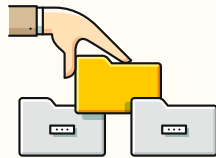# WHICH ARE THE USES OF **BLOCKCHAIN?**

Blockchain is a **transfer of digital data,** with very sophisticated encryption, between **multiple interconnected nodes** which record and validate it.

═ BENEFITS ═

No intermediaries

It cannot be altered

It cannot go down and information cannot be lost

Traceability

Privacy

═ USES ═

Renewable energy
Streamlines transactions between operators, **certifies the renewable origin** and allows the user to produce and transfer renewable energy.

Government institutions
Provides **real-time information** and transparency.

Electronic voting
Guarantees signatures and prevents hacking.

Internet of things
Domestic appliances can **make their own purchases.**

Food
Ensures **traceability.**

Financial transactions
Cheaper and more **streamlined.**

Privacy of databases
In **healthcare, security, tourism,** etc.

Smart contracts
These are **automatically performed** when both parties fulfil the agreed terms. If the contract is not fulfilled, an automatic reimbursement takes place.

NGOs
Makes donations more **secure** and more **transparent.**