Infrachain

digital luxembourg
innovative initiatives.

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BLING Webinar: The Uncertain Promise of Blockchain – 21/1/2021

Is the blockchain promise different for the public sector than the private sector?

Potential to disrupt bigger in private sector

than in public sector?

Properly address challenges

Get everybody involved

(change management)

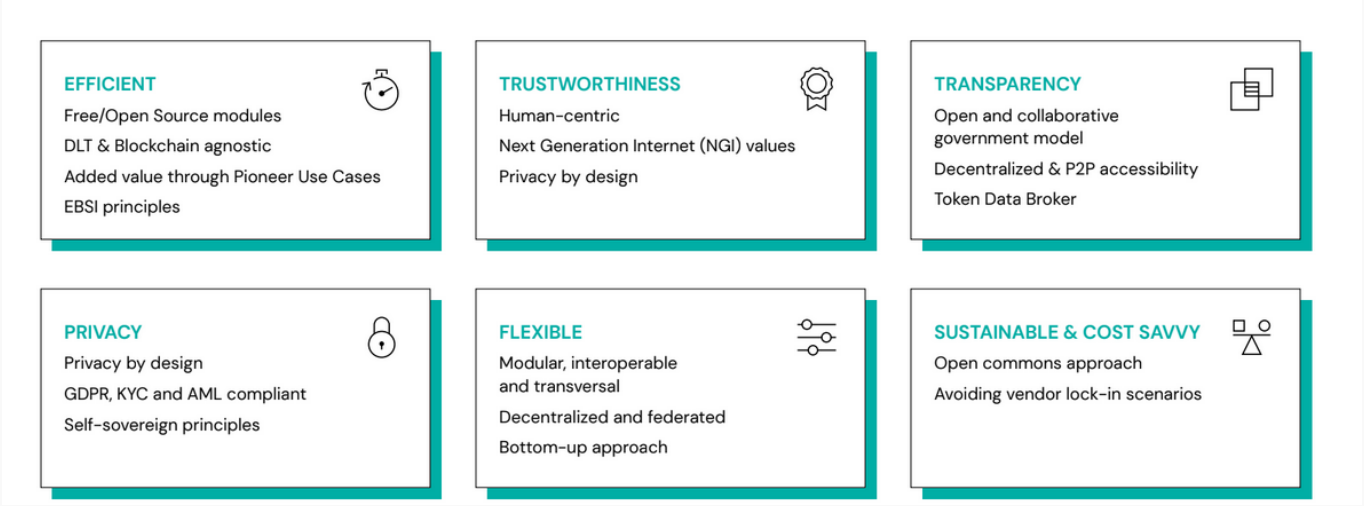
Example: TOKEN

'TOKEN' aims at developing an experimental ecosystem to enable the adoption of Distributed Ledger Technologies (DLT) as a driver for the transformation of public services towards an open and collaborative government approach.

Token has received funding from the European Union's Horizon 2020 research and innovation programme under the Grant Agreement no 825268.

Token

Benefits



Token

TOKEN PUCs

Public Funding Distribution

OBJECTIVE
Bringing experience in cascade funding projects.

BENEFITS
Reduced administrative burden, increased transparency and complementarity.

PUBLIC SERVICE
Grant distribution via competitive open calls.

PROBLEMS TO BE SOLVED
Red-tape burden, lack of transparency and trust, data silos, double granting, biased distribution.

SERVICE OPERATOR
Public Private Partnerships among EC and not-for-profit.

EARLY ADOPTERS
The European Commission, Ministries and regions.

Public Accounts Management

OBJECTIVE
Incorporating blockchain into active Smart Cities projects in Central Macedonia: Municipality of Katerini (MUKA).

BENEFITS
Saving costs and time, increased trust, real time expenditures, audit trials, blockchain-based E-voting system for citizens.

PUBLIC SERVICE
Public procurement.

PROBLEMS TO BE SOLVED
Red-tape burden, lack of transparency and trust, data silos, double granting, corruption.

SERVICE OPERATOR
Katerini Municipality.

EARLY ADOPTERS
Public authorities in general.

Urban Logistics

OBJECTIVE
Assessing the specific value of DLTs for urban mobility.

BENEFITS
DLTs and IoT for more efficient logistics service and pricing. Greater customer satisfaction; and less congestion for the city.

PUBLIC SERVICE
Mail post / mobility.

PROBLEMS TO BE SOLVED
Last mile logistics in Smart Cities, automation of delivery processes.

SERVICE OPERATOR
Public Private Partnership among Ministry-city and business operators.

EARLY ADOPTERS
Smart Cities.

Data valorisation services

OBJECTIVE
Improving citizens' lives whilst also increasing urban services efficiency and exploring new economic models, based on data valorization.

BENEFITS
A transparent solution to the evaluation and valorisation of the use of data by third-parties, regardless of who owns the data.

PUBLIC SERVICE
Smart City services.

PROBLEMS TO BE SOLVED
Market valorization of data sets generated by Smart City IoT Platforms.

SERVICE OPERATOR
Santander Municipality (Spain).

EARLY ADOPTERS
Smart Cities.

Token

Conclusion

Do your homework

Thank you

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