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autorité de régulation des activités  
ferroviaires et routières

## **Club of Regulators - Annual Conference**

### ***Disruptive Business Models and Regulation***

Anne Yvrande-Billon

Paris, 3 November 2016

## Digitisation of mobility for the benefit of consumers

- new usages of existing modes (car sharing, coach)
- new entrants and increased supply of services (Uber cabs)
- new tools to compare transport modes and prices and improve intermodality (comparators, route planners, interoperable ticketing systems)
- increased capacities to characterize and target demand (big data)
- competitive pressure on monopolies (rail sector)

## Digitisation of mobility as a challenge for regulators

- Increased competition **between** transport modes : which challenges?
  - redefine relevant markets (as multimodal) ?
  - analyze intermodal competition (rail / coach) and prevent cream-skimming with a multimodal approach → need for multimodal transport regulators (Italy, France)?
  - take into account risks associated with operators (especially incumbents)'s diversification (leverage effects)

## Digitisation of mobility as a challenge for regulators

- Intangible facilities and exclusionary conducts
  - Computerized reservation systems used to foreclose competitors on the airline transport market (US examples)
  - Control over information/data on trafic, timetables as a mean to exclude competitors not only on one downstream transport market

## Digitisation as an opportunity for regulators

- Toward a data-driven regulation : New technologies also mean increased capacities for regulators to :
  - collect and process existing data (timetables, capacities) on the upstream and downstream markets
  - « create » new indicators (e.g. on service quality)
- Necessary conditions :
  - legal power to collect data and sanction non cooperative behaviors (differences among EU regulators)
  - financial and human resources to become a « data cruncher »



Thank you for your attention