



Blockchain business registry network

Conseil national des Greffiers des Tribunaux de Commerce

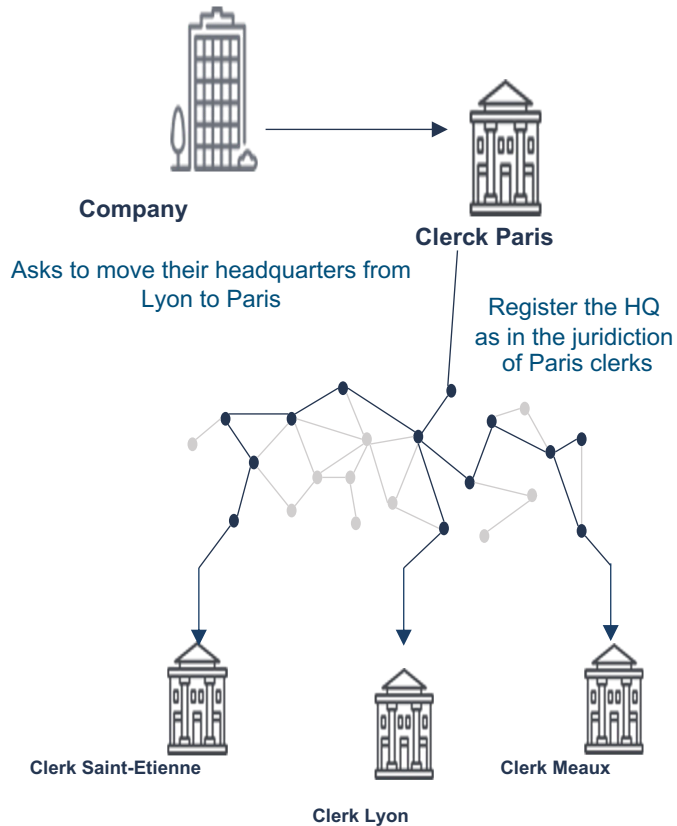
May 30th 2023





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

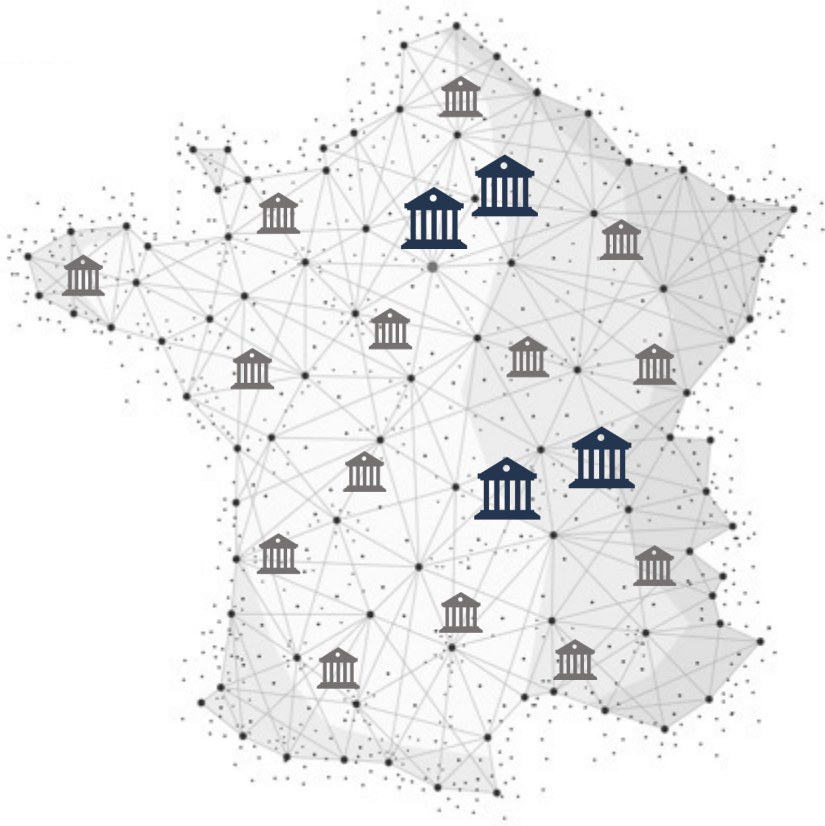


Moving the initiative forward

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



The gains of using a blockchain

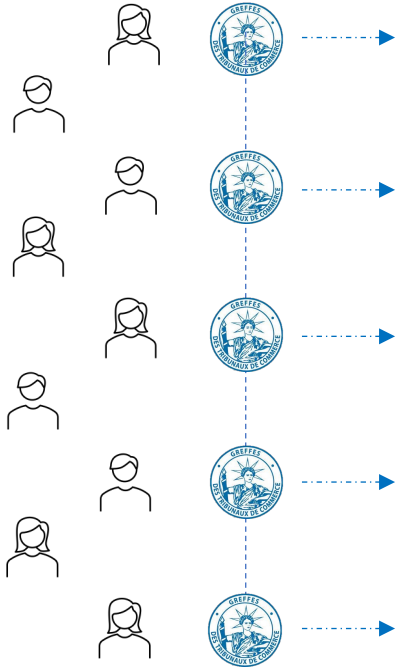
- ❖ **Legally secure** the processes of monitoring register updates by simplifying and ensuring the traceability of each transaction on the immutable register that is the Blockchain
- ❖ **Streamline and optimize transaction processing** by accurately tracking notifications
- ❖ **Unify the profession's 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**



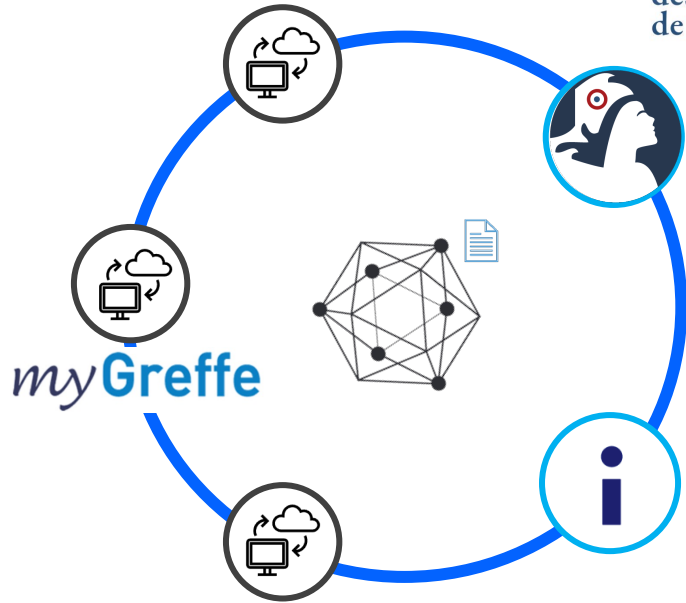
Overview

All stakeholders are participating to this transformation

141+ GTC
Distribution des responsabilités
juridiques dans la tenue des registres



Paris/GAGI



Conseil National
des Greffiers
des Tribunaux
de Commerce



infogrefe
Entreprendre en confiance

EXTERNAL PARTICIPANTS





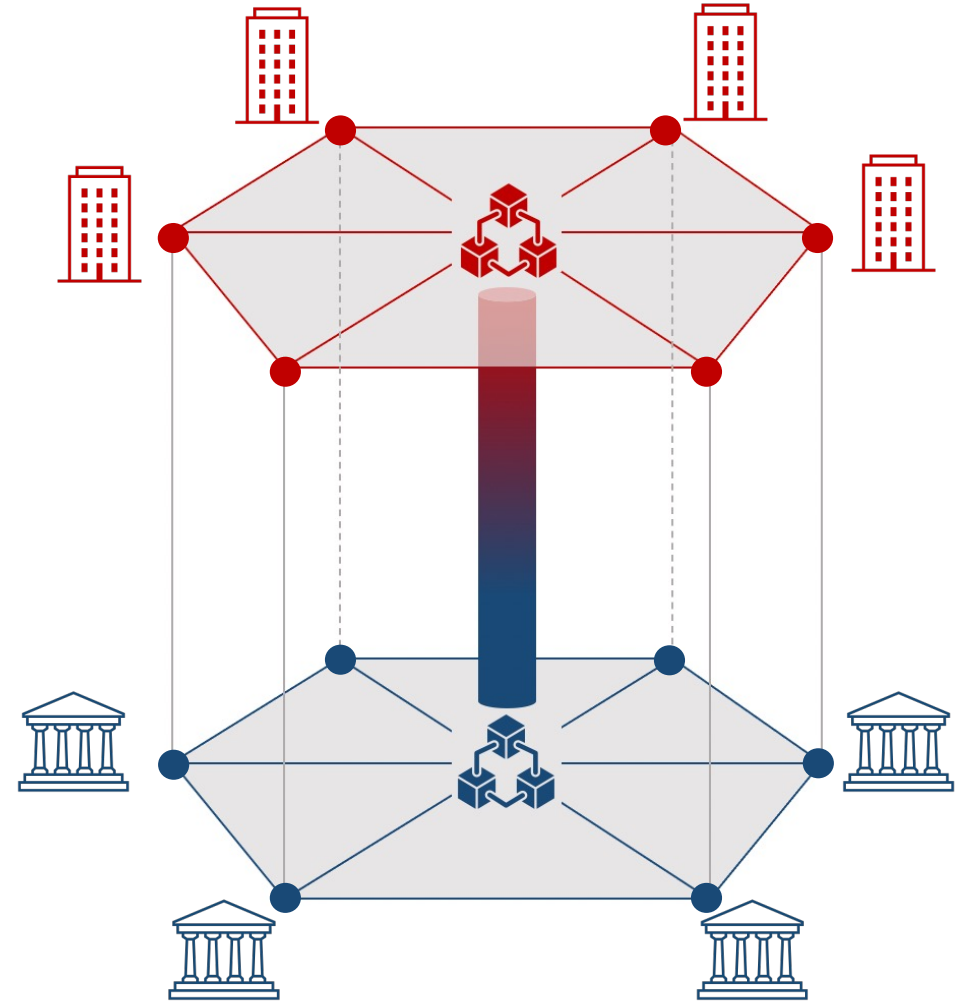
How it can help to reinforce the offering

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

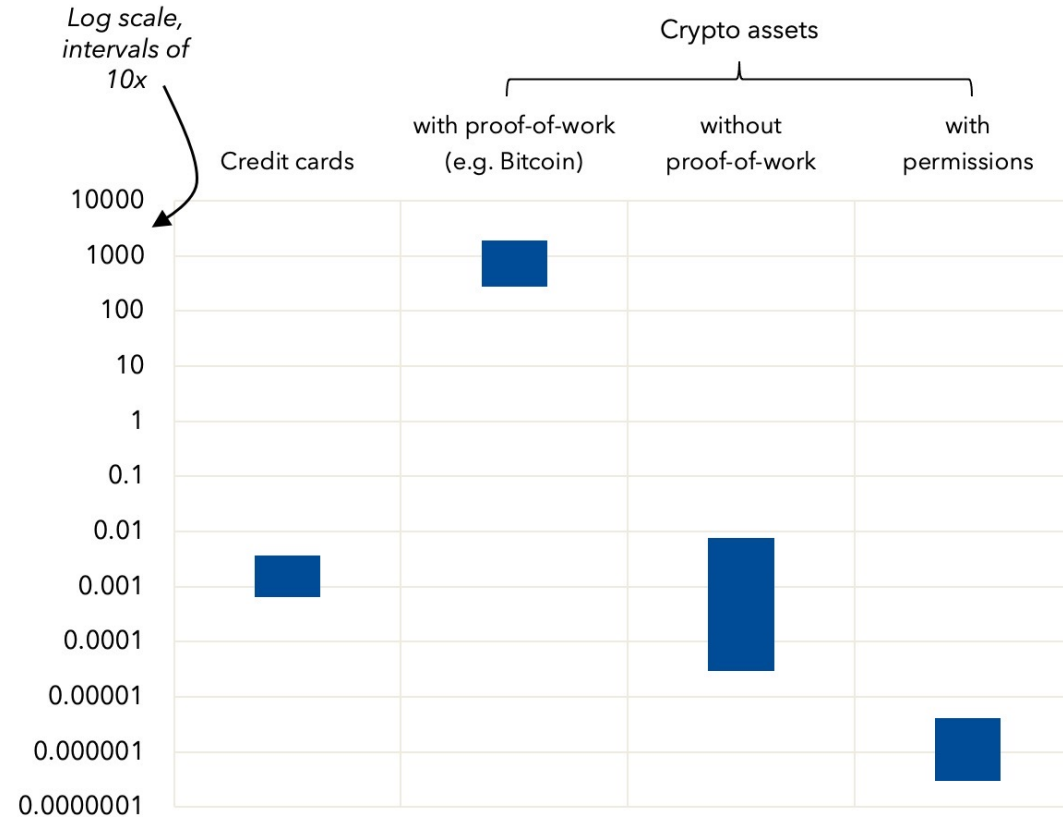




Bonus: Zoom on blockchain transactions energy consumption

Power hungry

Some payment systems are energy intensive, but some specific design choices can be much more efficient alternatives.
(range of estimates for kilowatt hours used per transaction, logarithmic scale)



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