



Blockchain and the City Challenge Use Case 5 Summary

*Hosted by La Ruche Industrielle, Lyon, France
13-15 November Hackathon and Workshop*



Trucks and the City

Use Case context: Secure truck conformity to city and EU regulations

There are increasing restrictions in cities regarding environmental concerns, such as CO2 emissions and behavior, for example speed and geolocation. We need to secure that our urban distribution trucks entering cities comply with all local restrictions and global regulations. Decreasing CO2 emissions of transported goods implies making sure the trailers are fully loaded. We need to secure that trucks entering the city area are not empty and are loaded to a minimum specified ratio.

Use Case expectations:

The contestant should help us find a way to secure that trucks entering cities and low emissions areas are compliant with regulations. Also, what services can we propose on CO2 reporting (e.g. CO2 costs for goods transported).

Assets requirement:

Hardware

- Tbf. Volvo will provide some data, specification and hardware as inputs

Digital assets

- No requirement on the Blockchain technology
- OS code preferred

Should you have any questions :

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