



Photo: Marcio Nascimento/ASCOM/MCTI

Challenges and perspectives on mobility innovation in Brazil

Luiz Otávio Maciel Miranda



Secretaria de
Segurança Pública
e Defesa Social



**Conference on Global Perspectives on Law, Policy and Mobility Innovation
University of Michigan Law School – Ann Arbor, Michigan, USA, 7 February 2020**

Brazil: an overview

- ◆ Population: 210.147.125 (2019) / 27 States / 5.570 municipalities
- ◆ National vehicle fleet: 104.784.375 (December 2019)
- ◆ 1968 Convention on Road Traffic
- ◆ Regional Agreement on Road Traffic (1993): Argentina, Bolivia, Brasil, Chile, Paraguay, Peru, Uruguay
- ◆ Agreement on Road Transportation of Passengers and Cargo: France (French Guyenne) (2016), Guyana (2005), Venezuela (1999)
- ◆ Agreement on Reciprocal Recognition of Driving License: Italy (2017), Mozambique (2013) and Spain (2009)

Challenges

- ◆ Road traffic deaths (Source: Ministry of Health/ 2018: provisional data):

2011	2012	2013	2014	2015	2016	2017	2018
43.235	44.812	42.266	43.780	38.651	37.345	34.336	32.121

- ◆ 35% road traffic deaths: motorcyclists
- ◆ Hospitalization: 60% motorcyclists
- ◆ Municipalities with municipal traffic agency: 30%
- ◆ Municipalities with a urban mobility plan: 6%
- ◆ National road network: 1.720.700 km (94.7% state and municipal roads, 5.3% federal roads, 11.5% private companies) / 14% paved
- ◆ Road transportation matrix: 61% goods and 95% passengers.

Perspectives

- ◆ Federal Decree No. 9.557/2018 – Technical groups on:
 - Autonomous vehicles and steering assistance technologies: proposal of a National Plan on Autonomous Vehicles
 - Electromobility: strategies for electric mobility in the country and proposal of a National Electromobility Plan.
- ◆ National Policy on Professional Motorcyclists (Law No.12.009/2009)
- ◆ National Road Safety Plan 2019 - 2028
- ◆ National Policy on Urban Mobility (Law No. 12.587/2012)
- ◆ “VEM DF Program”: Electromobility in Federal District



Thank you!

luiz@detran.pa.gov.br



Secretaria de
**Segurança Pública
e Defesa Social**



GOVERNO DO
PARÁ