Urban Freight: Disruptor and Facilitator of Urban Growth

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Instant deliveries in **Buenos Aires**

Urban Freight On The Rise

- One million deliveries to businesses, restaurants, administrations everyday in New York City
- -AND ... **one million** deliveries to people's homes everyday: an <u>additional</u> mobility
- -Urban consumption patterns change fast: In China, a significant proportion of groceries to urban residents are ordered online and delivered
- -Time to increase knowledge, collect data, and promote innovation and clean transport



Jakarta: GO-SEND delivery

Urban Freight Generates Innovations, Formal and Informal

- Innovations in services **to consumers**: home deliveries, food apps, instant deliveries, automated lockers, logistics hotels
- New jobs supported by digital technologies: self employed couriers
- More **sustainable vehicles and operations**: electric vans, use of public transport to carry deliveries

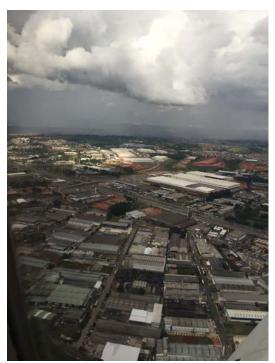




Shanghai: On street pick-up of online orders

Freight Needs To Be Integrated In The Urban Planning Process

- Warehousing development around cities, 'logistics sprawl'
- Urban redevelopment and large public transportation projects need to **anticipate freight needs**, and delivery services and facilities
- Reclaim industrial land for warehousing and promote urban warehouses and logistics hotels





Sao Paulo: A huge increase in warehousing