

A world map is displayed in the background, rendered in shades of blue and white. The map is composed of several horizontal bands, creating a fragmented or mosaic-like effect. The colors range from light blue to dark blue, with white outlines for the continents.

**New Concepts for Urban Transport - Ropeway  
8-MGD Metrocable in Caracas, Venezuela,  
OITAF Conference 2011**

# The Challenges

*... and well known images*

- Lack of space
- Lack of mobility
- Lack of possibilities



## One part of the Solution - Metrocable

*...to simply fly over steep hills and the integration of social facilities*

- 40,000 inhabitants
- Fully integrated
- Social facilities integrated in the stations



## Technical Data

- Inclined length: 2,286 m
- Transport Capacity: 1,200 pph
- Speed: 18 km/h
- Trip time: 9.9 min
- Interval: 24 s
- Cabins: 50
- Towers: 12



## Hard Facts

*...after 2 years of operation*

- 12,200 hours of operation
- Operation time 6 a.m. - 10 p.m.
- Ticket price approx. 0.25 US\$ (fuel price 0.12 US\$/litre)



## Reintegration into the City

...through the Metrocable and subway San Agustín is connected to various parts of the city



## Changes in Society



## Increase of the Human Dignity

*...people in the suburbs are back in the wider community*





# An Exceptional Identification of the Population with the Ropeway

*...they keep their ropeway sparkling clean*



## Jobs Are Created

...local people get trained and employed to operate the ropeway  
 ...locals get jobs in maintenance, cleaning, etc.



## Safety by full Identification with Metrocable ...no cases of violent acts or shootings have been reported



## Social Investments in the Stations

...stations are a "Barrio a dentro" including

- "Mercal" – a supermarket for the poor
- Vertical gym
- Library
- Open air theatre
- Rooms for music classes



# Video

# Media Coverage around the World

## Venezuela's Cable Car has Transported Over 975,000 People

Published on 09/12/2010 @ 8:08 pm In the section ECONOMY AND SOCIAL DEVELOPMENT, News | No Comments



[1] Since its activation on January 2010, the Venezuelan cable car system known as Metrocable San Agustín has transported over 975,000 people that used to go downtown Caracas using the conventional transportation system.

Metro de Caracas began the construction of the Metrocable San Agustín on March 2007, with an investment of US \$ 318,000 in order to meet a daily demand of



## Caracas Metro Cable Acclaimed by New York's Museum of Modern Art

Häuser für alle  
21.10.2010, 18:38  
Von Jöro Häntzschel

en Ikonenkult: Eine New York  
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- aber viel bewegen.  
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# Exhibition at the Museum of Modern Art in New York

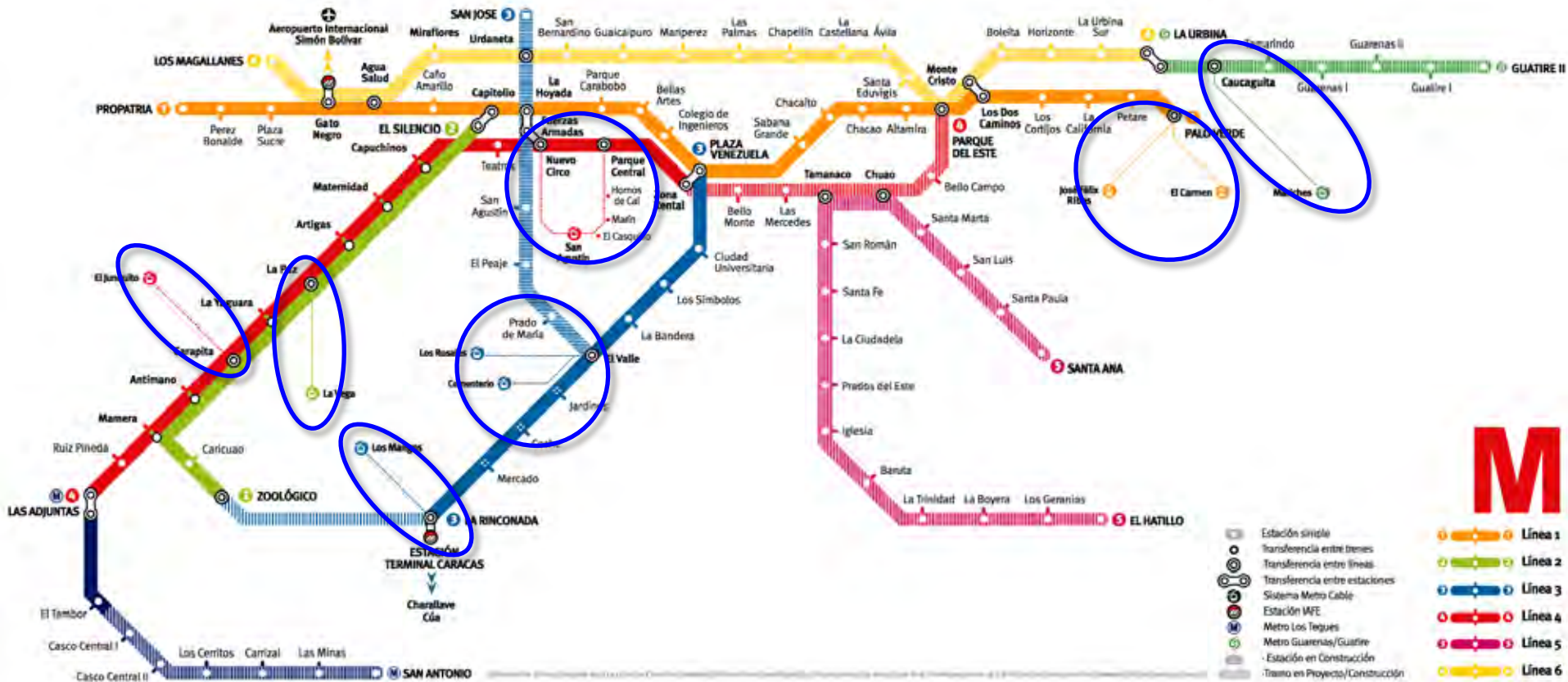


# Urban Ropeways in Caracas





# Urban Ropeways in Caracas



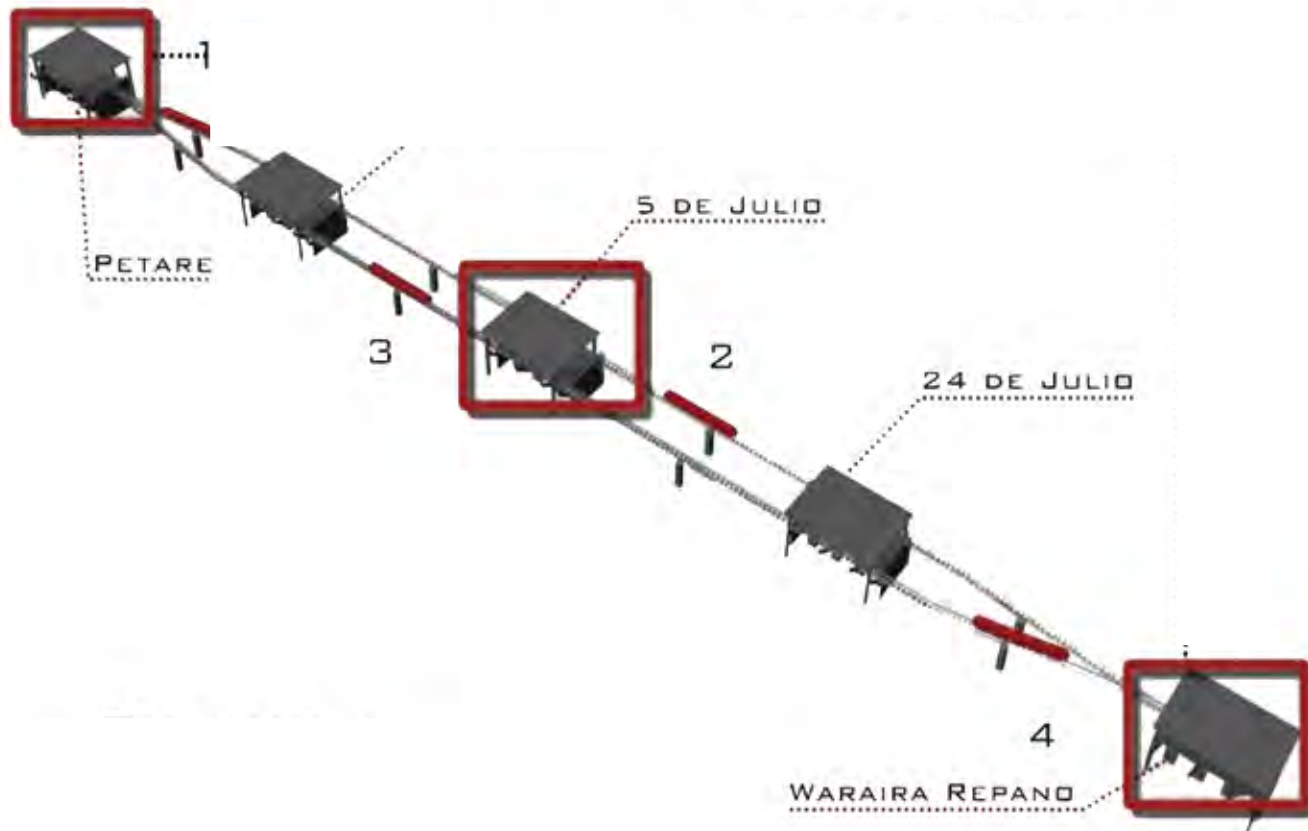
## DCC Cabletren Bolivariano, Caracas

### Technical Data

- System length: 2,100 m
- Transport Capacity: 3,000 pphpd
- Speed: 47 km/h
- Dwell time: 34 – 57 s
- Interval: 24 s
- Trains: 4 four-cartrains
- Train capacity: 232 p/train
- Stations: 5



# DCC Cabletren Bolivariano, Caracas Alignment



**Thank you for  
your attention!**

**Andreas Rudolph**