Intelligent Car Charging Stations: Powering the Future of Sustainable Mobility
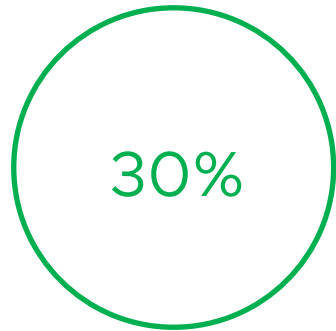
Co-Innovation project by VMware & Alperia Neogy
(Alperia Group)

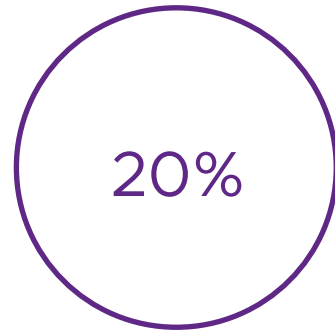Link per video emozionale del progetto:

https://via.vmw.com/alperia-innovation

Green energy goes Smart with VMware

Alperia produces energy from renewable sources
& operates an electricity grid covering more than **8,000** Km

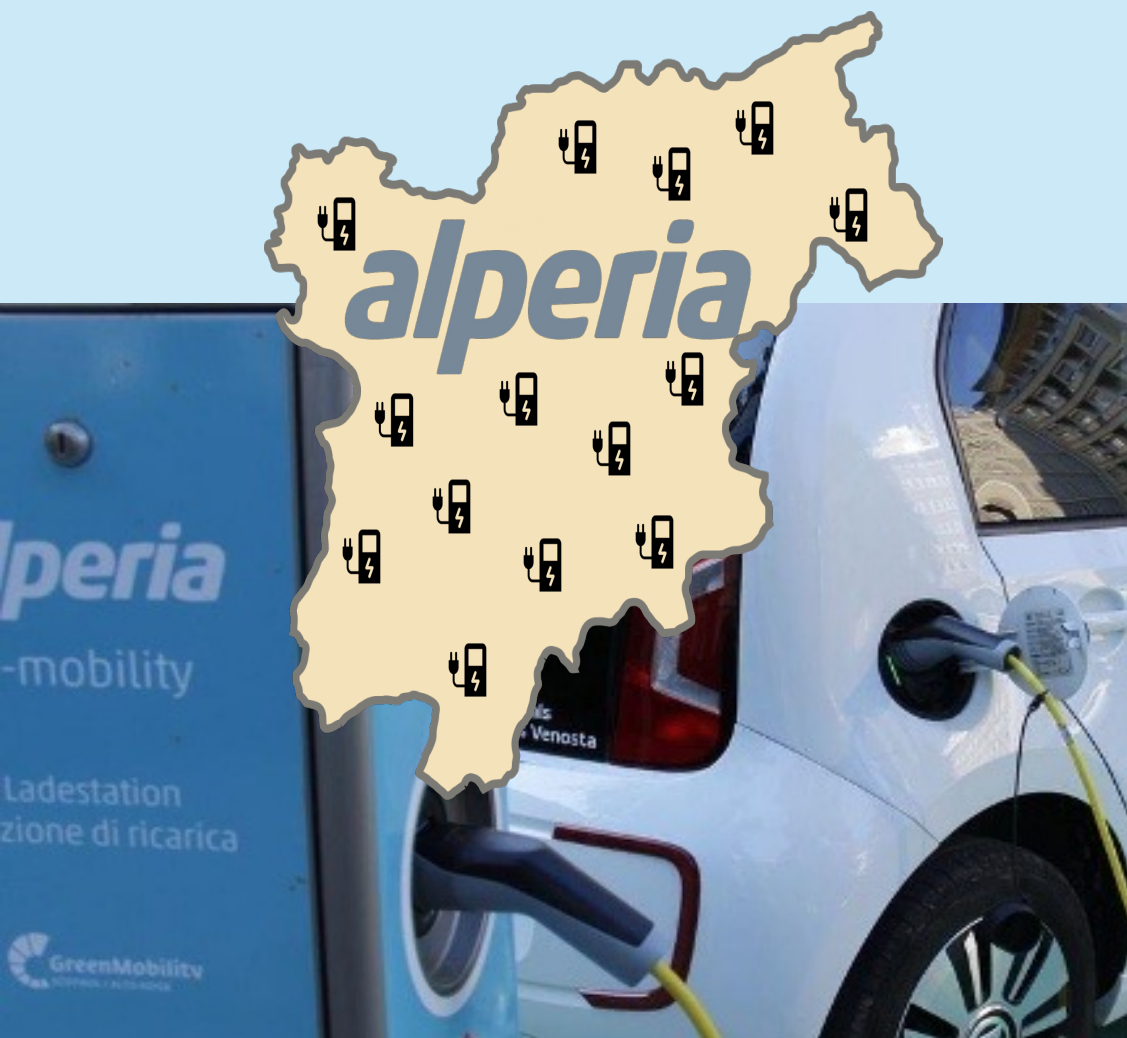| 30%	20%	30-40%	Time for Innovation
Processing costs reduction	Total management costs decreased	IT management load reduced from 5 to 2 data centers with new security posture	More Apps are delivered to citizens to manage the e-mobility and smart services

An agile and **secure cloud platform** based on **VMware Cloud on AWS** to support business growth and future acquisitions, & to build for **current and future employees** a digital workspace based on the Workspace ONE platform **deployed in 15 months**
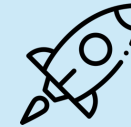
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Technology Partnership Global Advantages for the Ecosystem

smart region

Digital foundation enabling **smart region services**. Recharging station as a **Point of Presence**, pervasive services for **tourism**, **community**, **public safety**, **telecommunications**.
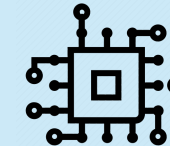
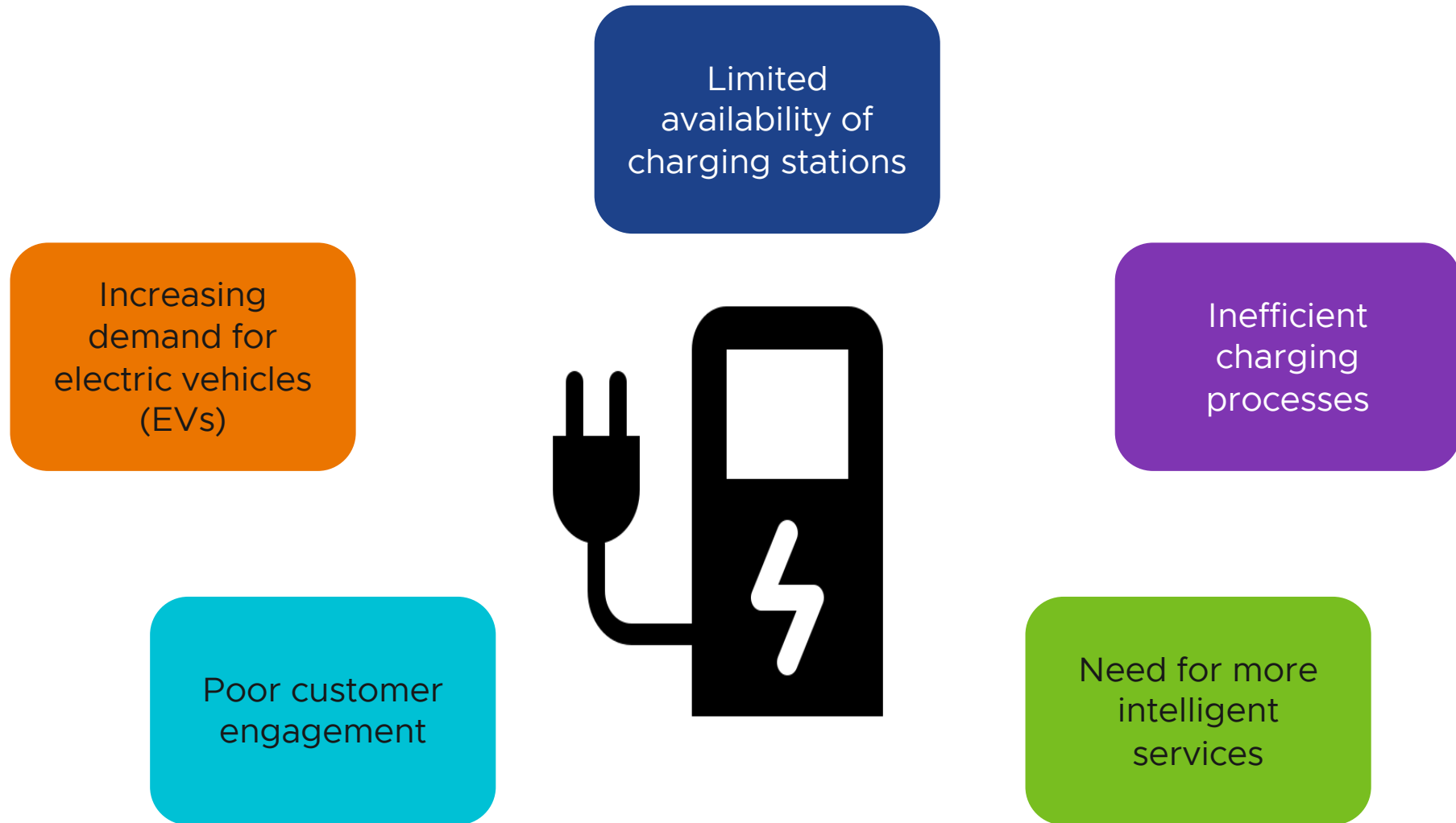Open innovation Region as a Lab

Technology Boost
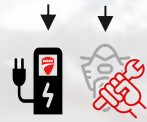
PartnershipVisibility

Ready for Future Technology

Replicable and exportable worldwide

Addressing Challenges In Car Charging Stations

Limited availability of charging stations

Increasing demand for electric vehicles (EVs)

Inefficient charging processes

Poor customer engagement

Need for more intelligent services

The Future of Charging Stations

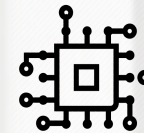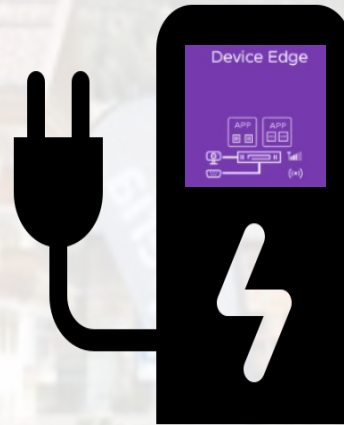## Improving Efficiency, Customer Engagement, and Service Quality

Predictive Maintenance

Customer Engagement

Dynamic Pricing

Smart Grid Integration

Data Analytics

Personalized Recommendations

Ready for future

Device Edge