finance

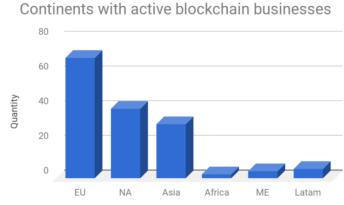
A multitude of **BLOCKCHAIN** initiatives in the energy sector











(*): use of Solarcoin as a payment method

Security Tokens

Asset centric

INVEST IN AN ASSET

Highly regulated (complex) Early stage Ecosystem under construction Public blockchain ICO Less prone to Scam

> Asset financing Asset trading

Utility Tokens

Service centric

PAY FOR A SERVICE

Less regulated Early adoption Ecosystem maturing Public blockchain ICO !! Scam or Unicorn !!

Peer-to-Peer trading Retail services **EV** Charging **Energy Performance contracts** Demand Response

Distributed

Process centric



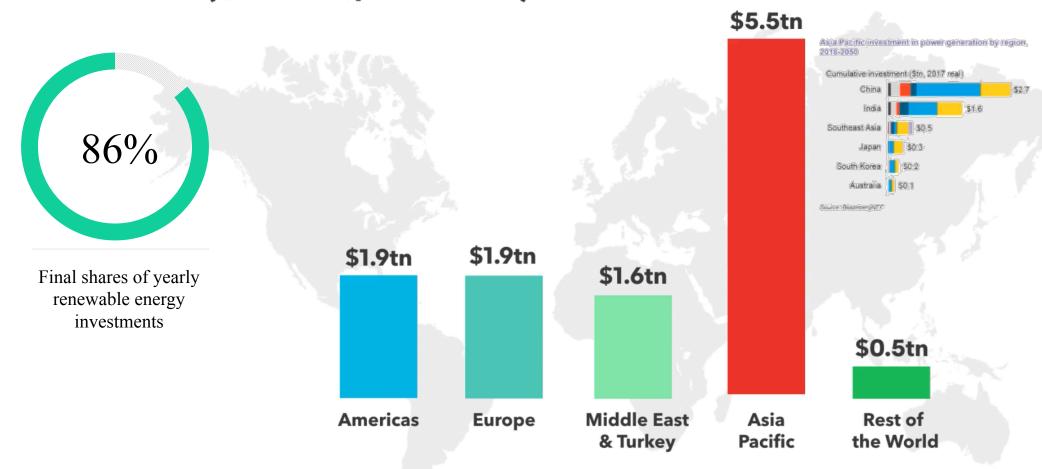
AUTOMATE, OPTIMISE A PROCESS

Low regulation Early adoption IBM / Hyperledger / Consortium Mainly Private blockchain Less prone to ICO Next gen of Enterprise Applications

> Grid management Meter reading network **REC** trading Investment process



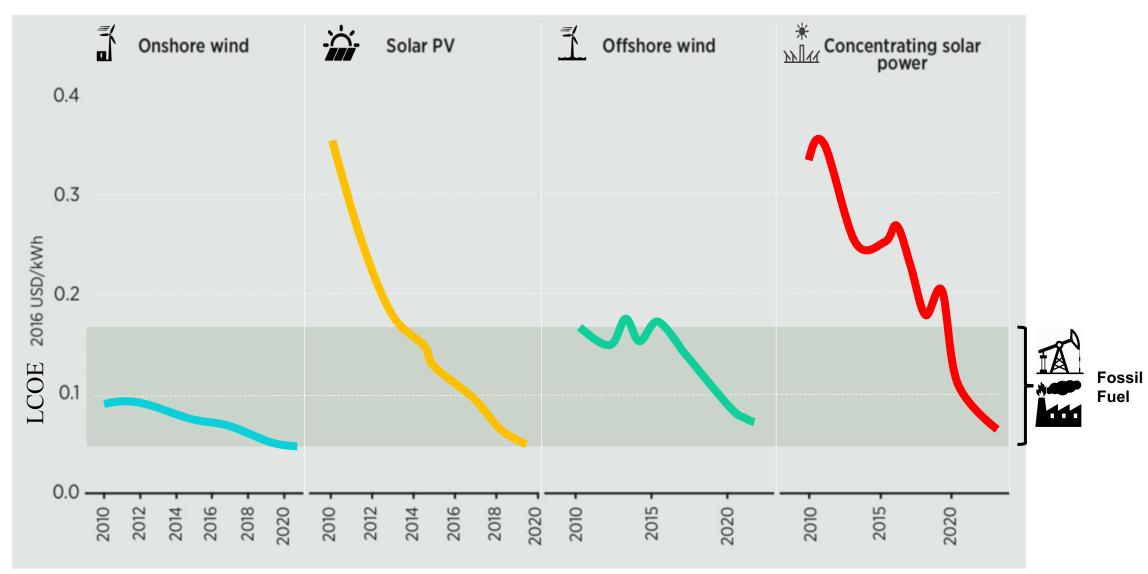
Investment in power generating capacity by region, 2018-2050 (\$ trillion, 2017 real)



Source: Bloomberg New Energy Finance

\$

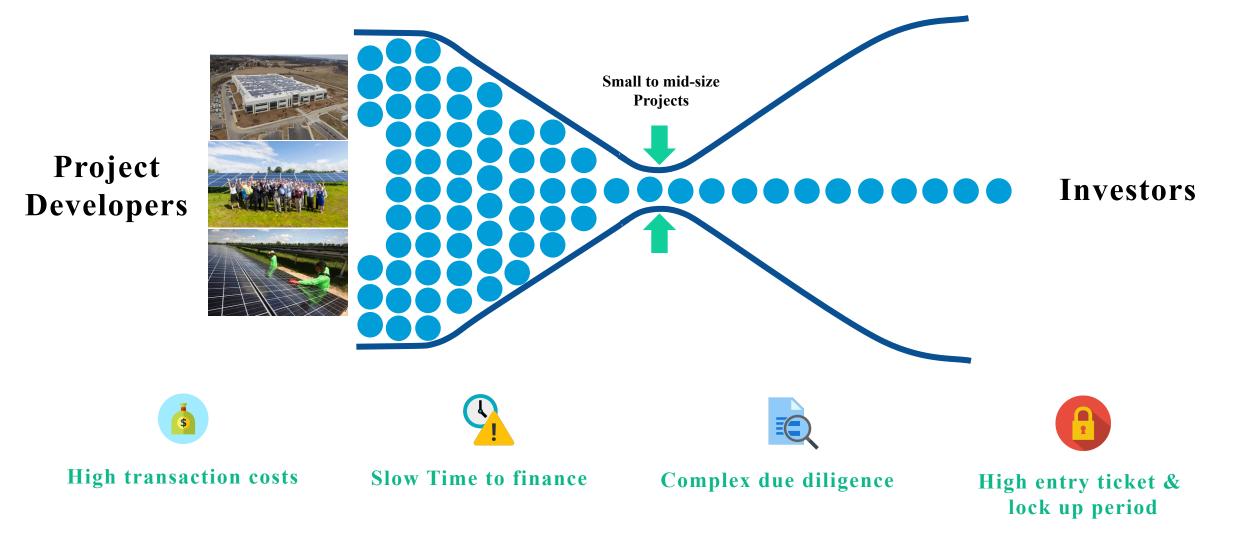
Renewable Energies are now cost competitive vs coal, nuclear, and fossil fuel energy without governmental subsidies.



Source: IRENA Renewable Cost Database and Auctions Database.



Current funding system has created a bottleneck





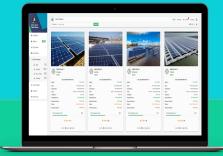


Our Digital platform

Simplification of the investment process for small to mid-size REN projects

DEAL DISCOVERY TOOL

Match-making Community of investors



DUE DILIGENCE COLLABORATION TOOL

Standardized Due Diligence Virtual Data Room Financial model

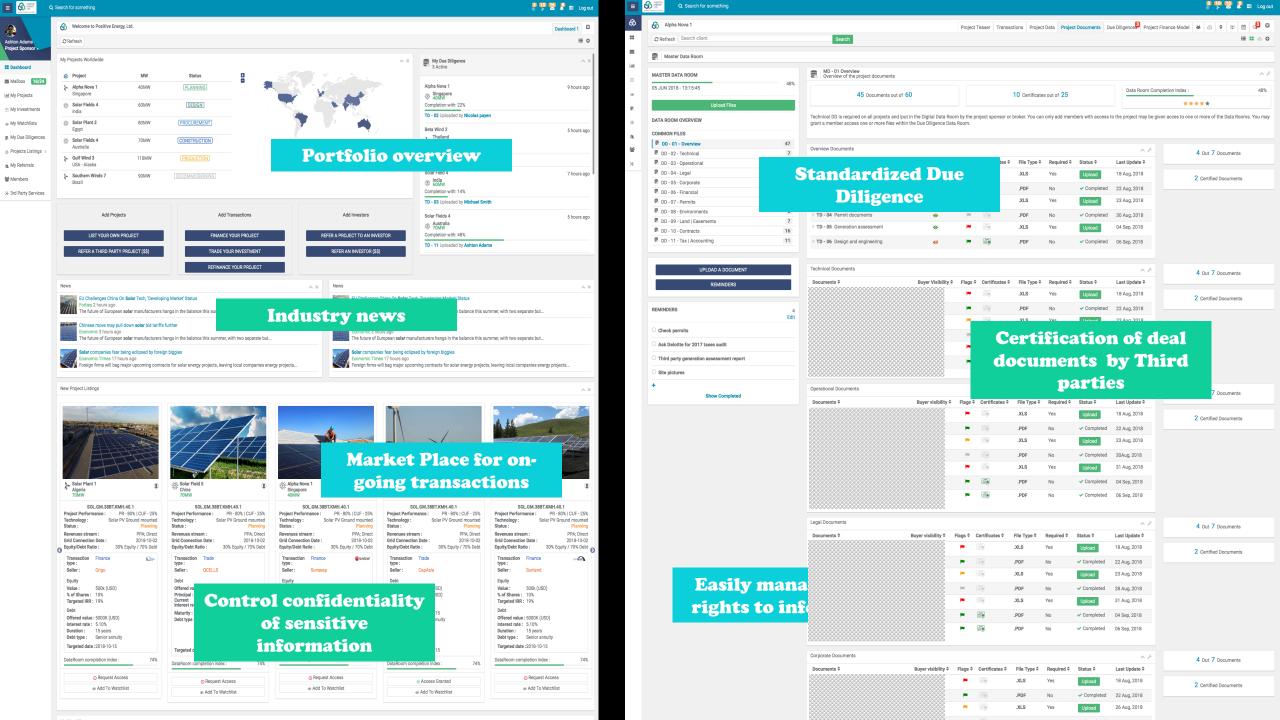
360° ASSET MANAGEMENT TOOL

One repository for Technical,
Operation,
Legal, Financial & Taxes documents
Asset monitoring

TRUSTED INVESTMENT PROCESS

KYC / AML
Traceability and Audit trail
Blockchain enabled
Third parties audit companies management







Simplifying investments in renewable energy drives environmental, social and community benefits

Accelerate deployment of renewable energy

Reducing CO₂ emissions and enabling access to electricity

Distributing Investments

Smaller, local investors can participate in renewable projects

Democratising Industry

Access to financing enables local SME or national champion to compete







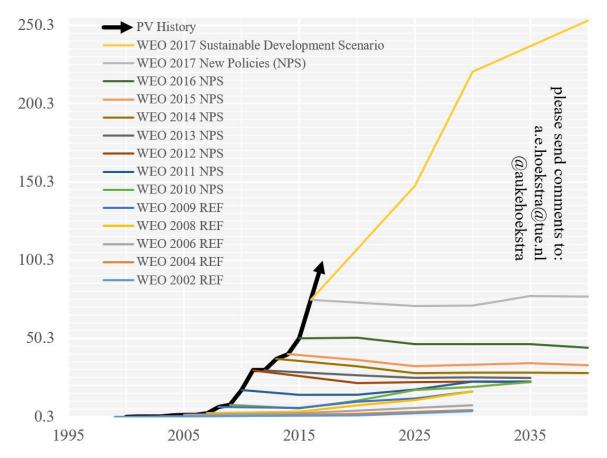




Planning for a future scenario where Solar is the go-to generation technology

Annual PV additions: historic data vs IEA WEO predictions

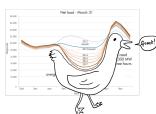
In GW of added capacity per year - source International Energy Agency - World Energy Outlook





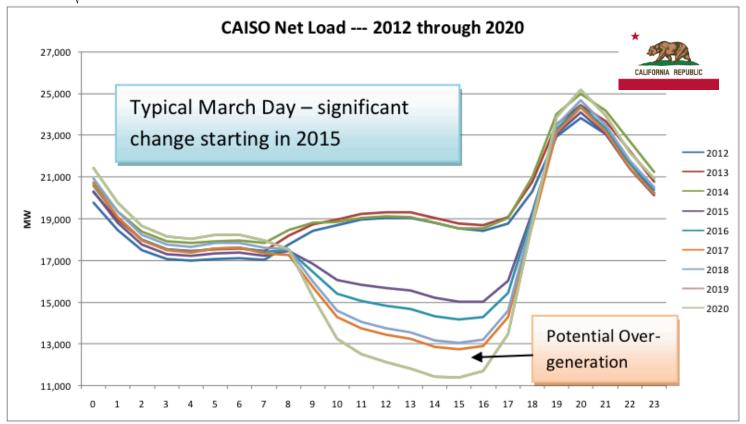






What are the impacts of a booming solar market?

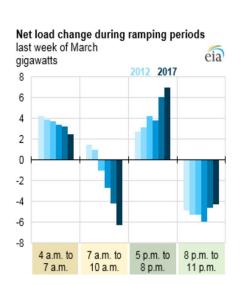


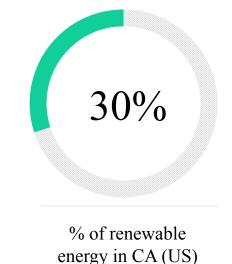


https://www.youtube.com/watch?v=KwA44fr7apw

AMBONDANCE OF ENERGY

GRID STABILITY







What are the impacts of a booming solar market?

AMBONDANCE OF ENERGY

- 1. INCREASE CONSUMPTION DURING GENERATION PEAK
- 2. ENERGY STORAGE
- 3. CURTAILEMENT OF GENERATION

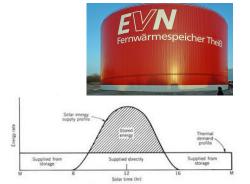
E-ZONE charging during day time

GRID STABILITY

- 1. GRID FLEXIBILITY / DEMAND RESPONSE PROGRAM
- 2. ENERGY STORAGE
- 3. SMARTER LOAD









What are the IDEAL ASSETs COMBINATIONs?

SOLAR, STORAGE, MICROGRID



EV CHARGING



THERMAL ENERGY STORAGE



NEW DIGITAL SYSTEM – NEW BUSINESS MODELS

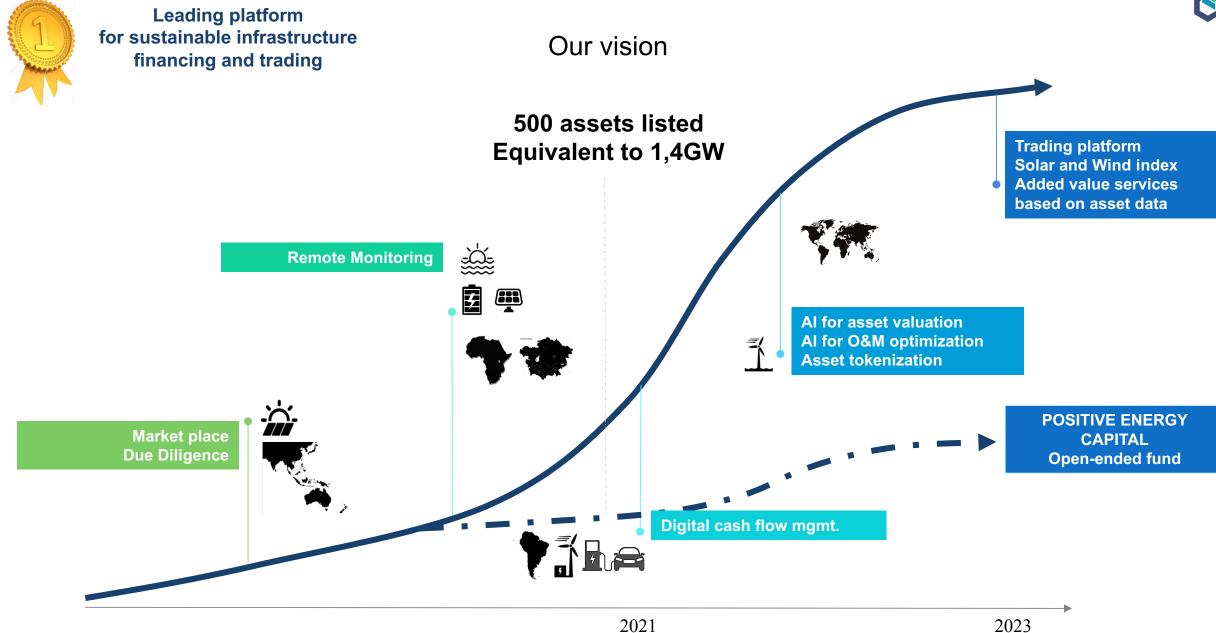


PV GENERATION

PV to EV

PV to AC







THANK YOU

GET IN TOUCH WITH US

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