

Energy is moving from a commodity value to an exchange value



**Sylvain
PAINEAU**

OI & Business
Incubation Director
Schneider Electric

**lundi
22 janvier 2018**

**École polytechnique
Amphi. Gay-Lussac
16h 00**

Clean, distributed, digitized energy world resonates with emerging customer behaviors.

Key ideas

As members of a community, consumers can share their self-produced energy with other members of the community.

The community balances energy supply and demand ; thus individual customers do not need a conventional energy provider any more.

Doing so, consumers can achieve significant savings. This is the main driver for energy communities to be set up.

Other drivers include access to clean energy, social impact, independence from traditional utilities, etc.

After a remind of the context, I'll give some examples, the key technologies allowing this evolution, the limitation ; the impact of the value chain and a conclusion and scenarios.

