Blockchain business registry network
Conseil national des Greffiers des Tribunaux de Commerce
May 30th 2023
How it started

Embracing an emerging and disruptive technology early 2018

Prototyping a complex case...

... to identify if and how Blockchain can accelerate and secure court clerks activities

... with the example of the notifications issued in case of Headquarters transfers at first
Moving the initiative forward

Scaling the initiative along with the evolution of the business court clerks

Solution extended from the early phase to welcome two key registries:

- **Trade and Companies Register (RCS)**
- **Movable Securities Register**, starting with maritime mortgages in 2022
**Why?**

**Key business outcomes**

- **Legally secure** the processes of monitoring register updates by simplifying and ensuring the traceability of each transaction on the immutable register that is the Blockchain.

- **Streamline and optimize transaction processing** by accurately tracking notifications.

- **Unify the profession's communications in respect to local ownership of the registries** through a unified and decentralized repository, updated in near real time.

- Creating new services and transforming current services to **generate more value for clients**.
All stakeholders are participating in this transformation.
Extending services

How it can help to reinforce the offering

**Opened network to financial institutions**

- Distribute certified and raw data ("golden source")
- Automate data sharing based on business rules using smart-contract features

**Dedicated network for the court clerks**

- Secure and facilitate data sharing across the court clerks
- Decentralized network matching with geographical responsibility of business court
Technology impact

Bonus: Zoom on blockchain transactions energy consumption

**Power hungry**
Some payment systems are energy intensive, but some specific design choices can be much more efficient alternatives.

(energy consumption range: logarithmic scale)

---

Source: IMF staff calculations based on academic and private-sector publications.