KLENERGY

ALWAYS ON

PYLON

Gerard Bel, CEO
Business Developer

Vision

"Data accessibility in a simple, easy and transparent way"

Mission

"Create value for load serving entities through Digitization"

Pain

CLIENTS

COMMON PROBLEMS

WHY

Utilities

DER Installers

CCAs

ESCOs

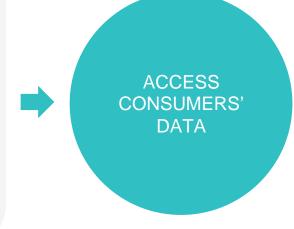1. Long time response

2. Slow data transmission

3. Costly, inefficient operations
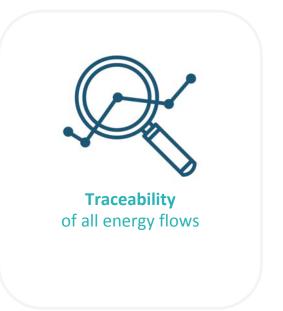
Dependence on third parties to:

ACCESS CONSUMERS' DATA

Solution

The Pylon Network is a high speed, scalable communication platform designed for utilities to provide near real-time data transmission amongst stakeholders

Communication Protocol
between energy stakeholders completely neutral

Data accessibility platform

Traceability
of all energy flows

Use Cases

Near **real-time data transmission amongst stakeholders** (generators, consumers, prosumers, aggregators, regulators)

Secure data communication protocol without third actors, minimizing operational cost.

Consumer engagement platform for offering new energy services to consumers with minimal interaction

PaaS, simplifying data accessibility to personalize the services completely automated

Energy tracking and certification of energy consumed and generated to report against RPS requirements or generate carbon credits

Storing the energy data directly from the utility meters to prove from where and which energy source the energy is produced.

Technology

Blockchain designed for the specific needs of the energy sector

High transaction rate
1.000 tx/s

Scalability
> 30 M Meters today

Low energy demand
0,002Wh/tx

Compliant with new GDPR

Open Source

Non-competitive mining

Accomplishments

Future milestones:

Sept 19': First pilot align with the regulation in P2P energy trading on the Q3 of this year in Spain.

Accomplishments:

July 19': First PaaS to help Spanish energy retailers in generating automatic, tailored services for consumers accessing to 28 M meters in Spain. First revenue of 50k€.

May 18': METRON mobile app for consumers engagement. Demo release (AppStore & Google Play)

Apr 18': Platform Demo Update: energy certification and integration of prosumers and generators

Aug 17': Agreement with the cooperative GoiEner for Pilot phase of 10,000 live stakeholders demonstrating real-time data transmission

Contacts

Gerard Bel, CEO

Email: gerard@klenergy-tech.com

Phone: (+34) 633-343-671

Web: https://pylon-network.org/

HQ: Castellón , Spain