

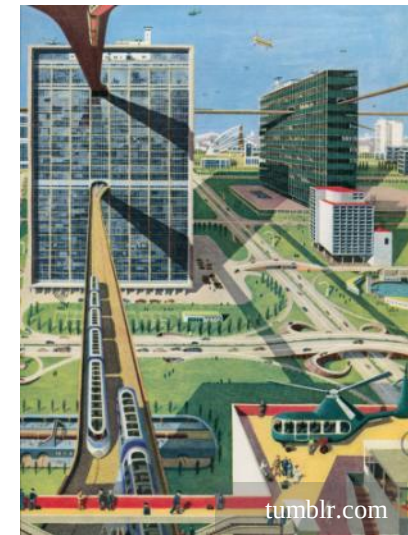
Cable Propelled Transit

An independent level of urban transport

The desire to use the third dimension



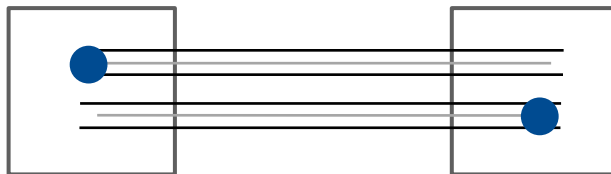
In utopian cities of the past, flying saucers and other vehicles would populate urban airspace...



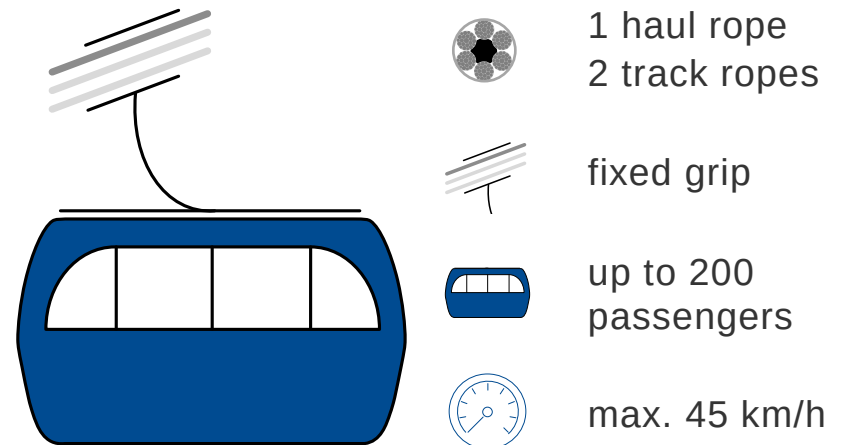
Ropeway systems - Aerial tramway



shuttling back and forth



- large cabins
- large spans between towers
- wind stability up to 100 kph
- system capacity up to 2000 pphpd

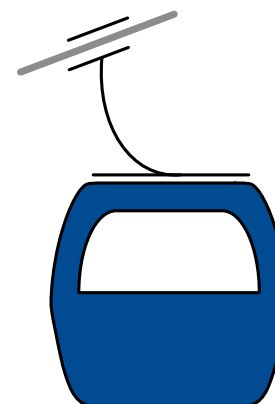


Ropeway systems - Monocable gondola detachable



- small cabins
- detachable cabins
- high frequency
- system capacity up to 3600 pphpd

circulating continuously



1 rope



detachable grip



up to 15
passengers

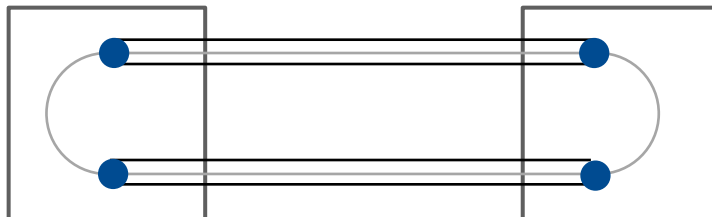


max. 22 km/h

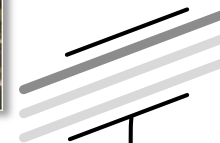
Ropeway systems - Tricable gondola detachable



circulating continuously



- detachable cabins
- high frequency and large cabins
- system capacity up to 6000 pphpd
- large spans between towers
- wind stability up to 100 kph



1 haul rope
2 track ropes



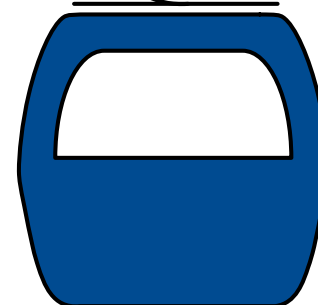
2 detachable grips



up to 38
passengers



max. 31km/h



This is what it takes to move 10.000 people in one hour...

In one hour, a ropeway carries up to...

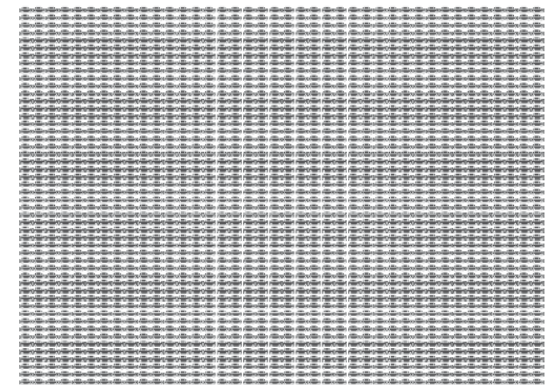


...10,000 passengers
(5,000 in each direction).

That means a ropeway can replace up to...



...100 bus journeys or...



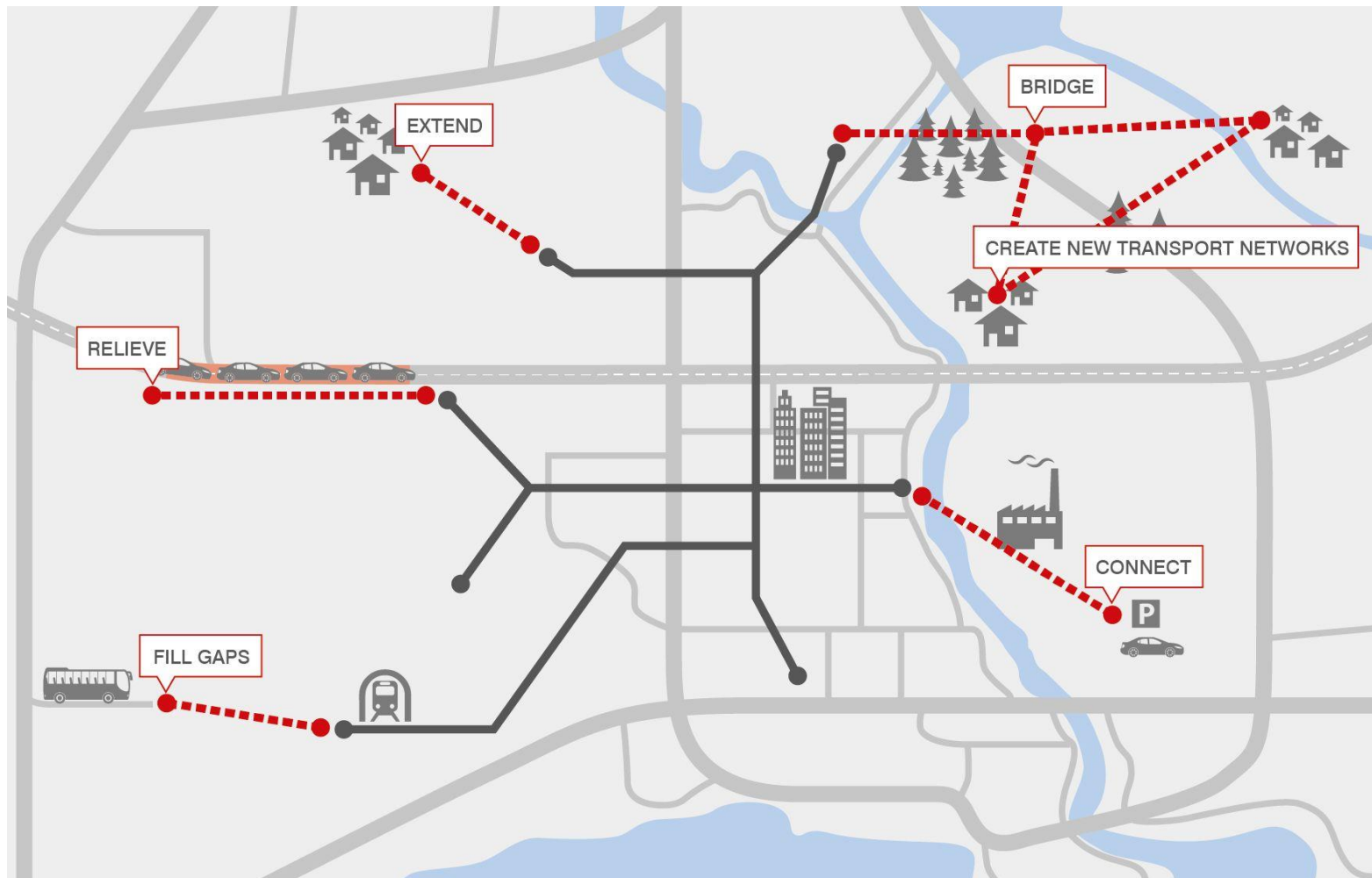
...2,000 car trips.

The performance of URBAN CABLE



- **overcomes physical barriers**
- **runs independent from traffic congestion**
- **integrates with public transport systems**
- **little land take**
- **energy-efficient**
- **low noise level**
- **quick implementation**
- **high availability**
- **low capital costs**

Applications for Cable Transit



Where are Urban Cable Cars?



78-ATW Marquam Hill, USA
 20-ATW Bozen Kohlern, ITA
 15-MGD Constantine, DZA
 15-MGD Tlemcen, DZA
 15-MGD Skikda, DZA
 8-MGD San Agustín, VEN

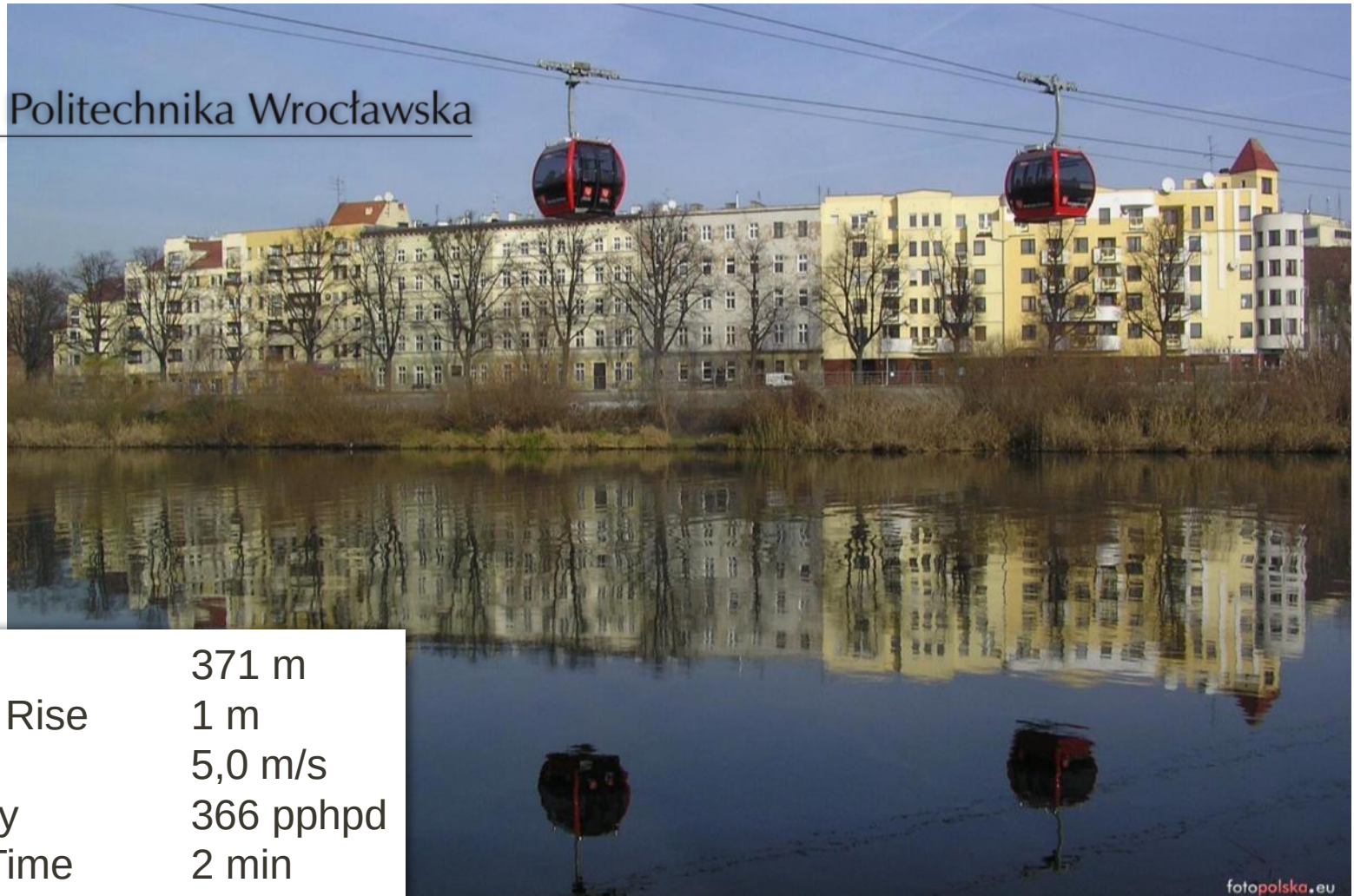
35-TGD Seilbahn Koblenz, DEU
 8-MGD Jewel Cable Car Ride, SGP
 8-MGD Mileniumski Krst, MKD
 8-MGD Teleférico de Gaia, PRT
 10-MGD Emirates Air Line, GBR
 10-MGD Providencia, BRA

8-MGD Mariche – Tramo Expreso, VEN
 8-MGD Rio Chama, VEN
 8-MGD Batumi Transit, GEO
 10 MGD La Paz BOL

15-ATW Polinka Wrocław PL



Politechnika Wrocławska



Length	371 m
Vertical Rise	1 m
Speed	5,0 m/s
Capacity	366 pphpd
Travel Time	2 min

10-MGD Emirates Airline London UK



Length	1103 m
Vertical Rise	1 m
Speed	6,0 m/s
Capacity	2500 pphpd
Travel Time	3,5 min

35-TGD Seilbahn Koblenz DE

Length	948 m
Vertical Rise	114 m
Speed	4,5 m/s
Capacity	3600pphpd
Travel Time	5 min



35-TGD Seilbahn Koblenz DE



EIN GUTES BEISPIEL:

**ÜBERLEGT GEPLANT -
AN BEHINDERTE MENSCHEN UND
ÄLTERE MITBÜRGER GEDACHT**



**SOZIALVERBAND DEUTSCHLAND E.V.
LANDESVERBAND
RHEINLAND-PFALZ / SAARLAND**

35-TGD Seilbahn Koblenz DE



8-MGD Singapore

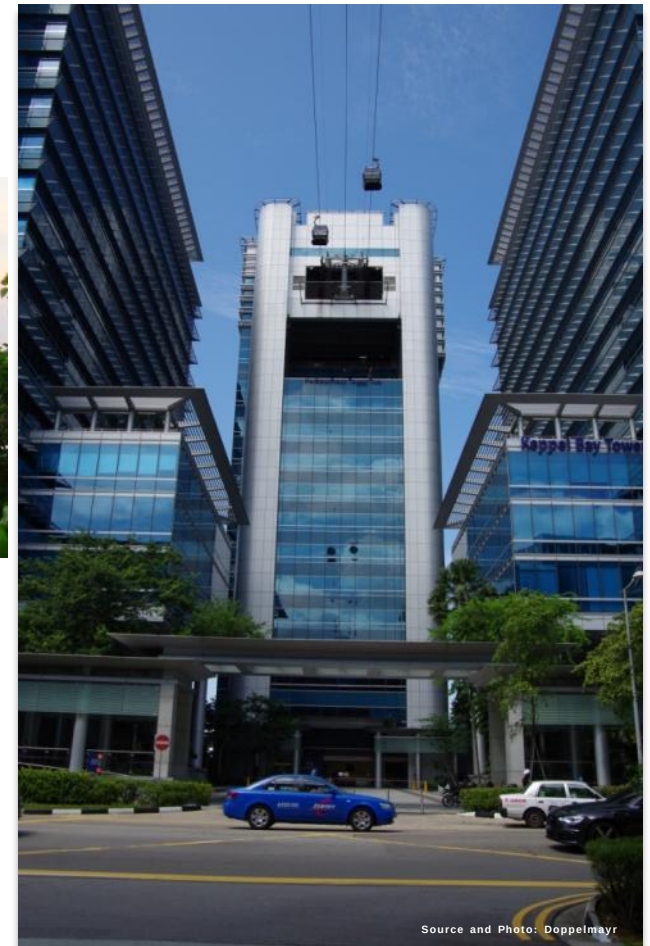


8-MGD Singapore

- An intermediate station integrated in a shopping centre



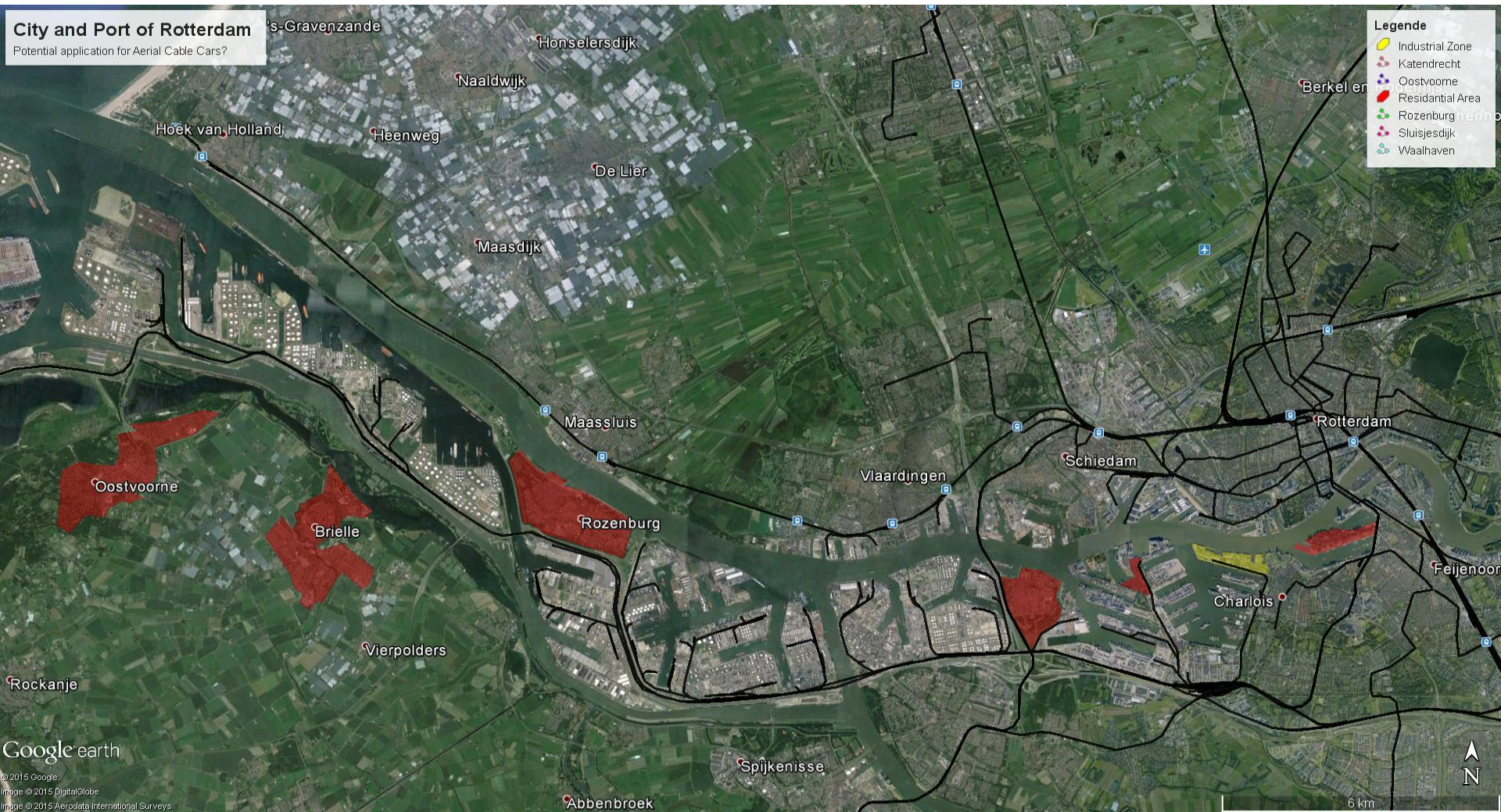
Length	1800m
Vertical Rise	2 m
Speed	5,0 m/s
Capacity	2800 pphpd
Travel Time	10 min



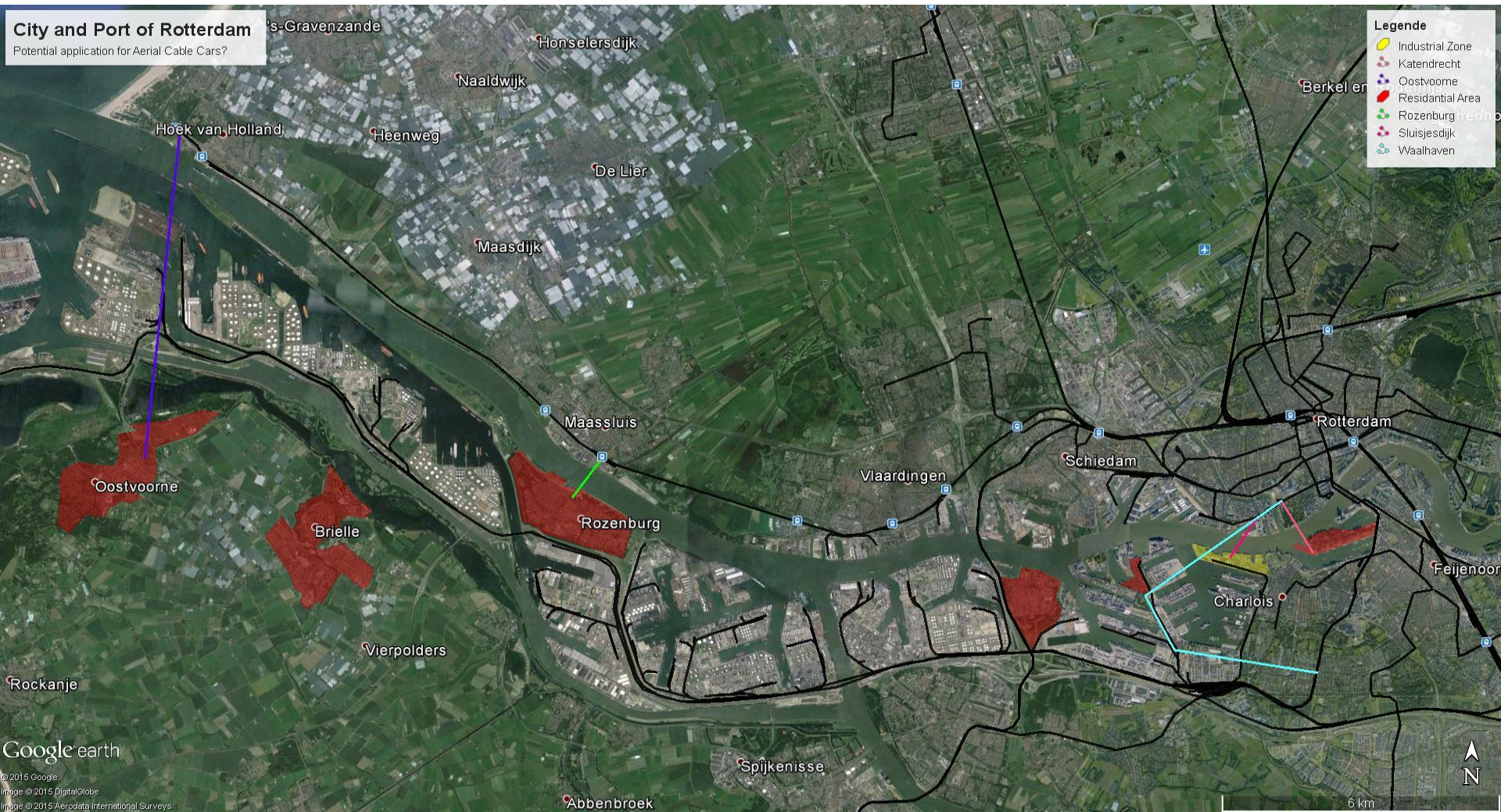
Cable Transit in the Port of Rotterdam?



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Cable Transit in the Port of Rotterdam?



Cable Transit in the Port of Rotterdam?



The future of urban mobility is above our heads!

wolfram.auer@doppelmayr.com