

# **A EUROPEAN BLOCKCHAIN SERVICE**

**A BRIEF POST-COVID HOW-TO**



# WHY ?

Covid19 was :

- A hard test
- A drive for change & improvement

Questions:

- Will we be ready next time?
- Can we change for better regardless of an event?



# WHY ?

**Can the (EU) Blockchain  
be “THE” tool to make  
the change we need?**

(spoiler: yes it is)





# BENEFITS

Blockchain (BC) is a technology/protocol that provides:

- Security & Transparency
- Verifiability & Accountability
- Immutability\* & Time stamping
- Resiliency & Antifragility
- Trustlessness



# WHERE ?

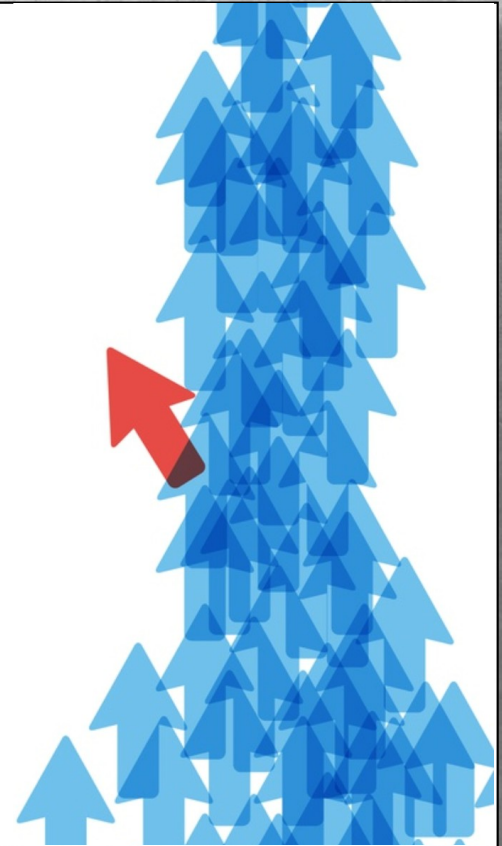
- **Any** supply chain (goods, information, documents...)
- Insurance
- IP & Research
- **Public administration**

BC : Internet = “Application” : (web+chat+IoT+streaming...)

# HOW ?

## Blockchain is **disruption**

- cannot understand it via reductionism
- it's not a drop-in replacement for databases
- cannot adopt it thinking like *“pre-blockchain”*
- it's a deep change in :
  - value proposition & business model
  - project's concept, design & application



# HOW ?

- A real BC must be **public & open** (this is not an issue)
- There is no relevant use for “*private bc*” that can’t be handled as well, cheaper and faster with a traditional distributed database.
- So called “*private bc*” loose most (if not all) of the characteristics listed in the previous slide.
- An open & public BC is **cheap**, and “...as a service” by design





# SCARED OF PUBLIC ?

- **Structure Layer vs Application Layer**
- The Internet is Public / The website can be private !!
- You choose how to use it, what to publish and not to
- Public & Open does not mean Anarchy (the very contrary)
- Public & Open is all about rules & checks



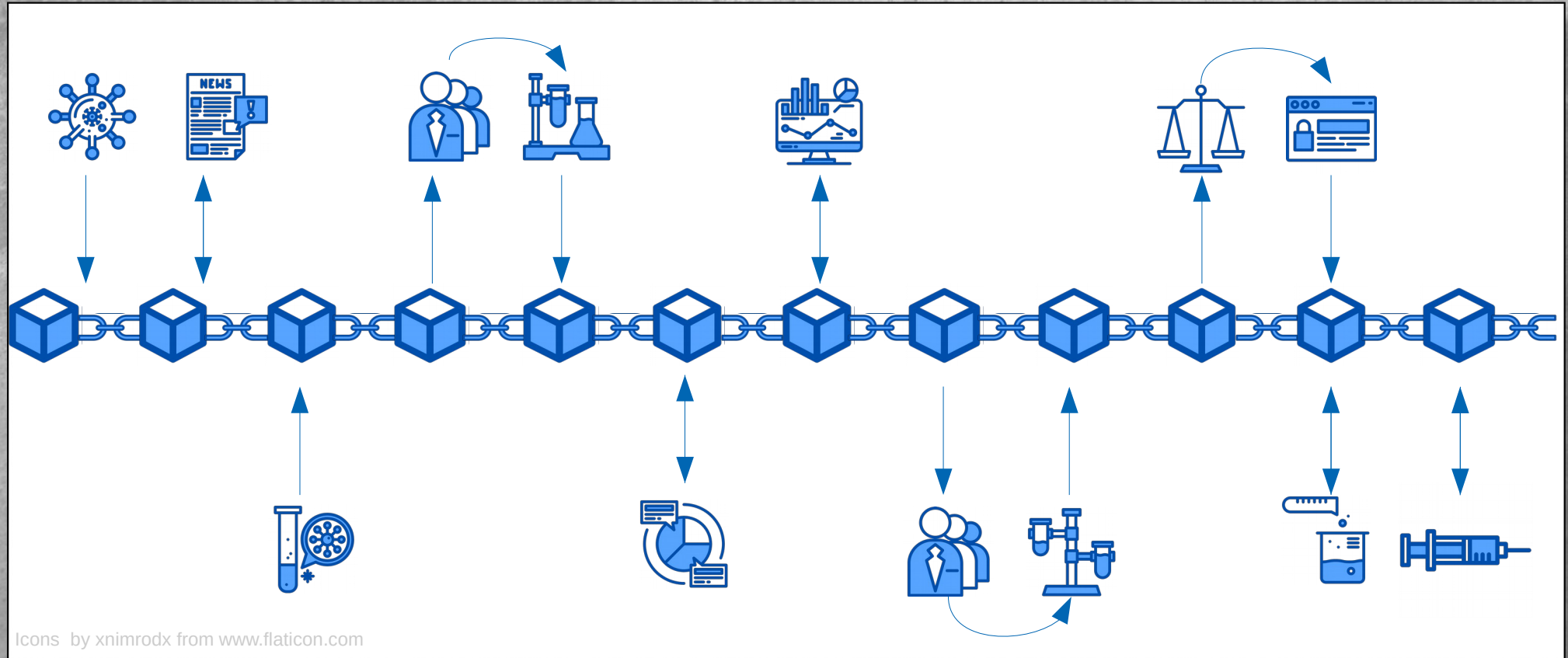


# BLOCKCHAIN & GDPR

- BC “vs” GDPR is a common **misconception**. Why?
  - the “*public*” issue
  - the “*undeletable*” issue
- Simply put, just use it the right way:
  - encrypt or hash data (if it **must** be on the BC and if applies)
  - don’t put it in the BC (in all other cases)
- BC **can and should** be used to enforce GDPR application !
  - timestamping of docs & logs



# A COLLABORATION PLATFORM



# SHALL WE START ?

- Don't **make** a blockchain
- Don't **buy** a blockchain
- Use one of the many alternatives



Quadrans.io

- it's **free**, open, public, available and EVM compatible
- 300 nodes up&running (mostly in EU)
- no cryptocurrencies → no mining → **no TCO**







# Thanks

- [info@blockchaincaffe.it](mailto:info@blockchaincaffe.it)
- <https://www.blockchaincaffe.it>
- <https://www.facebook.com/BlockchainCaffe>
- <https://github.com/BlockChainCaffe>
- <https://www.youtube.com/c/BlockChainCaffe>

