Accelerating 24/7 clean energy

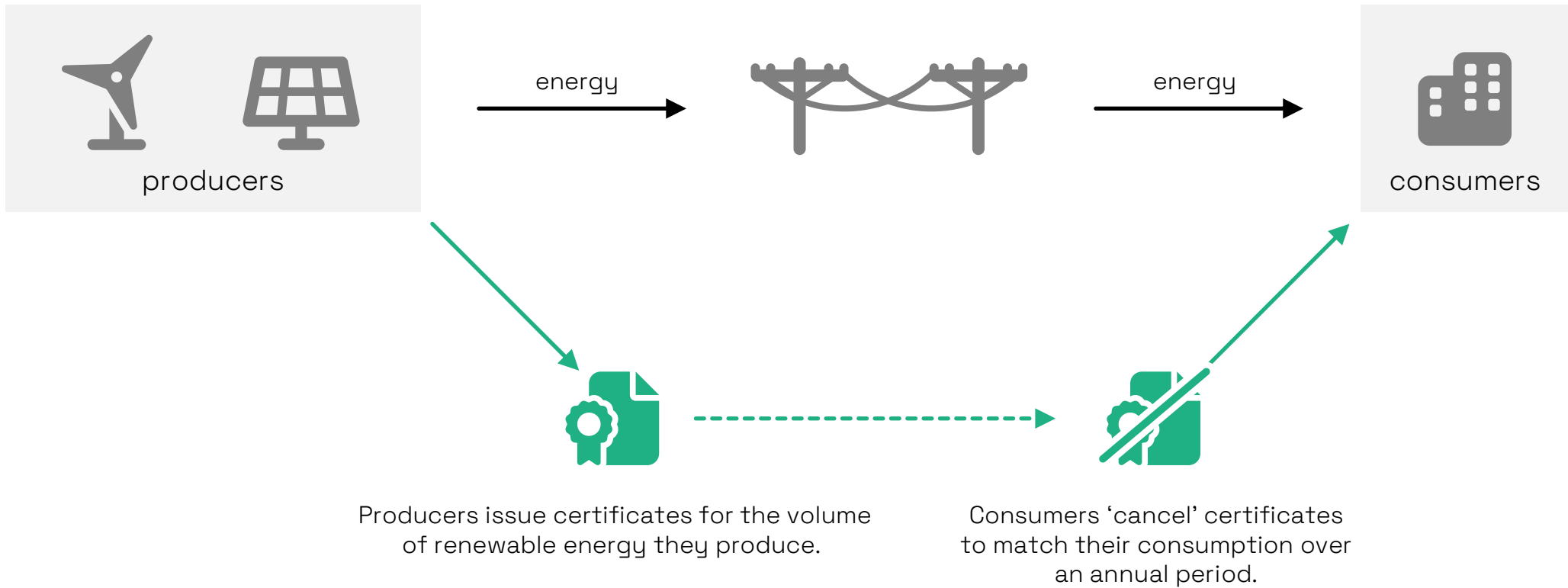granular energy

Granular Energy is the platform of the future
for managing and trading clean electricity.

Energy attribute certificates (EACs) allow consumers to choose the source of the electricity they use
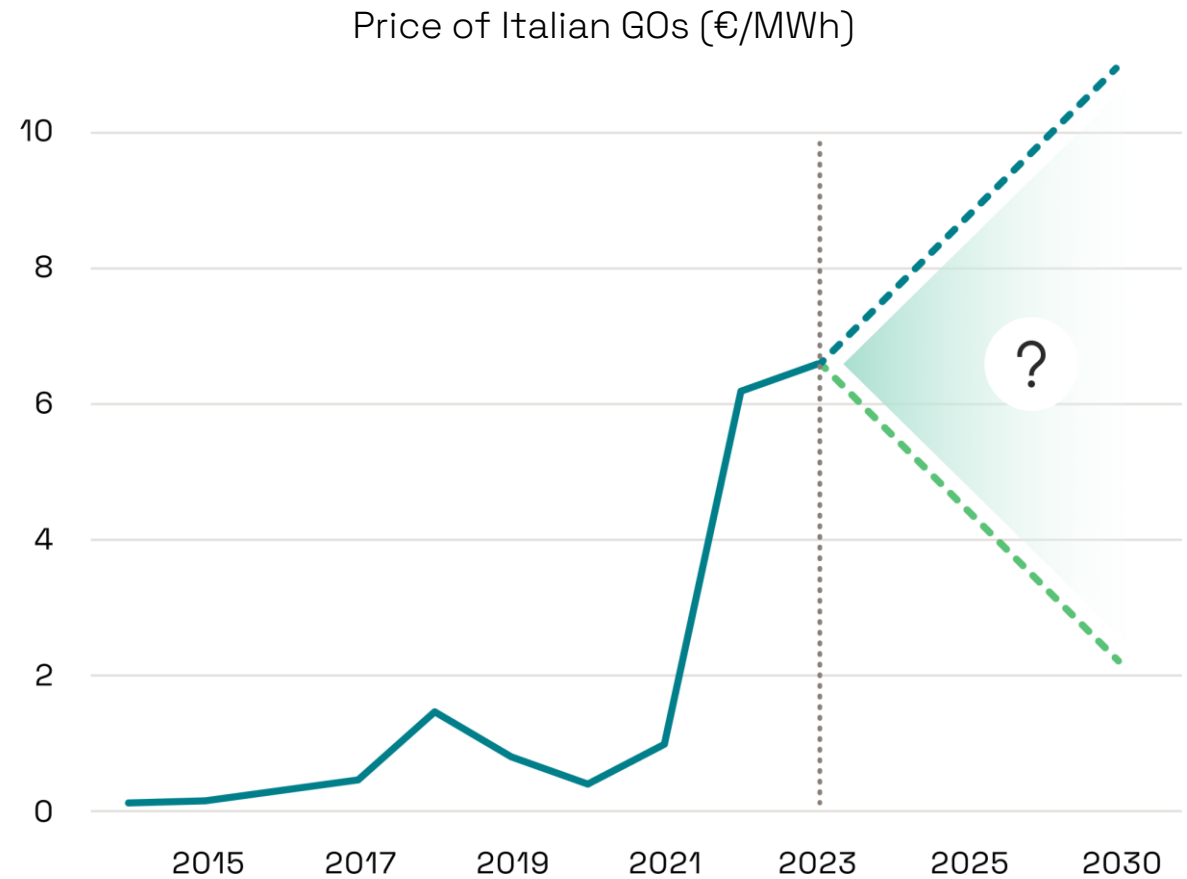
All green energy offers rely on energy certificates, a 20-year old system that works in parallel to the wholesale power market.

energy → energy →

producers

consumers

Producers issue certificates for the volume of renewable energy they produce.

Consumers 'cancel' certificates to match their consumption over an annual period.

Certificates are increasingly expensive and risky but lack proper management tools

- The price of EACs has increased significantly over the last few years

- Management of EACs has remained unchanged
  - Tools build internally
  - Manual processes
  - Increased complexity and time requirements

- To manage risk and operations more efficiently, new tools are needed

Price of Italian GOs (€/MWh)
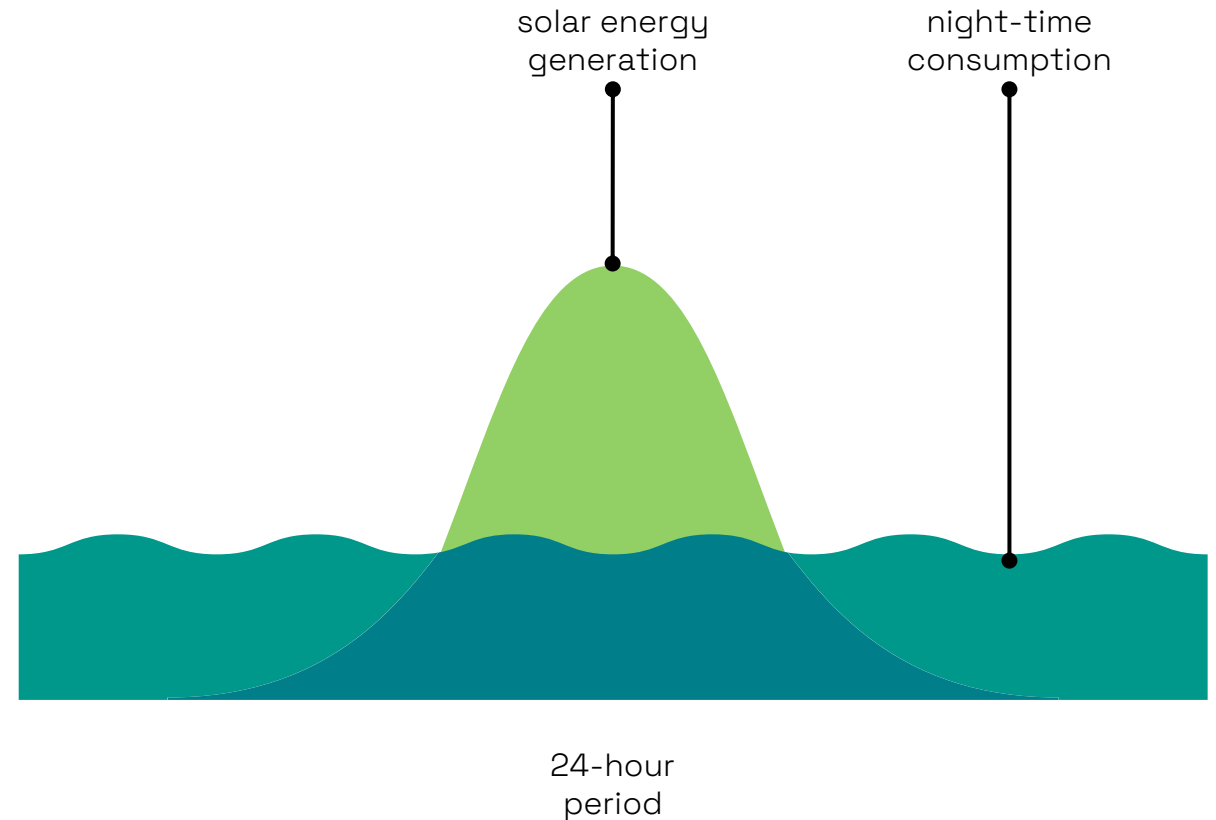
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Source: Mercato Elettrico

Certificates are under scrutiny from customers and regulators pushing for a more transparent system

- Annual certificates matching does not reflect physical reality and has led to
  - A breakdown in trust
  - An ineffective price signal

- Regulation for hourly matching is on the horizon
  - Mandatory for H_2 in UK and EU
  - GHG Protocol Revision

- Customers are asking for more transparency

On an annual basis, consumption at night can be matched with generation from solar at noon.

solar energy generation

night-time consumption

24-hour period

The role of energy attribute certificates is set to grow to accelerate power system decarbonisation

Price of EAC have increased 15x over the last few years

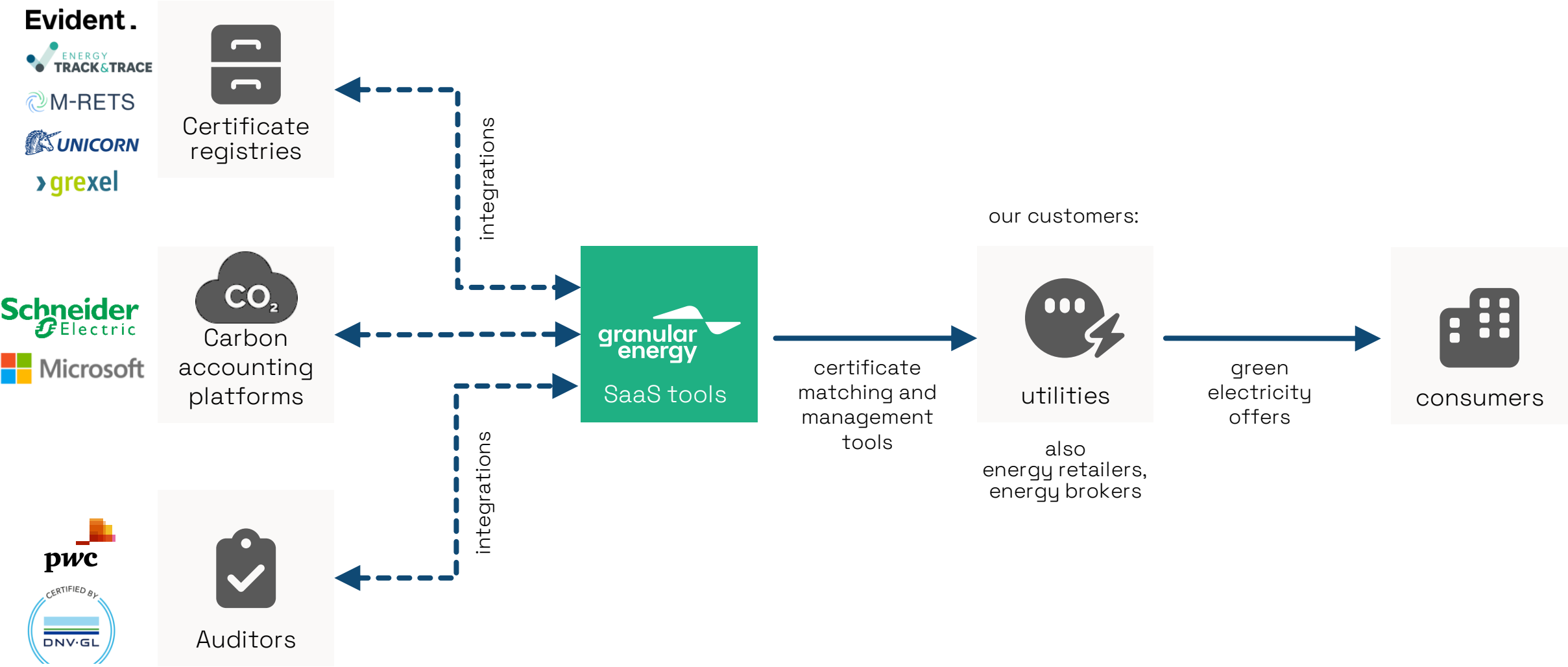Complexity and time spent on those issues increase

Regulation is coming to enforce more time-granularity

Consumers demand more transparency

We provide energy suppliers with the tools they need to manage green electricity offers

Certificate registries

Carbon accounting platforms

Auditors

integrations

integrations

granular energy
SaaS tools

certificate matching and management tools

our customers:

utilities

also energy retailers, energy brokers

green electricity offers

consumers

Granular Energy is all-in-one SaaS tool for green energy and EAC transparency

From registry integration to reporting, at your preferred time-granularity: annual, monthly, hourly and sub-hourly
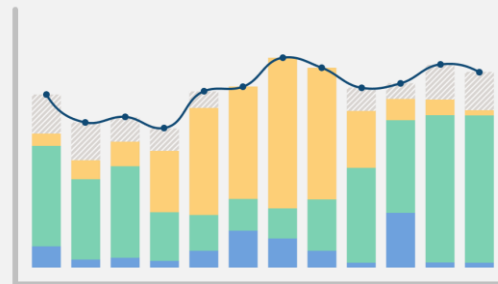
Data & registry integration

Streamline your data flows and interactions with EAC registries

Portfolio overview and management

Keep track of your EAC portfolio and position with charts and KPIs.
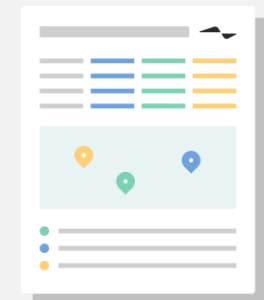

Automated allocation

Automatically allocate according to supply contracts and customer requirements.

Customer reporting

Deliver transparent reporting with additional emissions and mapping features backed by third party assurance.

Our platform enables you to streamline your operations and increase transparency and value of your green offers

Attract, acquire, and retain customers

Create products with higher margin

Improve operational efficiency in your day to day

Prepare for changing regulations

Our platform enables you to deliver additional benefits to your consumers

Power their activities with renewables around the clock

Improve their carbon accounting + energy matching accuracy

Set, achieve and lead in ambitious climate goals

Join the companies using Granular Energy

17 suppliers in 6 countries

>35 end-consumers

TotalEnergies · good energy · sse

Microsoft · Morgan Stanley · TP · sky · BT

"[Granular] is simplifying things: we used to get REGOs in a batch once a year. Now I get a report once a month, with clarity on where our power comes from."

Travis Perkins (end-consumer)

"Moving to a time-based certification system is an essential part of cracking down on greenwashing and giving customers the true picture of where their energy is coming from. Thanks to Granular Energy, we are now able to do that."

Good Energy (utility)

"Being able to track our energy [granularly] means all our partners, from major companies to the smallest operations, can have total confidence in our supply chain."

Teemill (end-consumer)