Smart Transportation for Sustainable Development

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The Cities of the Future

1.3 million
Tons less of CO2 Emissions

1 million
Autonomous vehicles by 2030
Currently available in the app

6.7 trillion
km traveled with electric bikes in 2019

1 million
electric vehicles worldwide and counting
Assisted driving system
Includes automatic emergency braking, lane departure and pedestrian collision warning.

DiDi Smart Driver
Control panel that assists the driver at all times, maintains battery efficiency and allows fleets to be managed remotely.

Better experience
It has color codes, sliding doors, greater control of the atmosphere and entertainment.

D1: The world's first electric car designed for platform travel
Big data in mobility: The key for urban development
Smart Cities

- **Smart street lights**
- **Reversible lanes**
- **Digitalization of bus routes**
- **Airport Experience**
Smart Transportation Brain
Global

+2,500 intersections analyzed globally

10% to 20% decrease in road traffic on average

42% Increase of speed in main corridors
Smart Transportation in Mexico

- First cities in Latin America: Guadalajara and Puebla.
- Possible through direct collaboration with local state Governments.
- No additional infrastructure, analyzing 490 intersections with *big data*.
- Local authorities have exclusive access to a virtual and interactive dashboard.
- Allows for direct optimization of smart traffic lights.

First projects under the DiDi brand in Latin America
Expected benefits

- Reduce traffic congestion
- Reduce economic cost for society since people lose less time in traffic jams
- Reduce emissions and contribute to protecting the environment
- Evidence-based decision making
Real-time monitoring of 490 intersections in Guadalajara and Puebla via interactive and visual DASHBOARD.

HISTORIC analysis of traffic state at different intersections:
- TECHNICAL REPORTS every 15 days
- EVIDENCE-BASED DECISIONS

Offline and online optimization of intelligent/connected traffic lights based on results of phase 1 and 2.
The Smart Cities dashboard

1. Monitoring of intersections + day and time
2. Real-time congestion alerts
3. Visualization of delay per intersections
4. Name and general information of intersection
5. Signal plans per intersection
Our experience in Mexico

490 intersections in Mexico & +2,500 globally

320 intersections in Guadalajara

170 intersections in Puebla
In Guadalajara, DiDi was able to reduce the stop delay between 14% and up to 29%.

Results have been consistent over time, even when considering the effect of COVID-19 related restrictions.
This type of projects could yield great benefits for our cities...

- **1,100 hours saved per day**
- **400,000+ hours saved per year**
- **$3,600 USD saved per day**
- **$1,300,000 USD saved per year**

*Assuming a total of trajectories and a cost of $3.3 USD per hour (IMT 2019)*