A TRANSPORTATION REVOLUTION IS UNDERWAY

Old World

Individual and internal-combustion engine transportation

New World

Electric, autonomous, and connected fleets operating a shared ride-hailing service

The mobility service of the future will transform cars into networks: Autonomous Mobility Networks (AMNs)
WE ENVISION THE FUTURE OF MOBILITY AS AN AUTONOMOUS SHARED NETWORK...

Electric, autonomous fleet

Unique media experience

Transports passengers and cargo
...TRANSPORTATION TODAY: BAD FOR PEOPLE, BAD FOR THE ENVIRONMENT

HIGH PRIVATE VEHICLE UTILIZATION

66%
% of Europeans use a private vehicle to travel\(^{(1)}\)

LOW OCCUPANCY PER VEHICLE

1.2
passengers per vehicle in Europe\(^{(2)}\)

TRAFFIC IMPLIES MONEY LOSSES

€100 Bn
in costs due to congestion in Europe \(^{(3)}\)

TIME WASTE DUE TO CONGESTION

5.5
days spent in traffic every year by Europeans \(^{(4)}\)

\(^{(1)}\) The European Commute
\(^{(2)}\) EEA Occupancy Rates
\(^{(3)}\) Endurance Congestion Charging
\(^{(4)}\) Inrix Hours Lost in Congestion
TO MAKE IT A REALITY, OVER $80 BILLION HAS BEEN INVESTED IN AUTONOMOUS DRIVING TECHNOLOGIES AROUND THE WORLD

Europe is lagging way behind in the Autonomous Mobility race

Total investments in US $ (1)

(1) McKinsey, The future of mobility is arriving early. Investments in the 2010-2018 period
COVID-19 IS INCREASING THE GAP BETWEEN LEADERS AND FOLLOWERS
Building a European Solution for autonomous driving will require billions of investment that none European corporate nor Government can afford.

SOLUTION?

Develop a Licence based Regulatory Framework that allows the development of Autonomous Mobility Networks in Europe inspired by the successful regulation of the telecoms sector in Europe.

The regulation of the telecom industry through a limited number of national licences, allowed European companies to build a competitive and successful industry, creating close to a Trillion Dollars of equity value in Europe and providing users universal coverage.
# ONLY A LICENSING SYSTEM CAN SECURE AND FAST TRACK AUTONOMOUS MOBILITY NETWORKS

<table>
<thead>
<tr>
<th>Benefits</th>
<th>Harmful outcomes if not covered</th>
<th>Homologation-based only</th>
<th>Authorization with EU-limited ownership</th>
<th>AMN licensing system with a limited number of licenses</th>
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</thead>
<tbody>
<tr>
<td>Meet safety and security standards</td>
<td>A free competition would lead to a price war that would put people in jeopardy. Operators shall not compete on safety nor on security.</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
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<tr>
<td>Meet social requirements</td>
<td>Universality, privacy by design and a fair pricing can only be achieved through cooperation with the local mobility authorities.</td>
<td>✗</td>
<td>✔</td>
<td>✔</td>
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<tr>
<td>Match the heavy investments needed</td>
<td>Only secured cash flows can enable infrastructure and operations investments needed from day-1. Organic growth would lead to a poor quality of service.</td>
<td>✗</td>
<td>✗</td>
<td>✔</td>
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<tr>
<td>Avoid the risk of winner-takes-all</td>
<td>The network effects - that applies to mobility services - lead to monopoly or duopoly with a risk of critical loss of control for the states if it is not monitored.</td>
<td>✗</td>
<td>✗</td>
<td>✔</td>
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<tr>
<td>Secure organized and stable operations</td>
<td>Unlike the eScooters jungle, people and goods transportation must be organized in a way that complies with its urban environment to ensure quality of service.</td>
<td>✗</td>
<td>✗</td>
<td>✔</td>
</tr>
</tbody>
</table>

Examples include: Automotive, Ride-hailing, Telcos
AMNs BASED ON FIVE KEY PILLARS

1. **Safety**
   - Define a regulation that ensures passenger safety and data protection

2. **Universal and fair access**
   - Ensure equitable and universal service on the territory

3. **Fair competition**
   - Avoid a “winner takes all” scenario

4. **Efficient allocation of public assets**
   - Ensure the best usage of roads and other public infrastructure

5. **Multidisciplinary Collaboration**
   - Orchestrate the involvement of different stakeholders in a simple manner
AMN | A MULTIDISCIPLINARY CONSORTIUM

1 AD technology + 1 OEM + 1 Operator + 1 Mobility platform

Infrastructure

Self-Driving Vehicle
- HIGHWAY / TOLLING
- ROADS / LANES
- TRAFFIC SIGNS (V2X)
- REGIONS / CITIES
- TELCOS
- MAPS
- AV SW
- AV HW
- OS
- CYBERSECURITY
- CONNECTIVITY
- VEHICLE
- SAFETY DRIVERS
- FLEET MANAGEMENT & CONTROL CENTER

Fleet Operations
- ENERGY CHARGING
- MAINTENANCE

Mobility Platform & Services
- PRODUCT
- INSURANCE
- DISPATCH & LOGISTICS ALGORITHMS
- BACKEND CLOUD
- MOBILITY USER APPS
- PAYMENT
- API
GOGGO’S ROLE AND OBJECTIVES IN THE ECOSYSTEM

GOVERNMENT
Help develop a **Regulatory Framework** for AMNs based on **limited national licenses**

CORPORATES
Build a **Consortium** best prepared to operate a **safe, efficient and sustainable AMN**

Goggo’s end goal

Become an **operator** and **win an AMN license**

AMNs market value for the 3 winning consortia

Goggo’s % ownership share of one AMN
IN OUR LATEST SERIES A

€44 million in funding

Press

SoftBank Group

axel springer

LE FIGARO CincoDías Börsen-Zeitung