



# CODATU XVII - Plenary session New Paradigms of Mobility

Perspectives in the Developing World – Mr. Michel LARAMEE, CODATU



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# New Paradigms of Mobility, perspectives in the developing world

Our analysis is that we are at the beginning of 3 revolutions that will totally change urban mobility in the developing world during the 21st Century :

- **The urban revolution** : end of the world's urbanization ( + 500 million urban population in India in the next 25 years ; + 3 billion urban population in Africa before 2100)
- **The energy revolution** : projected CO2 emissions in urban mobility : + 140 % in 2050 with a business as usual scenario, mainly from developing and emerging countries
- **The digital revolution** : 5th age of urban mobility after (I) traditional mobility, (II) Congestion, (III) Adaptation, (IV) multimodal integration



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Each revolution represents risks but also tremendous opportunities for the developing world :

- **The urban revolution** → opportunities to avoid many mistakes made in the North (for ex. the supremacy of cars in public space ; the urban sprawl)
- **The energy revolution** : all efforts made by Cities in the North are worthless if Cities in the South continue on the same trend → opportunity to create a global alliance that will leverage programs like MobilizeYourCity (assistance to SUMP and NUMP)
- **The digital revolution** : digital applications, autonomous vehicles, electric mobility could change the fundamentals of urban mobility , optimize the operation of existing networks, improve planning through big data, create new practices, services & actors, → Ex. of new questions : will it initiate a strong come back of bicycles in cities through free electric floating systems ? Is Personal Rapid Transit (PRT) a relevant concept ? What will be the new economic models for urban transport authorities ? What are the impacts on urban form, density, or transit oriented development ?

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To manage this new complexity and uncertain future, it will be more relevant than ever to exchange ideas and experiences between Cities of the North and the South, so that :

- Developing cities can 'leapfrog' earlier ages of urban mobility
- The fight against Climate Change in Cities of the North can contribute to a smart growth of Cities in the South
- All cities can get the most out of the digital revolution and avoid potential negative impacts

**For all these reasons, CODATU is now launching a solemn appeal for a Global Alliance between Cities of the North and Cities of the South and will disseminate in 2018 a methodology to develop a new generation of City to City Cooperations.**

Thank you !

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