Distribución eficiente y ecológica
Bogota’s last mile Delivery Context

~40% PM$_{10}$ associated with freight transport

48% trips are made in lightweight vehicles

62% trips with origin and destination within Bogotá
Bogotá’s last mile Delivery Context

+ **140,000** nano stores with moderate sale of goods

Low storage capacity

**64% – 75%** trips with daily delivery frequency
Bicicarga
Efficient and ecological distribution
Contributions of Bicicarga in the DDP in:

Bogotá–Region

4. model of mobility, multimodal, inclusive and sustainable

5. with open, transparent government and conscious citizenship

Generate the conditions to increase zero and low emission vehicles to 6,500 *
What are we looking for?

Identify the requirements to create a **value network** around cycle logistics for urban last-mile delivery.

- **Public policy guidelines**
- **Scaling-up**
- **Knowledge**
How does the pilot work?

Model 1: In-house last-mile distribution
Private distribution centers

Model 2: Collaborative cross-docking platform
Strategic zone of the city
Implemented in different areas of the city

- Company 1: 17 Km², 4 Km
- Cross-docking platform: 3 Km
- Company 2: 11 Km², 4 Km
- Company 3: 7 Km², 2.8 Km

Zone
Num. of vehicles

1
1
What does the project contribute to?

- Logistics efficiency
- Environmental impact
- Social impact
- Economic impact
Preliminary results

Model 1 – E-commerce

3 months

- 50 kg
- 100 kg

1,600 km

270 Kg CO2 saved

580 deliveries

Model 2 – Manufactured food products

1 month

- 1 ton
- 250 kg

600 km

250 Kg CO2 saved

2,300 deliveries

300% delivery/km
Challenges and opportunities

Infrastructure

Regulatory framework

Technologies

Articulation with stakeholders
Innovative approaches to strengthen last mile Delivery

TRANSPORT PACT FOR AIR QUALITY

BARRIOS VITALES

E-COMMERCE PILOT
Thank You

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