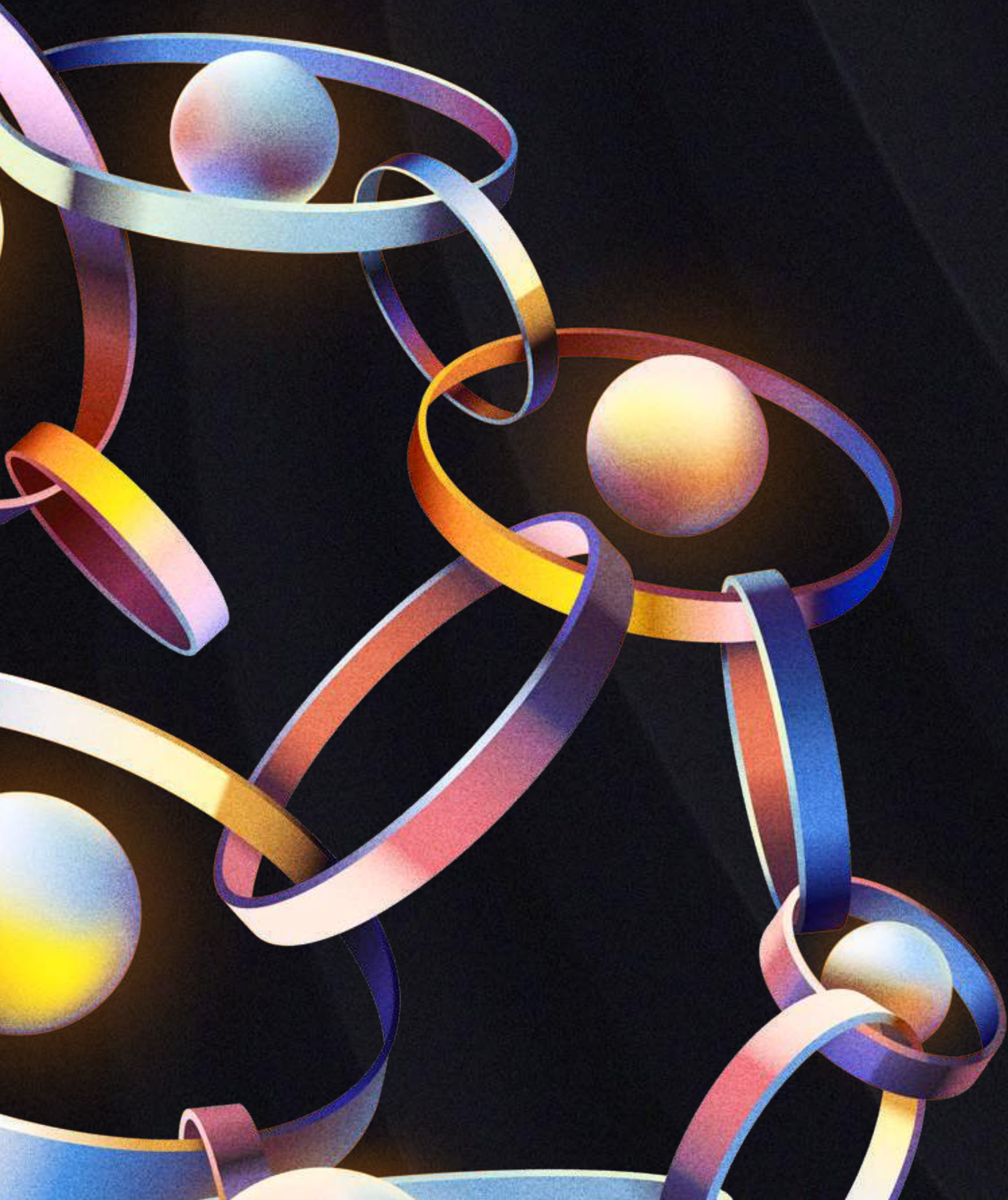




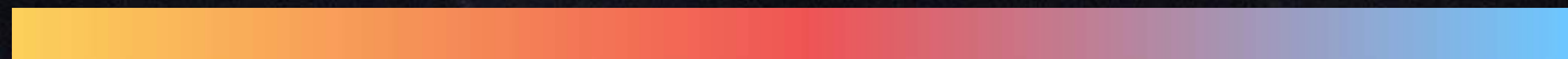
Data Governance,
Data Confidentiality &
Trusted Execution Solutions
for the Web3 Economy



Our philosophy is based on the belief that the next generation of the Internet will be decentralized and powered by **Blockchain**.

This new paradigm will ensure more trust, **ownership and resilience**.

Our mission is to build the backbone of **Web3**.

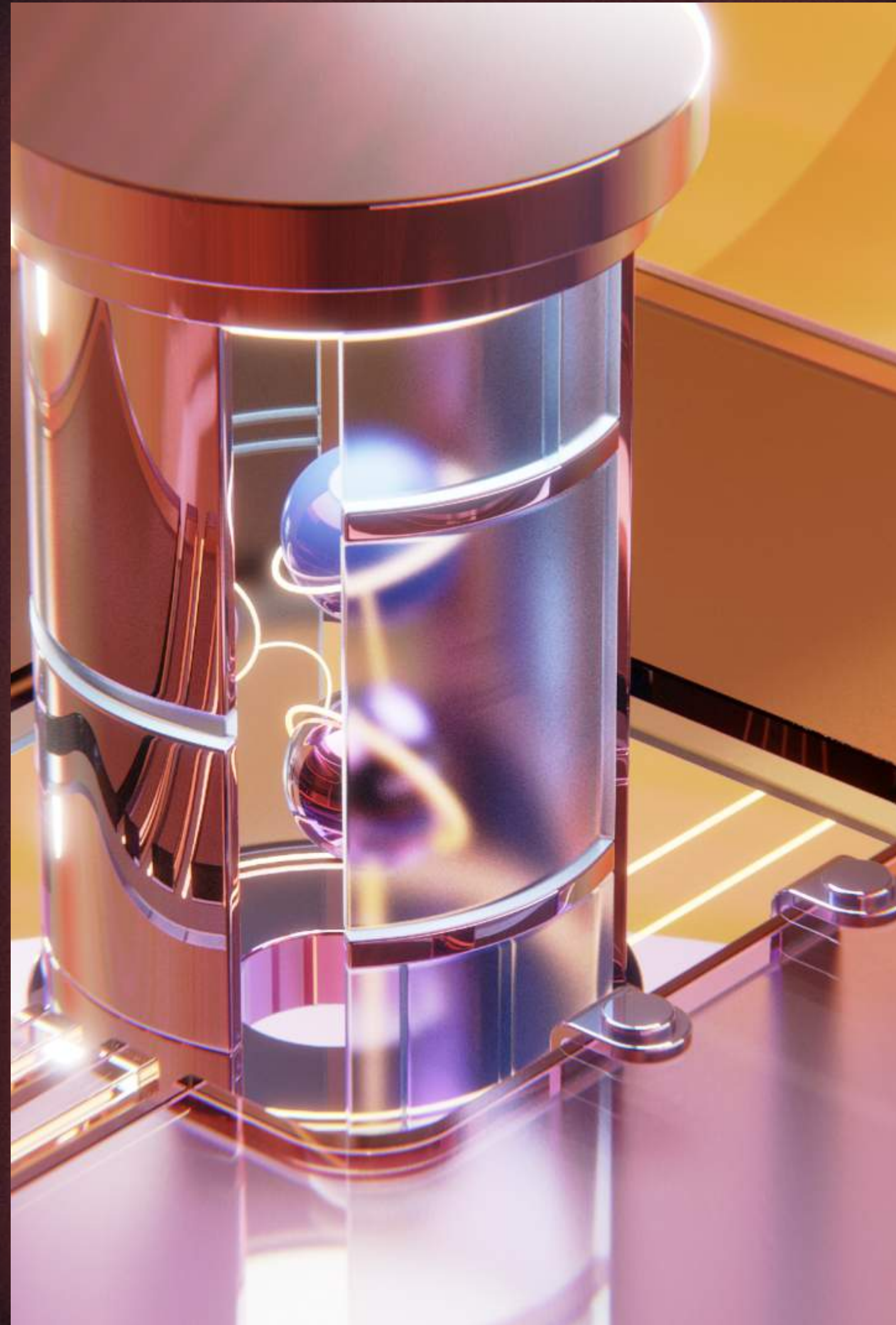


Colossal amounts of valuable data are created by businesses every day. Being able to access this sensitive or confidential data and create value from it is key in every industry.

**What if businesses can access data generated
by other enterprise parties?**

**What if businesses can process and share this data
while ensuring data sovereignty?**

iExec provides trusted and secure solutions for processing, sharing and even monetizing confidential and sensitive data between B2B or B2B2C stakeholders.



iExec solutions ensure Data Governance, Data Confidentiality, & Trusted Execution of computational tasks by leveraging Blockchain & Confidential Computing.



Blockchain guarantees that transactions are traceable, transparent, secure, and auditable.

Confidential Computing allows to process data without revealing it, protecting the computing assets during the computation and ensuring that they can't be accessed, copied, or tampered with.



iExec Blockchain-based Confidential Computing Solutions

Data Governance | Data Confidentiality | Trusted Execution



*Finance, Health, Mobility, Transportation,
Marketing, Energy...*

**The iExec solutions address any industry that
needs to process or share confidential data,
while maintaining privacy and ownership.**

Creating new business models through the application
of distributed ledger technologies, iExec provides
blockchain consulting and development services,
from design to implementation.

**We master the
Following technologies**



Blockchain

Public & Private Blockchains
Smart Contracts (Solidity)
Decentralized Oracles
Sidechains & Bridges
Protocol Migration
Interoperability between
blockchains



Cloud Computing

AWS, Azure
Docker & Containerization
Ansible & Kubernetes



Confidential Computing

Intel SGX
ARM TrustZone
Hyperledger Avalon



Distributed Computing

Protocol Design
(Consensus Algorithms)



Tokenization

Cryptocurrencies
Governance & Consortiums



Cybersecurity

Smart Contracts Auditing

**To help you build value
for your business**



Transfer of value

Secure, near real-time,
low-cost transfer of assets
without an intermediary.



Assets Tokenization

Creation of customizable
and tradable digital assets
in a secure, decentralized
and reliable environment.



Traceability & Immutability

Intel SGX
ARM TrustZone
Hyperledger Avalon



Smart Contracts

Immutable computer programs, deployed on a blockchain, that execute a set of predefined instructions.



Decentralized Marketplaces

A self-governing ecosystem of both suppliers and customers, with real-time accounting and settlement mechanisms.



Sharing of Confidential Data

Secure data storage and sharing with specific governance rules.

How can you get started ?



1-day ideation Workshop & Consulting

Personalized advice enabling you to leverage Blockchain to create value for your business.

Reinforcing your team's skills to reshape your business with Blockchain technologies.

And then ?



Development & Deployment

We turn ideas into PoCs and products.

Our developers build and deploy your new service, platform or product (on site or on a cloud infrastructure).

Benchmarks & extensive tests to guarantee optimal service quality.



Maintenance & Growth

Ongoing technical support for your deployed solution.

Possibility to implement new features.



With several years of experience in distributed computing, our team of experts provides effective solutions for all types of blockchain challenges.



The initial 5-years roadmap was achieved in only 3 years.



40
employees, including 6 PhDs



5
Departments



Lyon
Headquarters in France

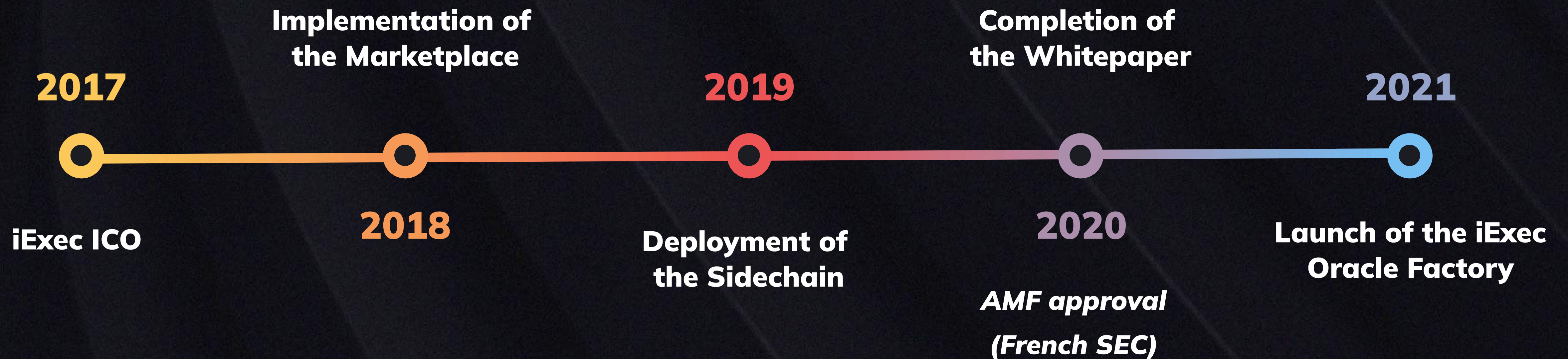
Adoption

Enterprise

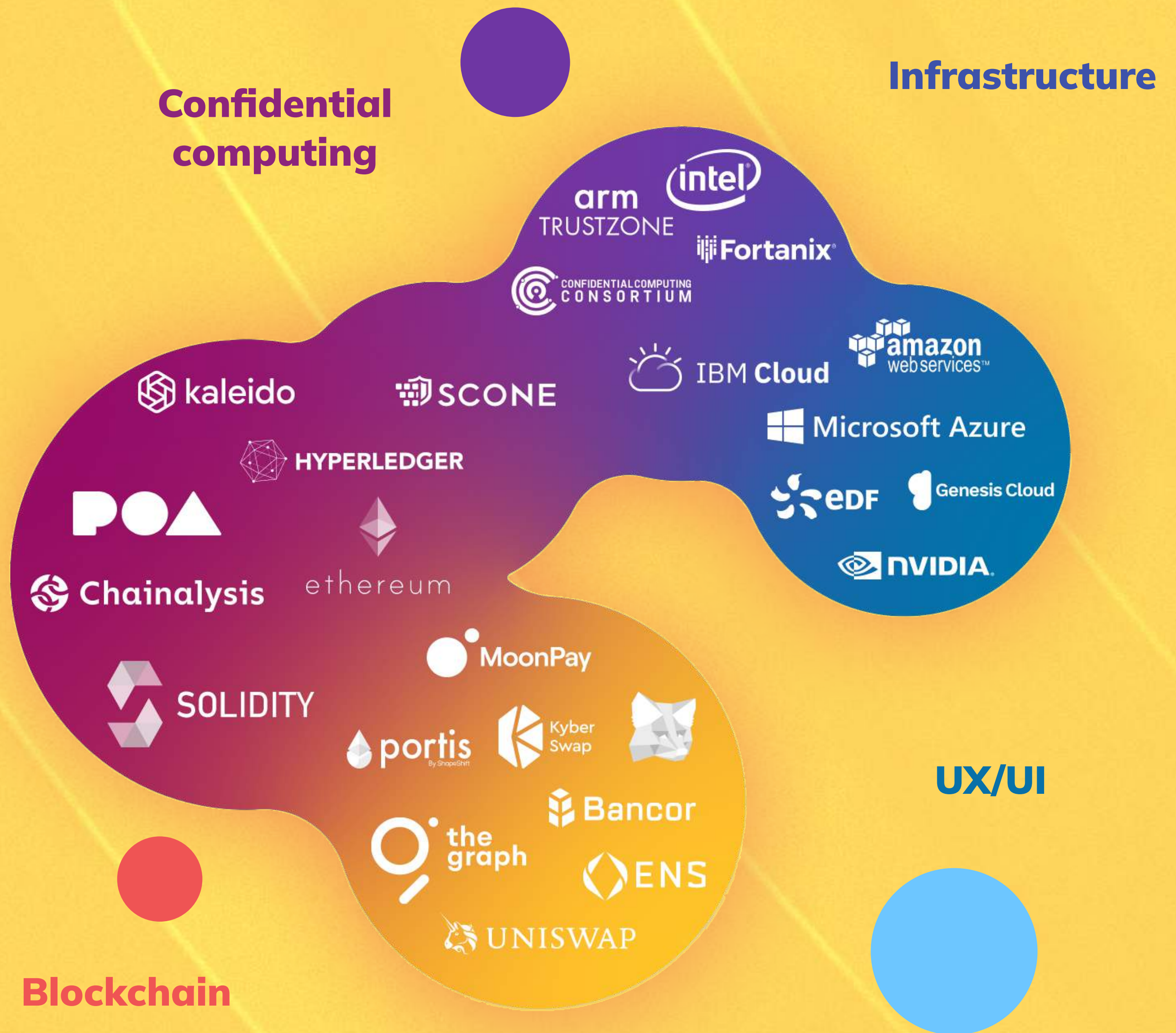
Products

Research

Tech

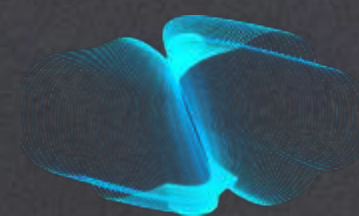


**We partner with
innovative
organizations that
span the IT
industry.**



iExec is deeply involved in research & innovation,
**providing French or European projects with its
expertise in blockchain and technical resources.**

iExec especially provides its technical stack
to the following projects :



DataCloud





“ Build a blockchain-based ecosystem for trustworthy content handling & information exchange ”



European
Commission

Horizon 2020
European Union funding
for Research & Innovation

Research topics

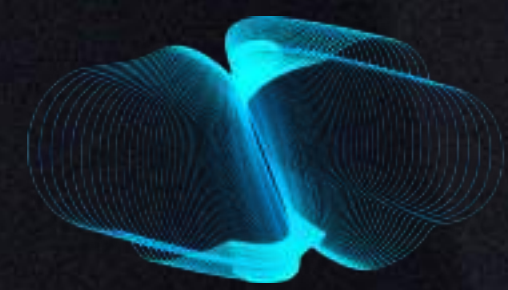
Semantic Web,
Decentralized Identities,
Trusted Oracles.

2020–2023

Total budget : 6M€
<https://ontochain.ngi.eu/>

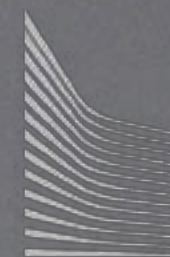
6 members

iExec (France) ; German-Hellenic Chamber of Industry & Commerce (Greece) ; Athens University of Economics & Business (Greece) ; F6S Network (Ireland) ; IntelliSemantic (Italy) ; University of Ljubljana, Faculty of Computer & Information Science (Slovenia)



DataCloud

**“ Enable the Big Data
analytics pipelines in the
Cloud-to-Edge Computing
Continuum ”**



European
Commission

Horizon 2020
European Union funding
for Research & Innovation

Research topics

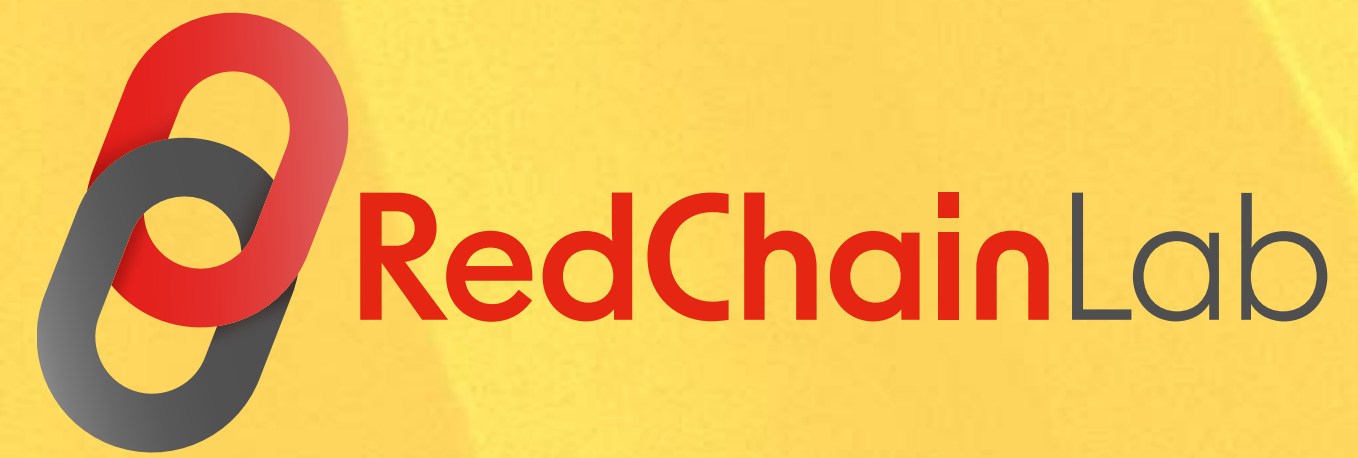
Fog & Edge Computing,
Big Data,
Healthcare,
Industry 4.0.

2021–2024

Total budget : 5M€
<https://datacloudproject.eu/>

10 members

University of Klagenfurt (Austria);
iExec (France) ; Bosch (Germany);
Ubitech (Greece) ; Catalano (Italy);
Sapienza, University of Roma
(Italy); Tell.U (Norway) ; Mog
Technologies (Portugal) ; Sintef
(Scandinavia) ; JOT (Spain) ; KTH
Royal Institute of Technology
(Sweden)



**“ Building resilient and
efficient decentralized
marketplaces using
blockchains ”**

Research topics

Blockchain scalability,
confidentiality, ZK Rollups.

2021–2024

6 members

iExec

INSA Lyon (part of the National
Institutes of Science and
Technology)

CNRS (The French National Centre
for Scientific Research)



Our Strategic Research Partners



**Want to learn more
about creating value
for your business using
Blockchain?**

Reach the team



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Edouard Pogu

Business Developer

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Thank *you* !

