

Pilot timeline

TRANSPORTE URBANO DE CARGA:

UMA PERSPECTIVA GLOBAL

Politariana internaciona

- January: new Mayor

- July: Workshop CISLOG/USP VREF/SUFS

Politariana de transporte urbano de S. Paulo: innecessidad

- () Eperienda internacionali. Confee, New York, Kyoto

- () Futuro de pagazia en insternacio de transporte en So

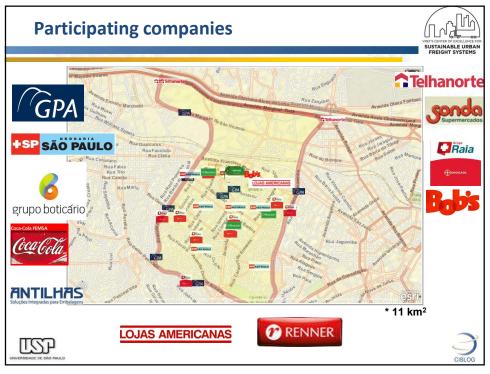
- () 19 de julho de 2013

Sele Paulo, Brail

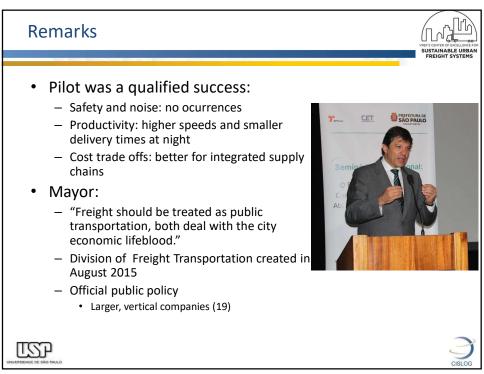
The pilot project in São Paulo City Evaluate night deliveries as a freight policy Mixed task force: SP traffic authority, carrier syndicate, retailer association, academia Main concerns Safety (people, cargo, property) Noise Productivity and costs 11 volunteer companies (big retailers) No cash incentives 45 establishments (stores) 3 waves, from Oct 2014 to Mar 2015 Extensive use of GPS data for evaluation

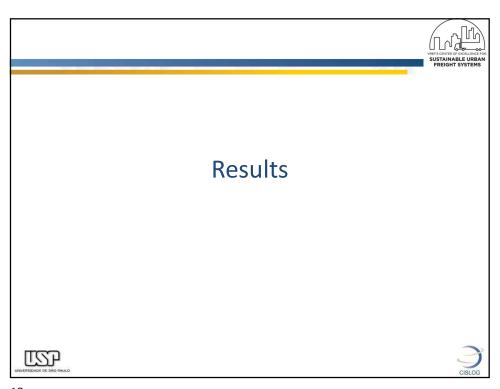
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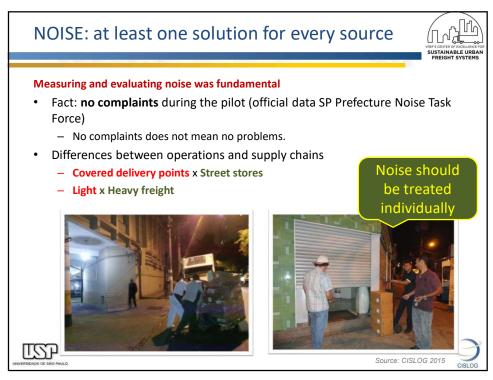


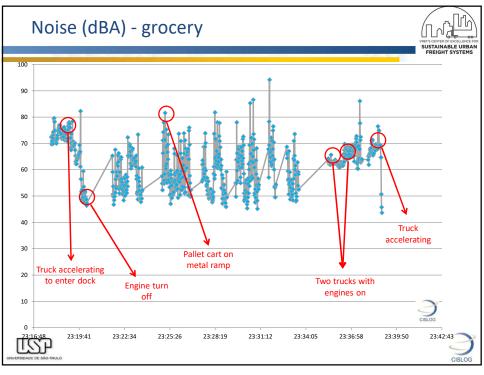


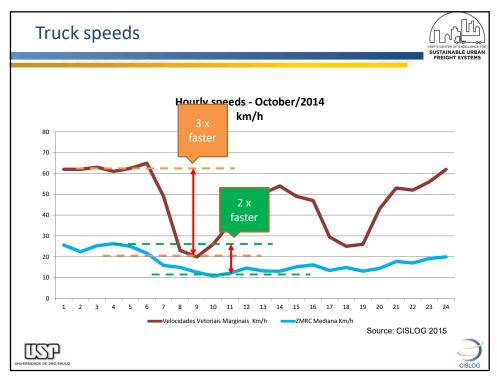














OTHER ASPECTS



- Store staff.
 - Availability of public transportation at night.
 - 69 % prefer to receive merchandise at night.
 - 65% stated that trucks are more punctual at night.
 - 73% stated that it is easier to confer and organize merchandise at night.
- Drivers.
 - 70% prefer driving at night.
 - Safety is an issue.
 - Less stressed at night: scale from 1 (less) to 5 (very much):
 - 1,27 (night) vs 3,17 (day).



CISLOG

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Incentives or volunteers?



- Vertical companies
 - Shipper is the carrier and the receiver
 - Distribution center
 - Private fleet
 - Mixes day and night operations
 - Homogeneous and heterogeneous fleet
 - Stores
 - Staffed (24/7)
 - Unstaffed
 - One vertical supply chain started implementation after pilot





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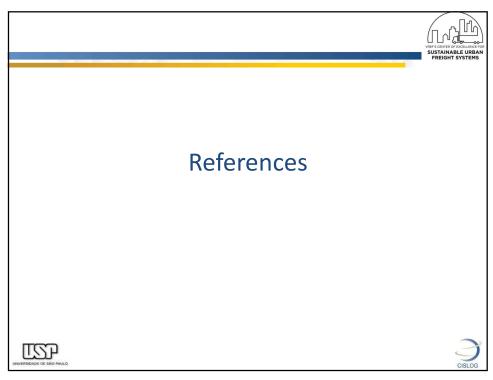
Important lessons

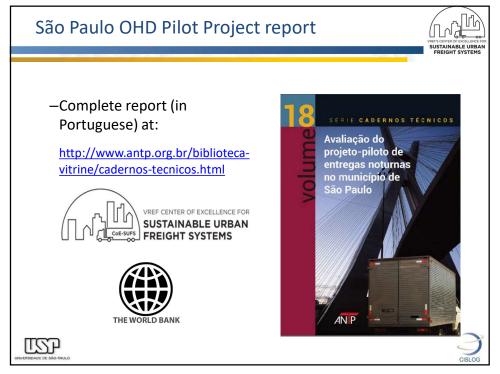


- · Public sector has a central role:
 - Regulation & Incentives
- · Academia as mediator/technical support
- · Necessity to consider all major stakeholders
 - Shippers/Manufacturers (IDV)
 - Carriers/Logistics service providers (SETCESP)
 - Receivers (consumers and companies)
 - Government
- There is no "one size fits all" solution
 - Each supply chain is different
 - Unassisted deliveries need investiment in security devices
- · There is a limit for volunteer participation
 - More (larger) companies are participating
 - Companies with vertical supply chains are natural candidates
 - Sharing gains and penalties of OHD along the supply chain









References



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