The quiet revolution of GTFS data

Rafael H.M. Pereira

@UrbanDemog

ipea Institute for Applied Economic Research
Transport data revolution

- GPS
- Mobile phones
- Smart cards
- Lidar
- Drone images
- Traffic cameras

Image credit: @aaronpk
The quiet revolution of GTFS

**GTFS** - **Global Transit Feed Specification**

Data format with geolocated info on:
- Stops
- Routes
- Frequencies
- Time tables, etc

Created in 2005 by Google and TriMet (Portland)
GTFS created a common ground
Accessibility benefits of public transport

Number of Jobs accessible under 60 min by Public Transport

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Accessibility impacts of transport projects
Accessibility impacts of transport projects

Full construction

Partial construction

(B) 30 min.  60 min.

Accessibility variation

0%  25%  50%  75%  >100%
The Access to Opportunities Project

Opportunities

Transport Modes

Cities in Brazil

• Rio de Janeiro
• São Paulo
• Belo Horizonte
• Fortaleza
• Porto Alegre
• Curitiba
• Teresina
• + other interested cities

Horizon: 2019 - 2021
Rafael H. M. Pereira

@UrbanDemog

rafael.pereira@ipea.gov.br

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