everis
an NTT DATA Company

Blockchain

Beyond the hype: what blockchain really brings.

Hello!!

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everis at a glance

everis an NTT DATA Company is a multinational consulting firm providing business and strategy solutions, application development, maintenance, and outsourcing services.

TURNOVER OF

2015 **816€**
2014 **691€**
2013 **608€**

MILLION EUROS

ALMOST

18.000

PROFESSIONALS

OPERATIONS IN

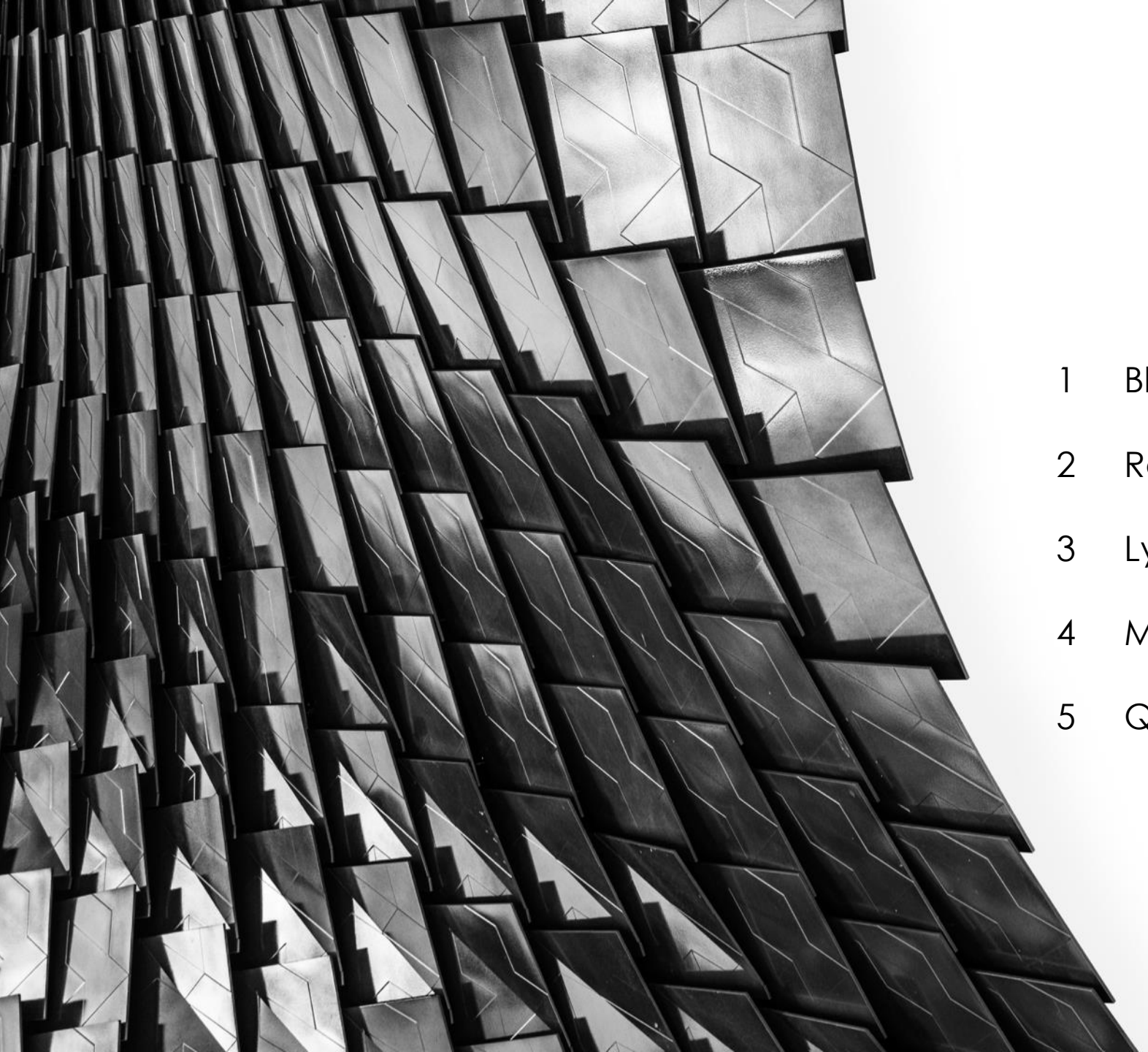
15

COUNTRIES

ARGENTINA - BELGIUM - BRAZIL - CHILE - COLOMBIA - ITALY - MEXICO – MOROCCO - PERU - PORTUGAL - SPAIN - UK - USA – LUXEMBOURG

NTT DATA is the 10th ICT Service company in the world. We work together with clients to generate innovation that is underpinned by the best attributes of quality and cost. We aim to put clients first in all we do. **NTT DATA** is part of **NTT GROUP**.

NTT DATA
Global IT Innovator



1 BlockChain & Physical internet Blockchain

2 Regulation: Is Europe Getting It Right?

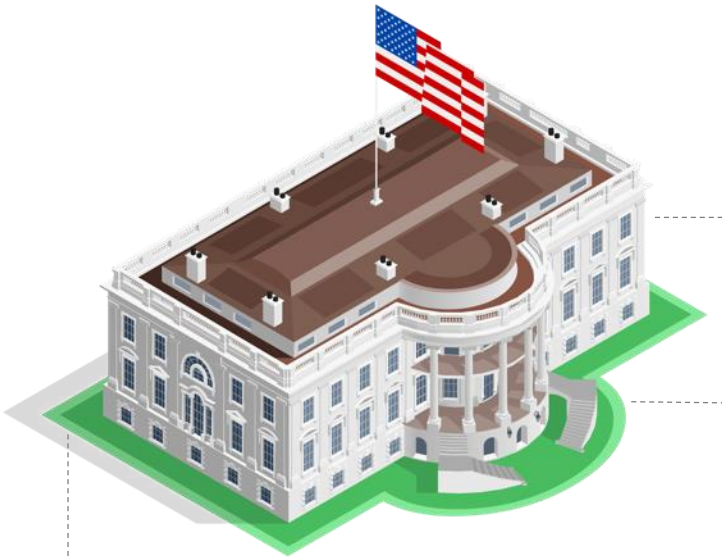
3 Lyra Consortium

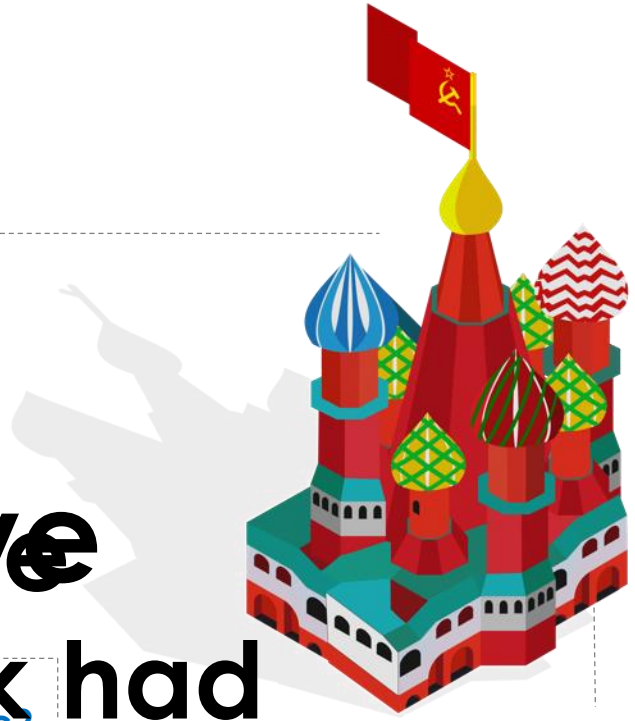
4 Making things happen

5 Questions

Introduction

The current communication model is not effective





Transparency and consensus

Fast and automated processes

Smart contracts

B-52 leaves the hangar #7382gf731c2

B-52 loaded #54fd66274312

Bomb inside the hangar #66273d854512

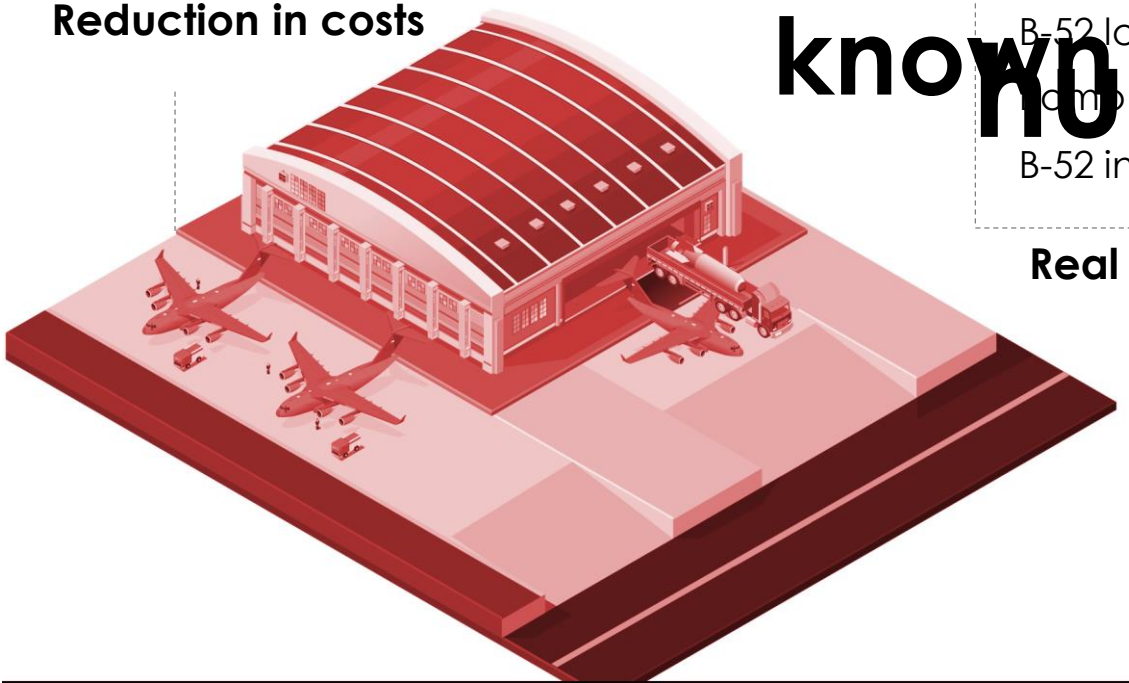
B-52 inside the hangar #FF3327h12

Real time visibility

Immutability of historic

Full traceability

Reduction in costs



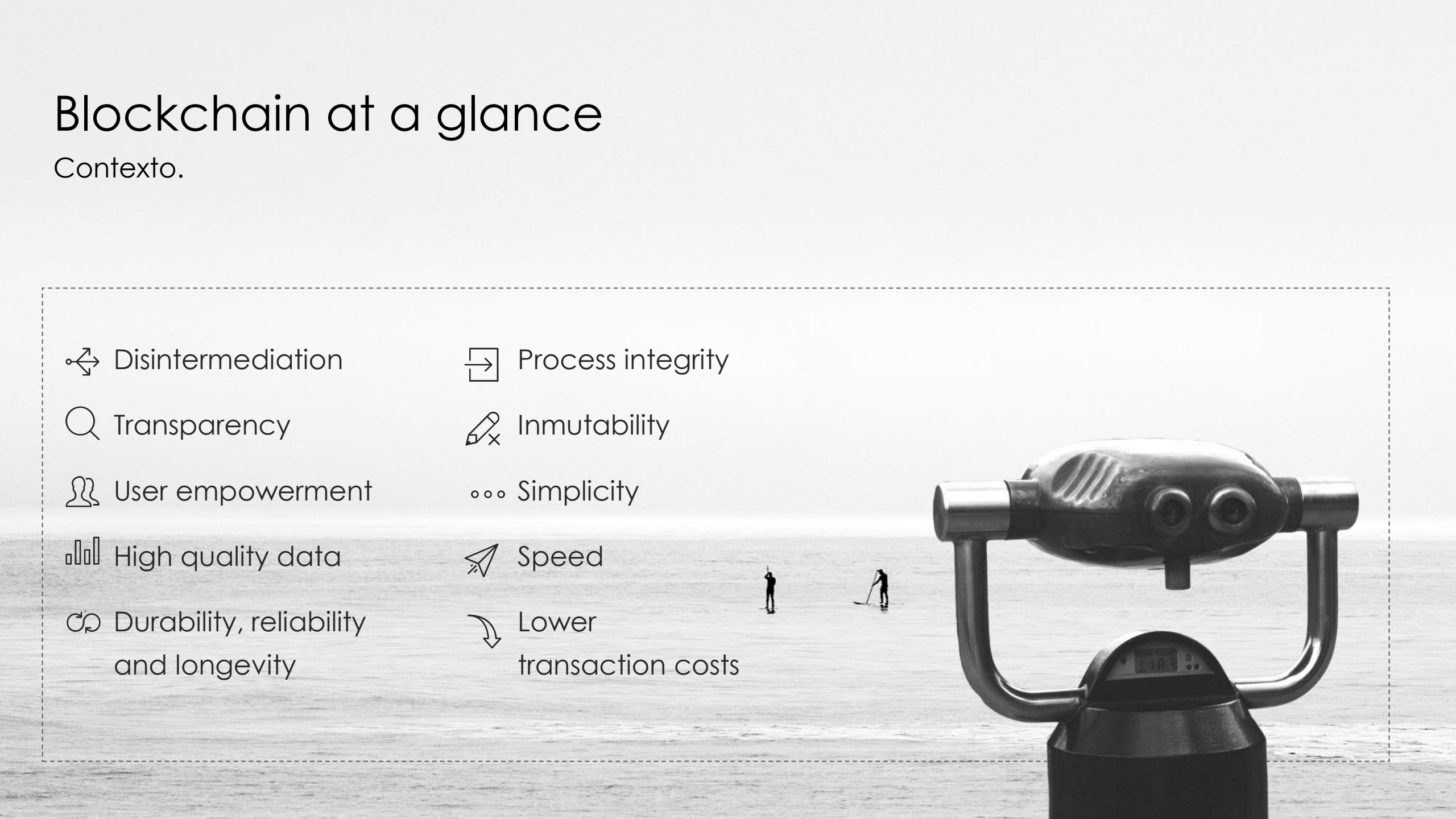
What would have happened if Mr. Kubrick had known blockchain?

We would have saved humanity..

Blockchain at a glance

Contexto.

- Disintermediation
- Transparency
- User empowerment
- High quality data
- Durability, reliability and longevity
- Process integrity
- Inmutability
- Simplicity
- Speed
- Lower transaction costs



01 **Blockchain technology** is the missing link to **settle privacy and reliability concerns in the Internet of Things.**

02 It can be used in tracking billions of connected devices, enabling the processing of transactions and coordination between devices; this allows for significant savings for IoT industry manufacturers.

03 This decentralized approach would **eliminate single points of failure, creating a more resilient ecosystem for devices to run on.**

04 The cryptographic algorithms used by blockchain would make consumer data more private.

05 **The ledger** is tamper-proof and **cannot be manipulated** by malicious actors because **it doesn't exist in any single location, and man-in-the-middle attacks cannot be staged** because there is no single thread of communication that can be intercepted.

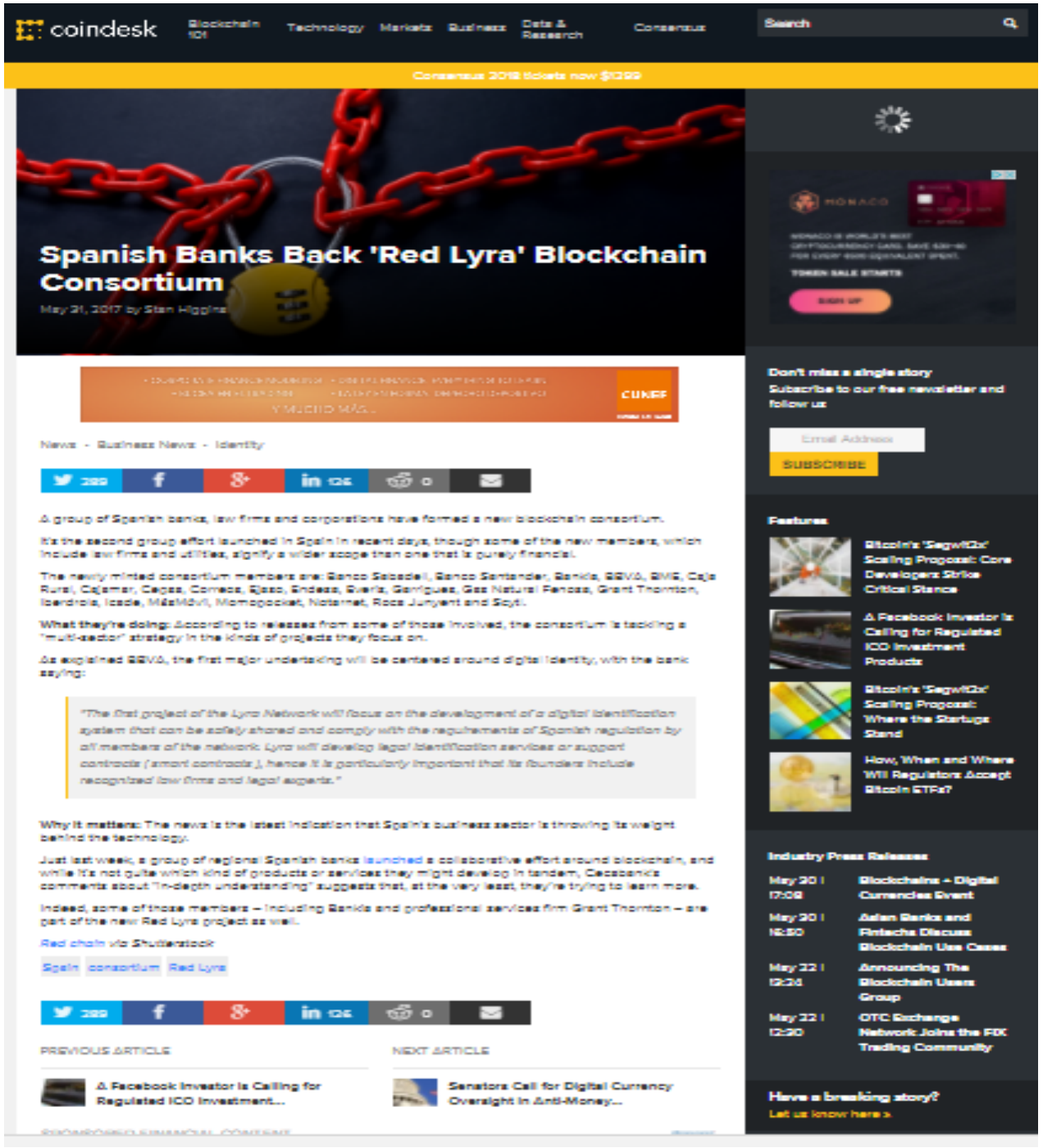
06 In an IoT network, the blockchain can keep an immutable record of the history of smart devices.

07 This feature enables the autonomous functioning of smart devices without the need for centralized authority.

08 As a result, the blockchain opens the door to a series of IoT scenarios that were remarkably difficult, or even impossible to implement without it.

Regulation

LYRA Consortium



http://redlyra.es

The semi-public Spanish Blockchain network

The Lyra Network is a multisectoral consortium of innovative companies based in Spain, which will initially adopt the legal form of non-profit association, whose objective is the creation of a technology platform Distributed Layer Technology type (DLT or Blockchain) (the "Association"), consortium and with basic services regulated or adapted to the Spanish legislation, which enable the development and exploitation of distributed applications within the Spanish territory.

Lyra's definition can be resumed as the "semi-public and permissible Blockchain, specialized for use in an environment subject to the Spanish regulation".

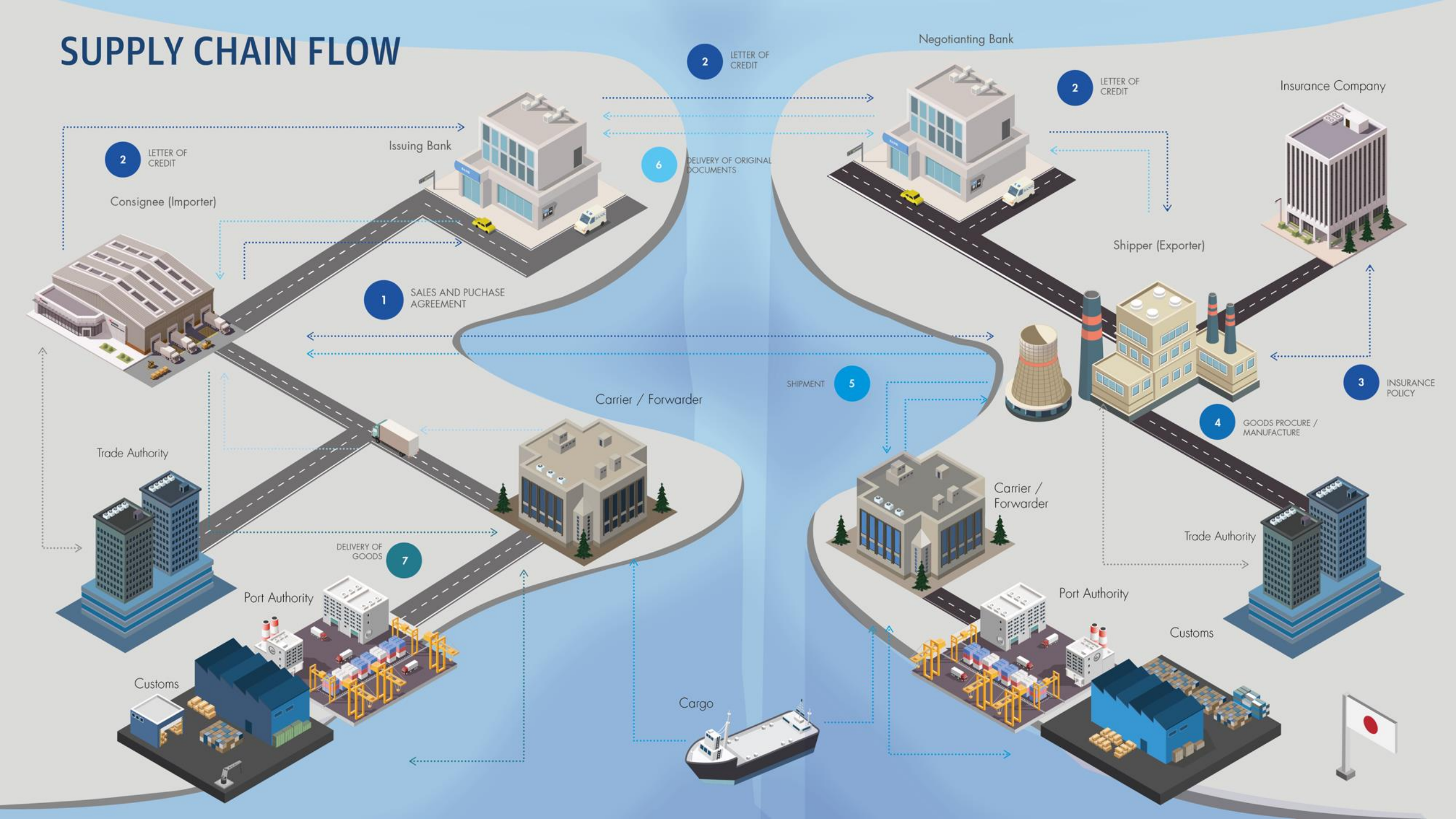
everis is one of the founding members of the recently announced Lyra Network, Spain's first multisectoral consortium, founded to combine efforts in the creation of a cross-cutting, open-code and neutral platform based on the 'blockchain' and distributed ledger technologies (DLT).

BBVA, Banco Sabadell, Santander, Bankia, BME, Caja Rural, Cajamar, Cepsa, Correos, Ejaso, Endesa, **everis**, Garrigues, Gas Natural Fenosa, Grant Thornton, Iberdrola, Comillas ICADE, MásMóvil, Momopocket, Notarnet, Roca Junyent y Scytl are just some of the businesses and institutions that have already joined this partnership, which remains open to new members.

Making Things Happen

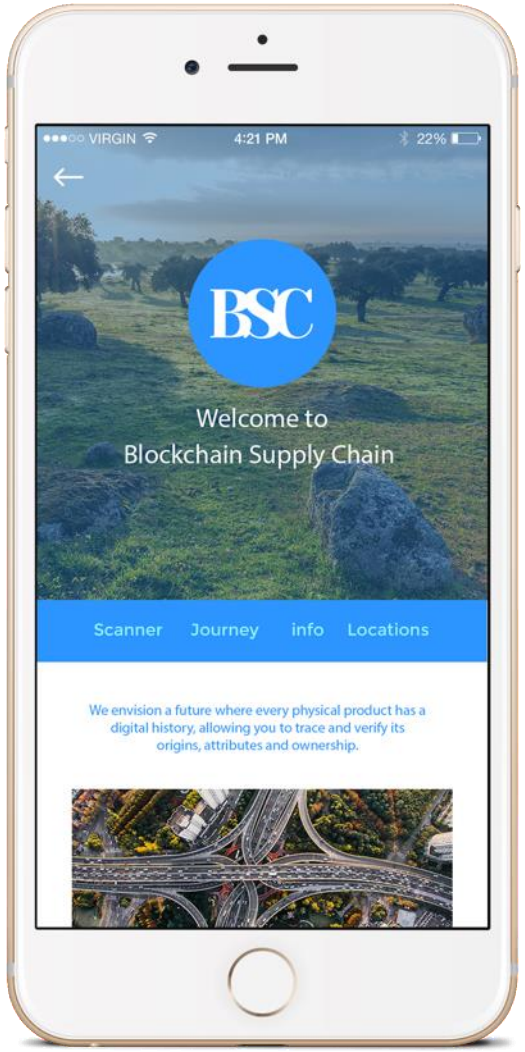
This is the present

SUPPLY CHAIN FLOW



This is what we do

Blockchain App



Thank you!!

We’re delighted to have
the opportunity to work with you
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