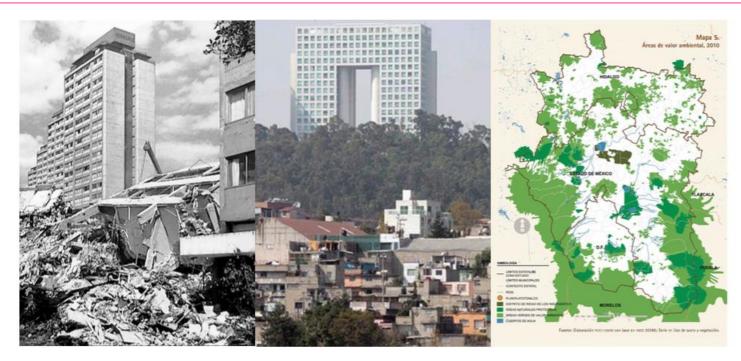
#### **Resilient CDMX**

- In 2013 CDMX was chosen to be part of the 100RC network.
- Opportunity for CDMX to share and learn experiences with the global community to build resilience to the impacts associated with climate change and risks from natural and human disasters.
- The CDMX Resilience Strategy was launched in september 2016.
- The Agency of Resilience was created in september 2017.



#### **CHALLENGES**



Multiple risks due to geographic location and socio-economic context.

Social and spatial inequality & high vulnerability to climate change.

Integrated long-term planning & regional coordination.



#### **RESILIENCE STRATEGY**

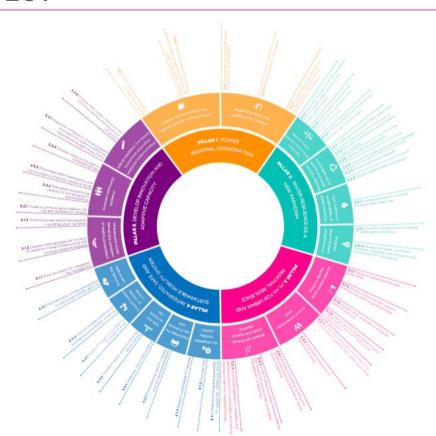
MEXICO CITY RESILIENCE STRATEGY



**IMPROVE** MOBILITY THROUGH AN INTEGRATED, SAFE, AND SUSTAINABLE SYSTEM



DEVELOP INNOVATION AND ADAPTIVE CAPACITY



ADAPTIVE. INCLUSIVE, AND EQUITABLE TRANSFORMATION



FOSTER REGIONAL COORDINATION



PROMOTE WATER SUPPLY RESILIENCE AS A NEW **PARADIGM TO** MANAGE WATER IN THE **MEXICO BASIN** 



PLAN FOR **URBAN AND** REGIONAL RESILIENCE

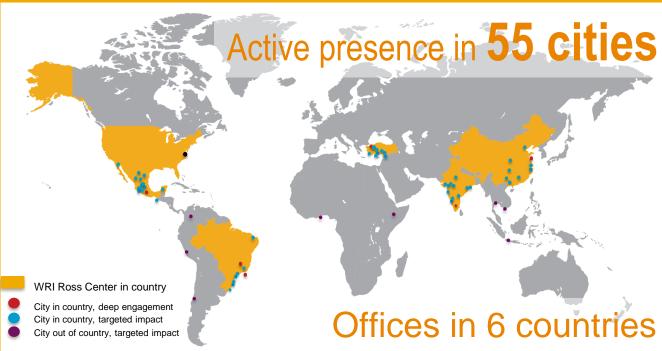




### World Resource Institute - WRI

Think tank. Our approach involves three essential steps:

Count It, Change It, and Scale It.





### **World Resource Institute - WRI**

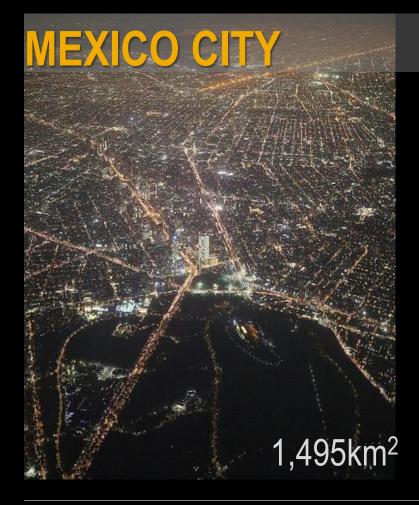
Think tank. Our approach involves three essential steps:

Count It, Change It, and Scale It.

Programs. Climate, energy, food, forests, water, and cities.

TOPICS. Mobility/Transport
Energy and Climate Change
Urban development

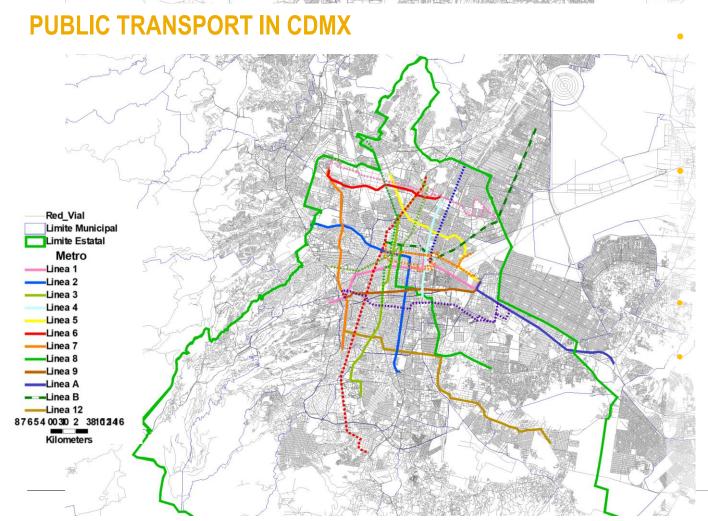








Photographies: Santiago Arau world resources institute méxico



Subway: 12 lines, 224 km, 5 million passengers

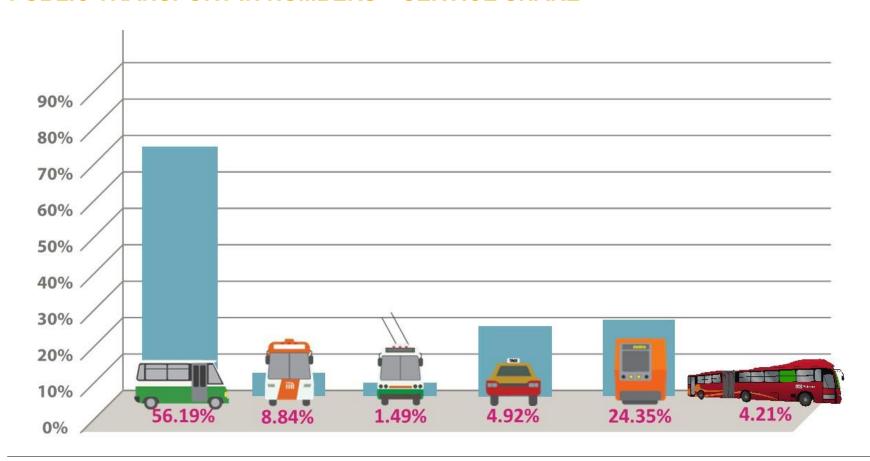
**Metrobus:** 

7 lines 140 km 1.3 million passengers

2 public transit operators

Few private operators companies and 30 thousand concessions in the "one scrap one man" model – 12 million trips

#### **PUBLIC TRANSPORT IN NUMBERS – SERVICE SHARE**



# 70% of daily travels are done in public transport

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Complex system to manage + 20 m people in normal conditions

### 70% of daily travels are done in public transport

Complex system to manage + 20 m people in normal conditions

Now imagine under EXTRAORDINARY CONDITIONS...

# **#19S**

12:00 pm - Drill

1:14 pm - Earthquake



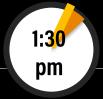
7.1 on the Richter scale

Photography: Santiago Arau world resources institute méxico



# **REFORMA AVE**





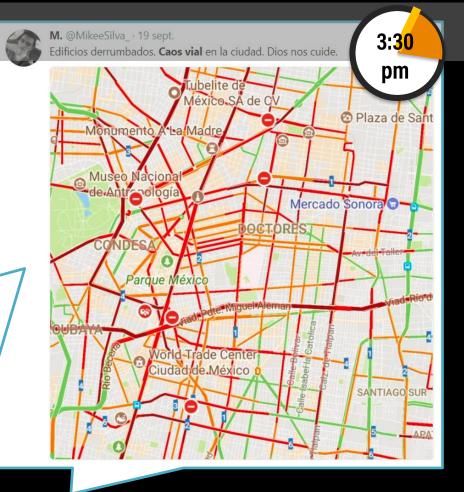
# TRAFFIC CHAOS

Pablo Vargas Luna @varpablo · 19 sept. Caos vial en Insurgentes y Baja California, varios edificios dañados y no hay servicios











Informamos a nuestros usuarios y usuarias que el servicio el día de

RESPONSE á ilimitado, hasta nuevo

### **PUBLIC TRANSPORT REACTION**











Informamos a nuestros usuarios y

### **BIKE-SHARING SERVICE**





Para paso de unidades de emergencia y autobuses no invadir carril de MB. Por su ayuda gracias

15:29 - 19 sept. 2017

O 3 ↑ 1,458 C 176





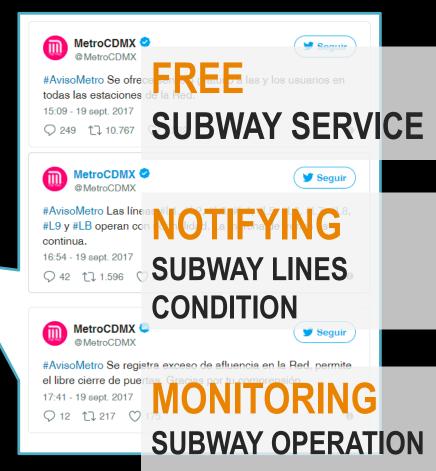














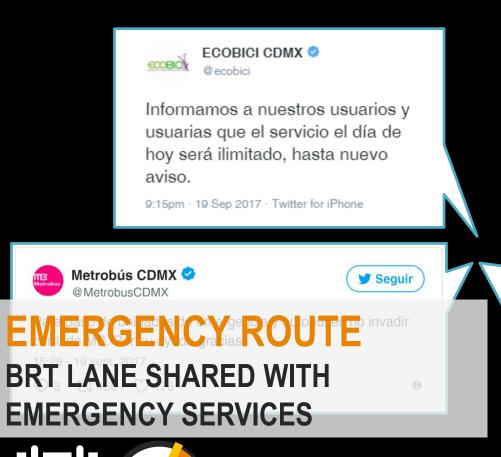


NOTIFYING SUBWAY LINES CONDITION

MONITORING
SUBWAY OPERATION







3:30

pm









**20S** 

### **SOCIAL MEDIA**

### INFORMATION ON REAL TIME

Mapa de Edificios Derrumbados y Dañados por el Sismo del 19/09/2017 5,875,422 views SHARE

0.00000

Daños y Derrumbes OFICIAL

Derrumbe

Daño Mayor

Daños

O Derrumbe de Barda

Other / No data

Albergues Oficiales

Base Datos Waze

C5 CDMX

América #AyudaCDMX Bicentenario #sismocdmx #SISMO Museo del Instituto de Geología de la UNAM 12:45pm · 20 Sep 2017 · Twitter Web Client POLANCO Meaco City de la @ Museo Nacional de Antropología AGRÍCOLA PANTITLAN TACUBAY Nezahual AGRÍCOLA ORIENTAL 5 ZEDEC STA FÉ 6 Museo Fr EL MANTO SANTA CRUZ SAN N MEYEHUALCO BARTOLO YALCO Volcan \_ Universum @ S Estar Azreca SAN FRANCISCO

ole My Maps Xochimilco

Six Flags México @

A. MADI

e0mm @s0mm

FALSO REPORTE (12:01pm) FALSO. Av. Division del Nte. &





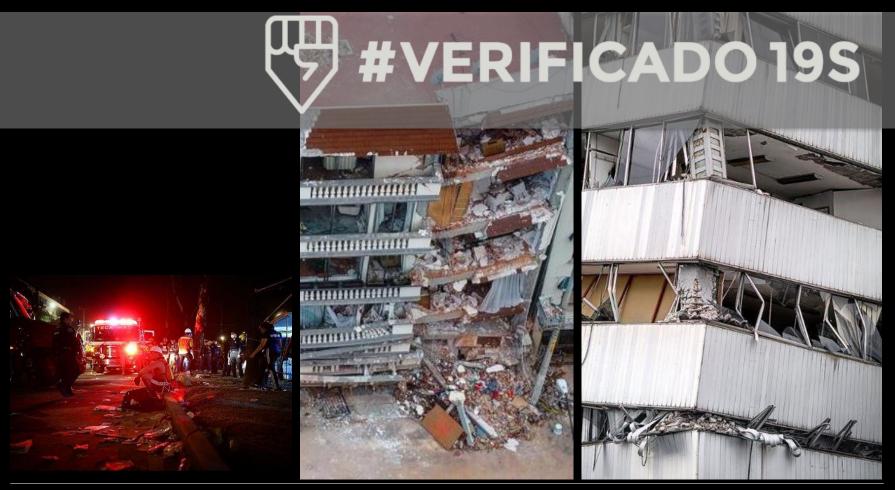




**Hogar Terremoto CDMX** 



Ciudadanos Organizados Parque España



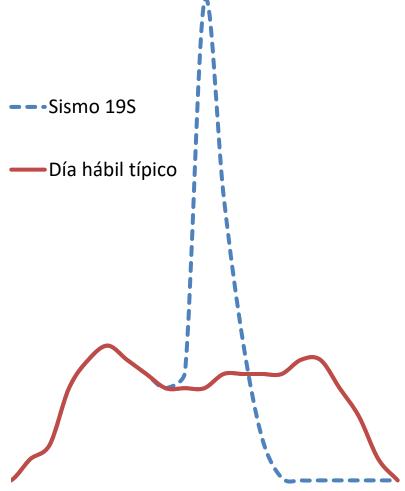




Photography: Santiago Arau world resources institute méxico



# THE WAY TO RESILIENT CITIES



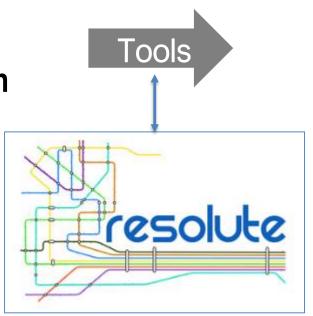
# WHY?

- Irrational behaviors
- Damaged infrastructure
- Crowded streets 

  Blocked roads
- Supply reduction of public transport

# WHAT COULD WE DO BETTER?

- Evacuation Drills
- 2. Information/data
- 3. Official Communication
- 4. Protocols
- 5. Mobility plans...



# Decision makers