



Cable Cars

the third dimension in urban mobility

Doppelmayr at the Polis Conference



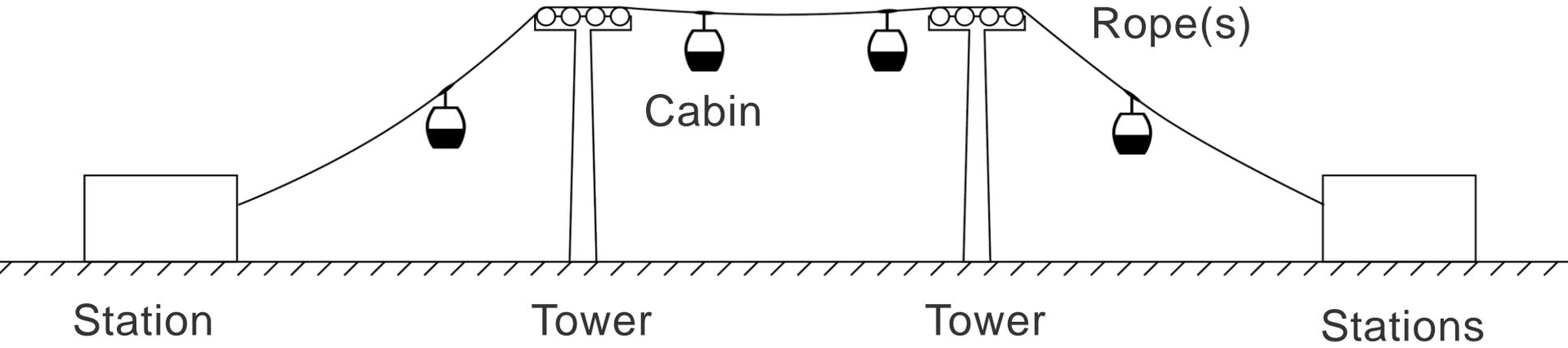
- We need to create awareness among decision makers and planners:

Cable cars can serve as a mode of urban transport.

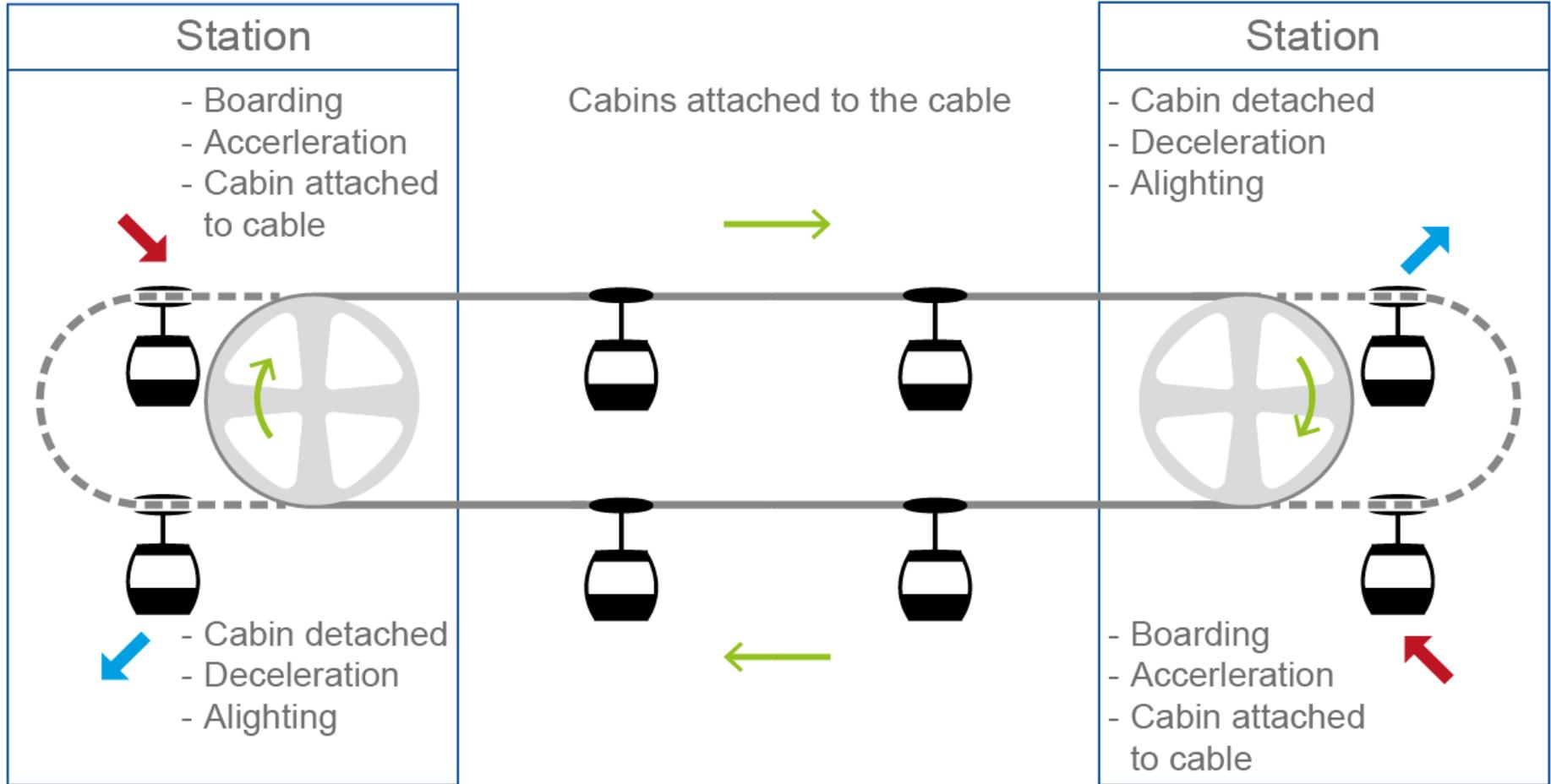




Ropeway Technology



Ropeway Technology



Advantages | A New Transport Level



Source and Photo: Doppelmayr

Advantages | Low Space Requirements



Source and Photo: Doppelmayr

Advantages | Barrier-free Mobility for All



Source and Photo: Doppelmayr

Advantages | Environmentally Friendly



0.1 kWh
per passenger in Koblenz

Source and Photo: Doppelmayr

Portland | Marquam Hill



Length	1 027	m
Speed	10.0	m/s
Capacity	1 014	pphd
Cabins	2	
Cabin size	78	passengers



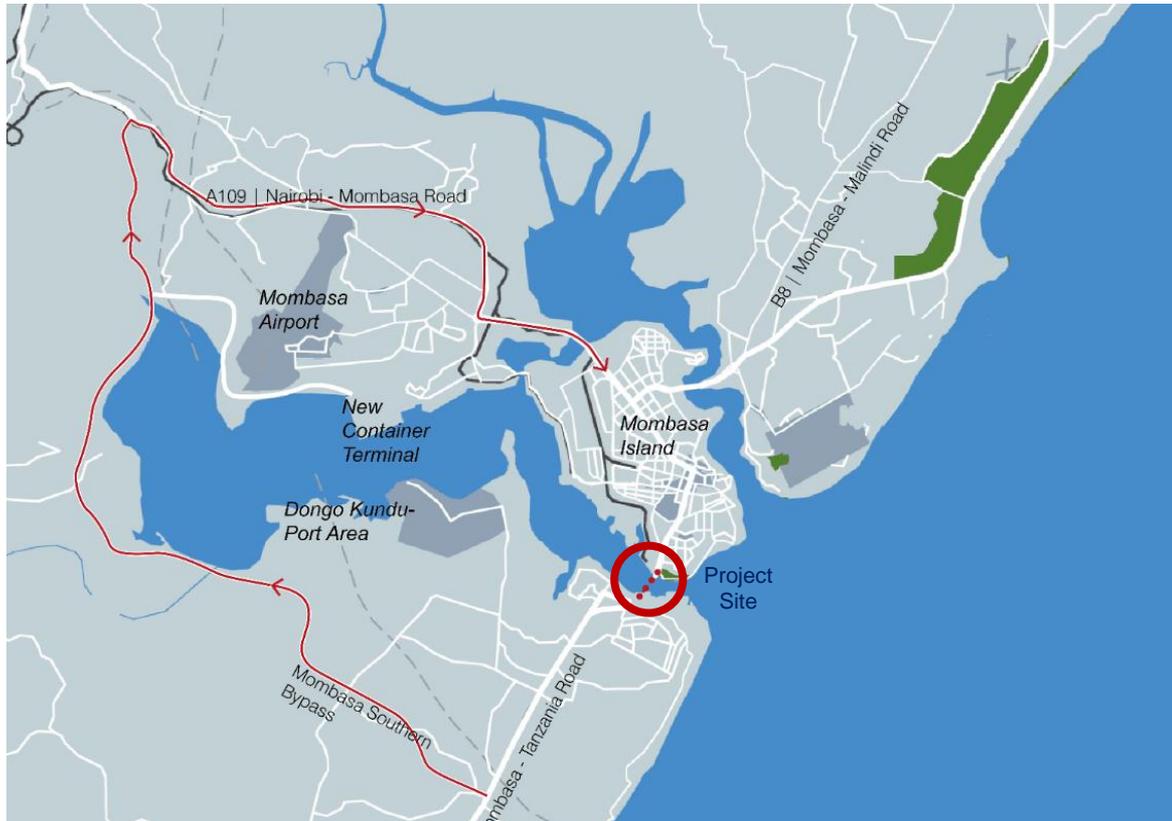
Portland | Seamless Integration



Portland | Seamless Integration



MOMBASA | Transport Solution



MOMBASA | Transport Solution



MOMBASA | Crossing the sea

- ❑ **Cost of a tunnel: 1 Bill. EUR**
- ❑ **Costs of a bridge: 500 Mill. EUR**



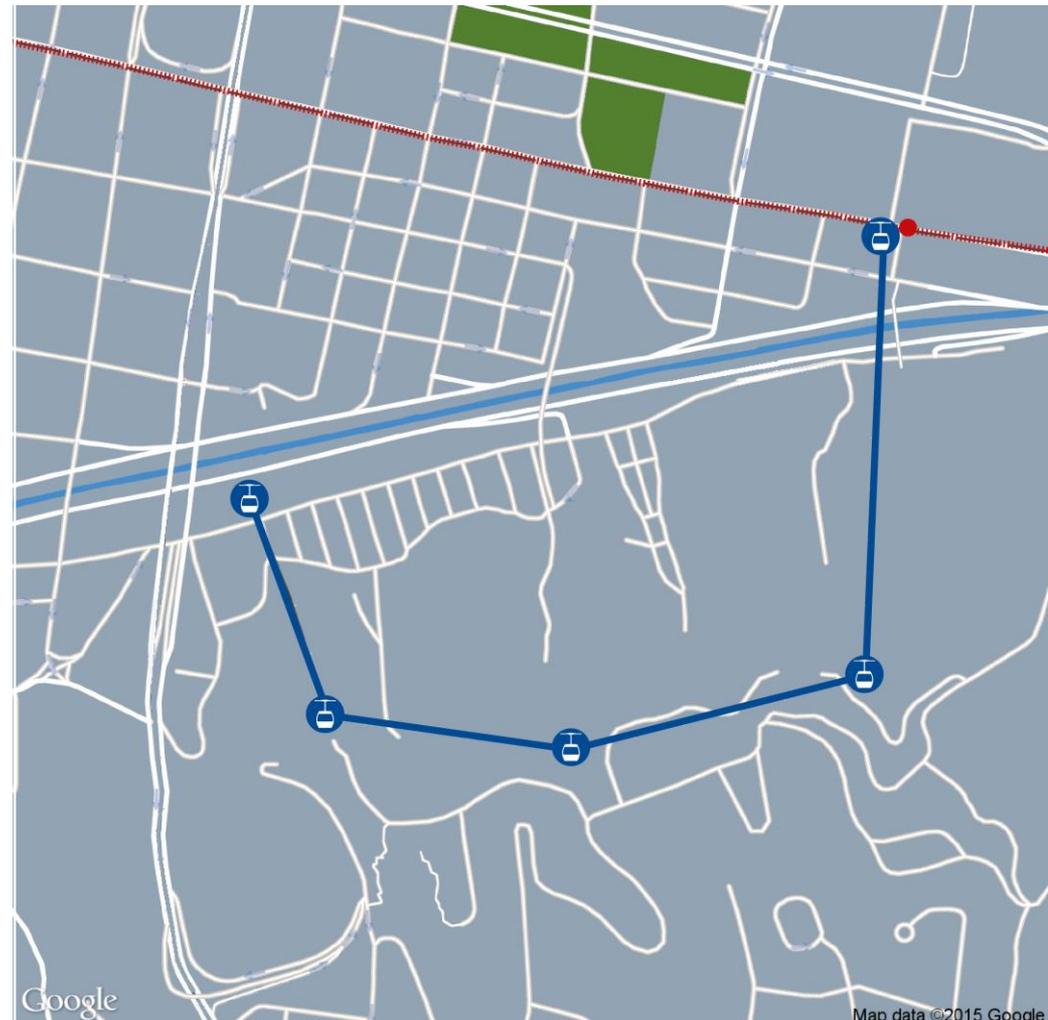
MOMBASA | Solar Technology



Caracas | San Agustín



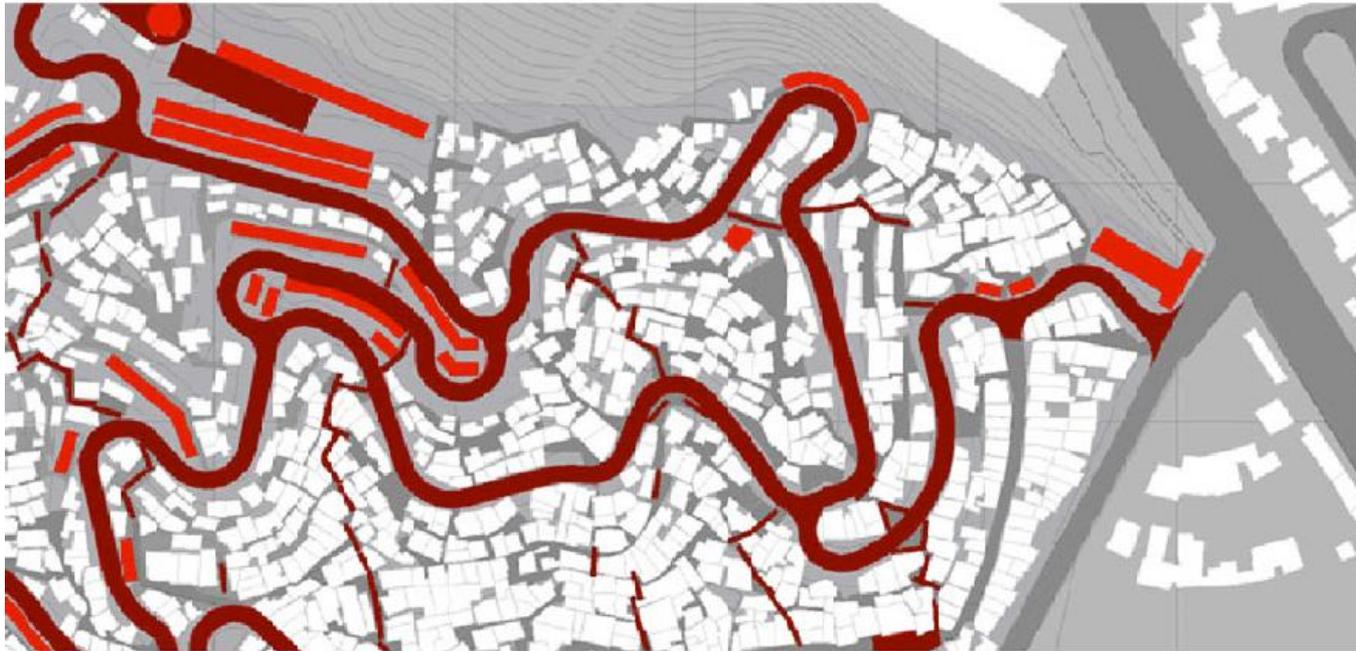
Length	1 721	m
Speed	5.0	m/s
Capacity	1 200	pphp
Cabins	50	
Cabin size	8	passengers



Caracas | access for development



Caracas | access for development



initial proposal to improve access
status quo



London | Emirates Air Line

Length	1 103 m
Speed	6.0 m/s
Capacity	2 500 pphpd
Cabins	34
Cabin size	10 passengers

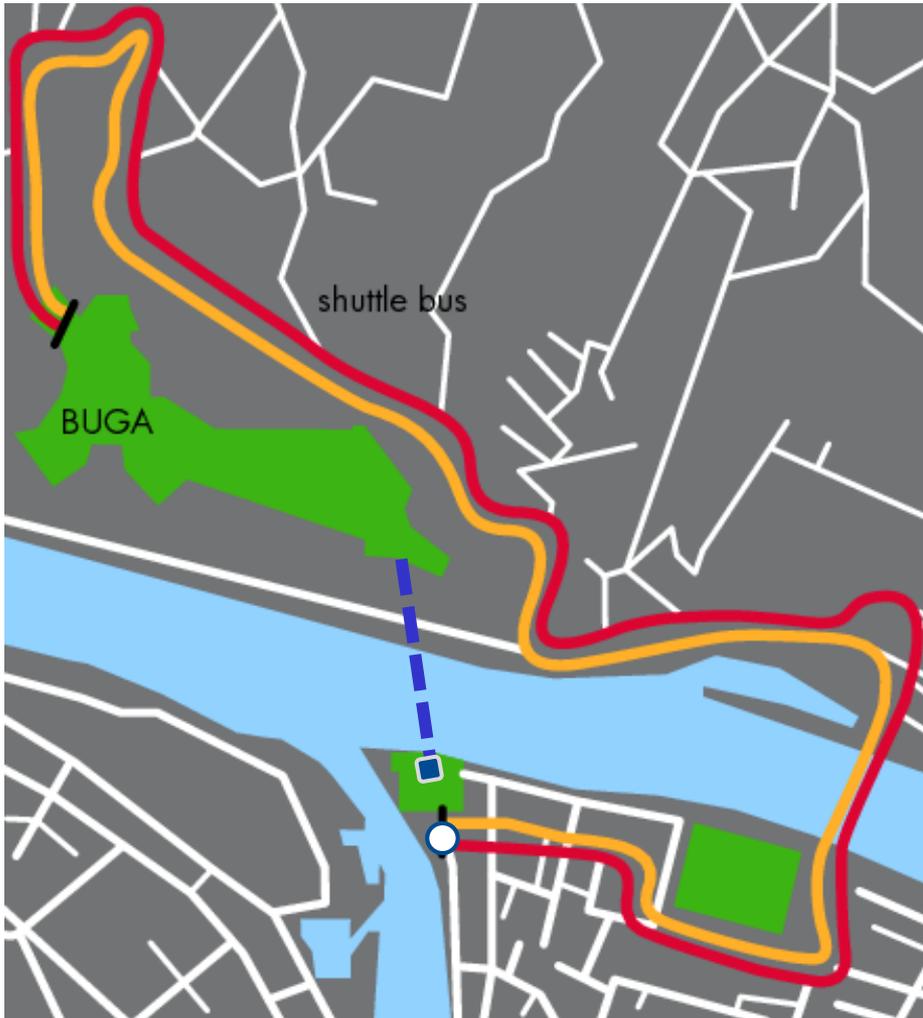


Koblenz | A cable car in a world heritage site

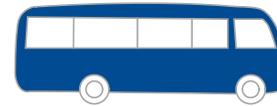


Source and Photo: Doppelmayr

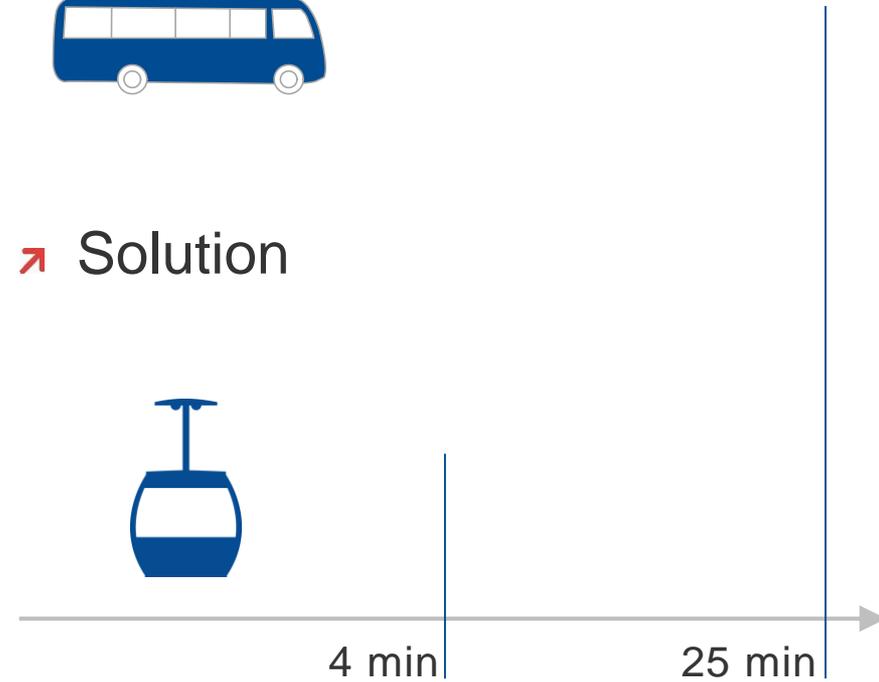
Koblenz | Beating the bus



➤ Starting point



➤ Solution





 2017 ANNUAL POLIS CONFERENCE
6-7 December 2017, Brussels
Investment Transport for Sustainable Cities and Regions

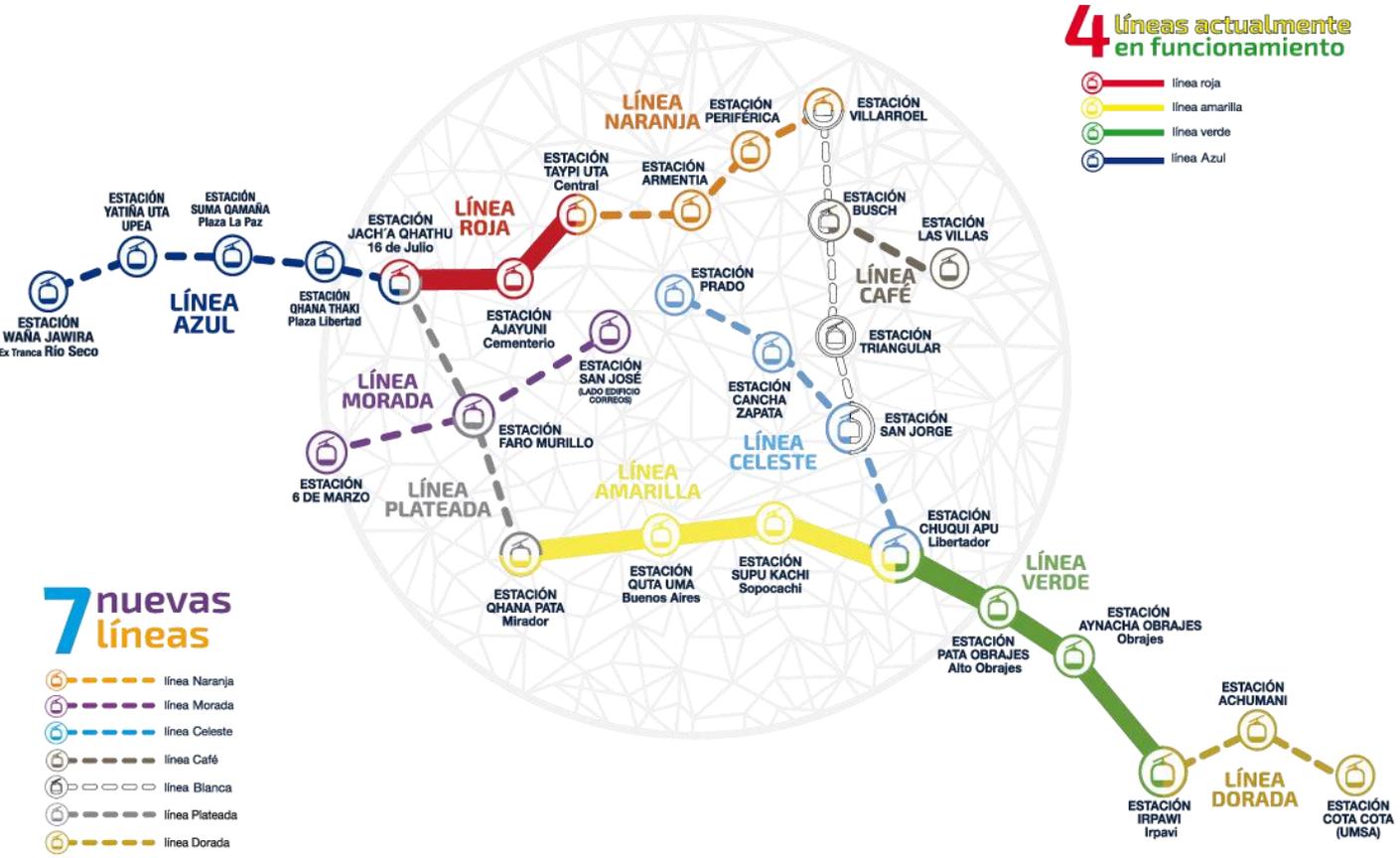


Cable Car Network La Paz and El Alto



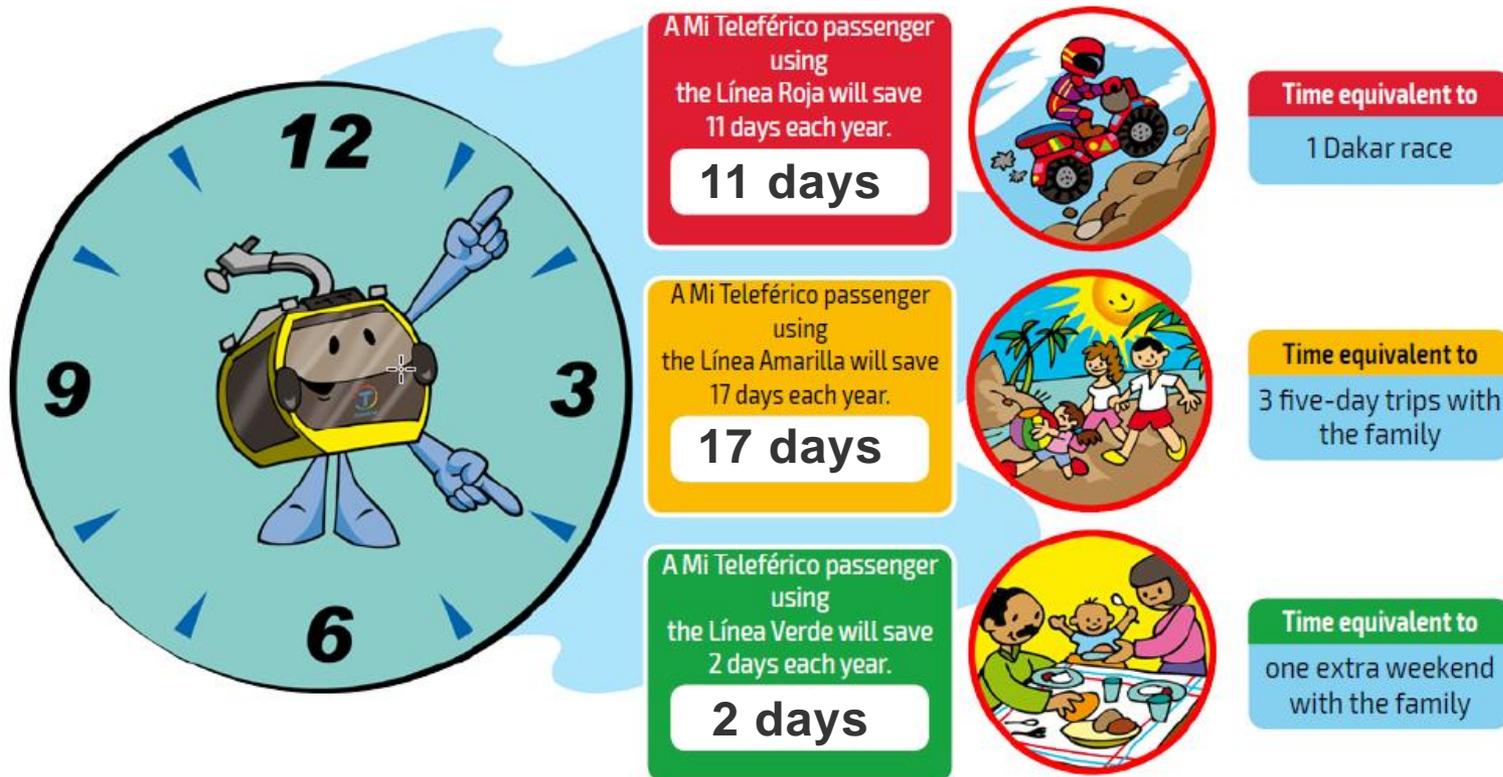
PHASE I: 9,98 Kms. = 234,6 MM/\$US

PHASE II: 21,7 kms. = 560 MM/\$US

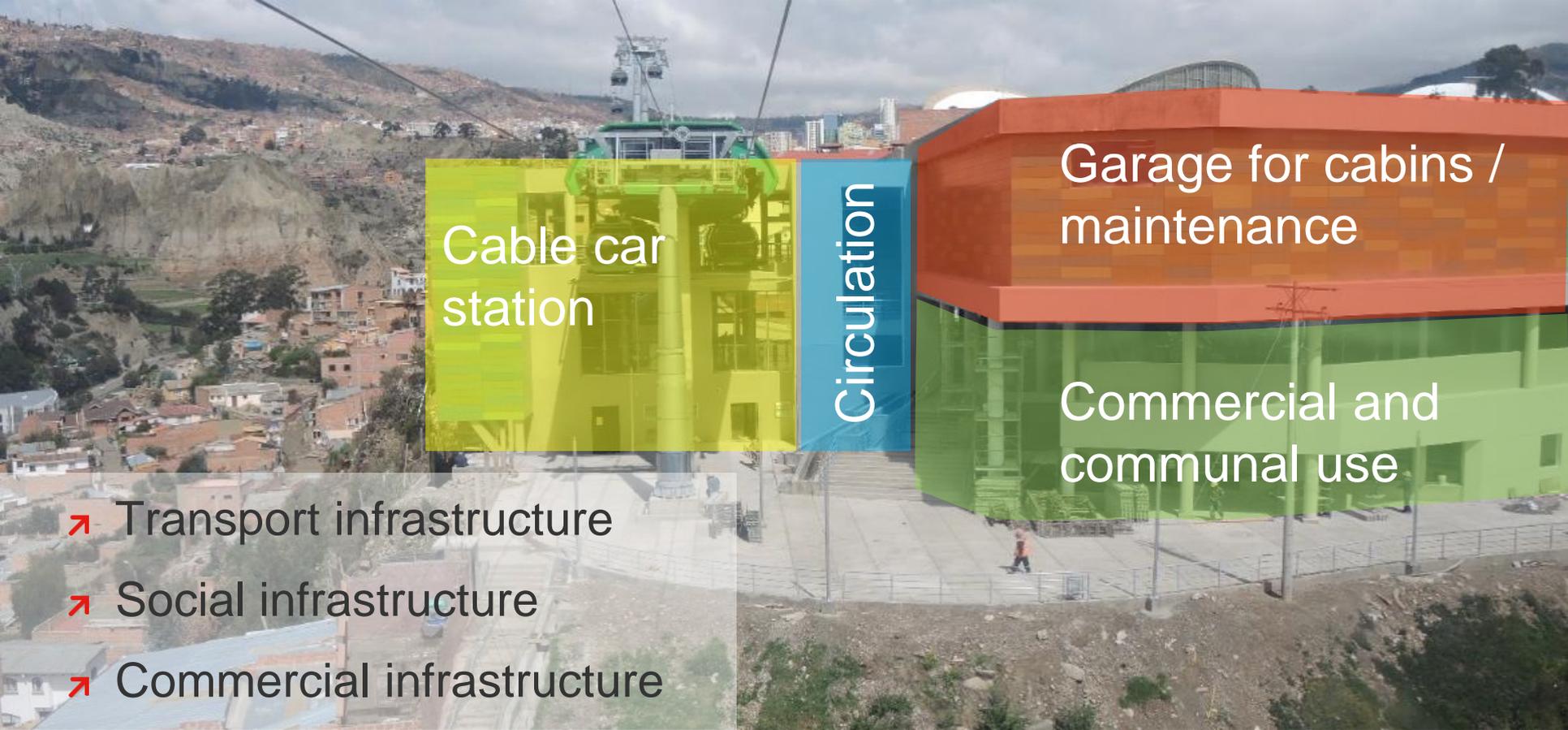


Time savings

Time saved by a single passenger in one year (2015)



New infrastructure



Cable car station

Circulation

Garage for cabins / maintenance

Commercial and communal use

- Transport infrastructure
- Social infrastructure
- Commercial infrastructure

New infrastructure



New open, public spaces

- Plaza Villaroel: Underground cable car station, public space preserved and upgraded



For further information please contact:
wolfram.auer@doppelmayr.com



POLIS 2017 ANNUAL POLIS
CONFERENCE
6-7 December 2017, Brussels
Investment in Transport for Sustainable Cities and Regions



