

3S Ritten Renon Bolzano, Italy



## URBAN ROPEWAY TRANSPORTATION

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Company Profile

The Brand LEITNER ropeways

Ropeway Systems & References

Showcases: Bolzano, Ankara

Project Development

# HISTORY

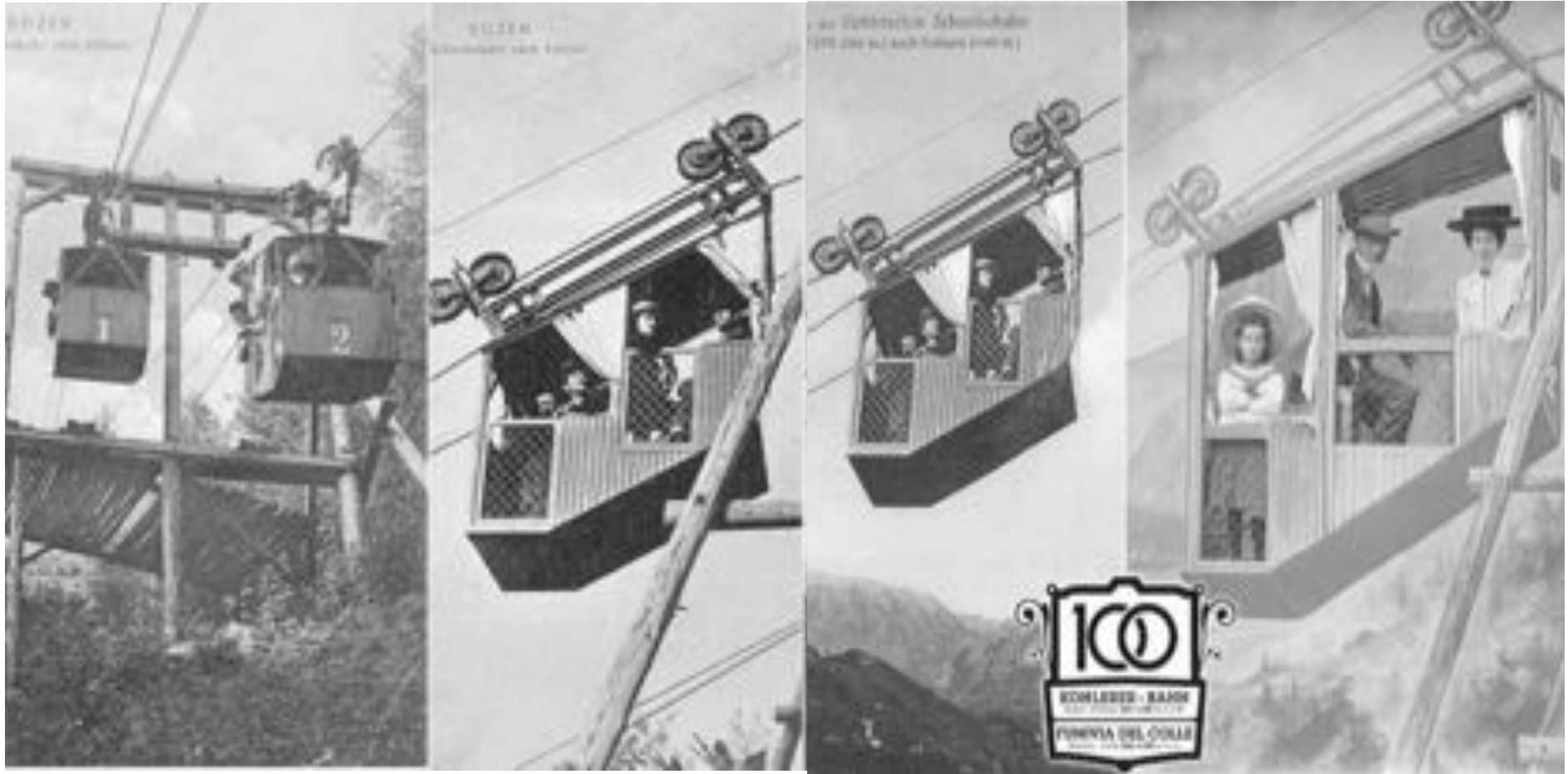
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Since 1888



# HISTORY

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1908 first gondola lift: Funivia del Colle Bolzano, Italy

## HISTORY

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### Combining tradition and innovation

Gabriel Leitner set up a workshop, where he produced agricultural machinery, material ropeways, water turbines and sawmill equipment. Today the company has developed into a global player.

From agricultural machinery to ropeway systems, snow groomers and wind turbines – from the very beginning LEITNER has always had a focus on quality, innovative products and cutting-edge technology.



1947 – first chairlift Col Alt in Corvara, Italy

## COMPANY PROFILE

### Globally competitive high-tech companies under one roof

Our group concentrates on selected market segments:

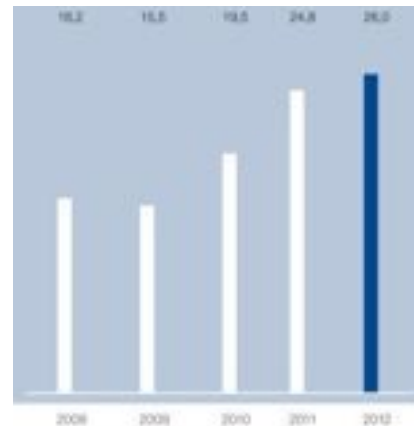
- ropeways
- snow groomers and tracked utility vehicles
- snowmaking systems
- public transportation systems
- wind power plants

Through strategic coordination and networking within the group, these segments benefit from valuable synergies which make us the world's first single-source supplier for winter technologies.

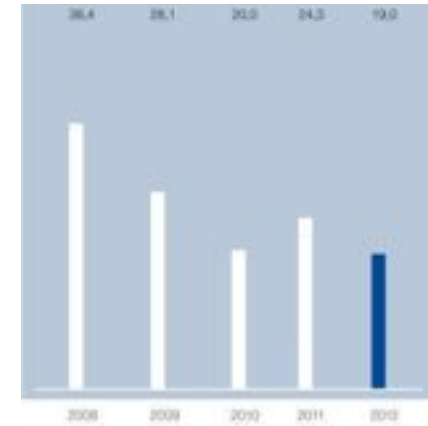


# FINANCIALS

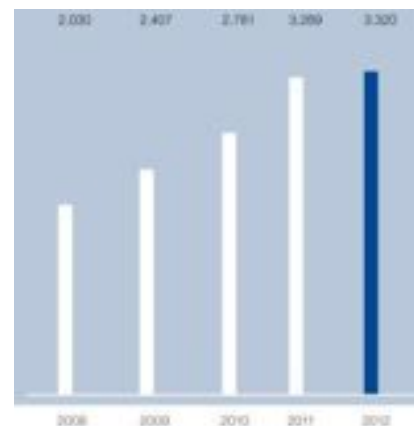
## Financial Statements 2012



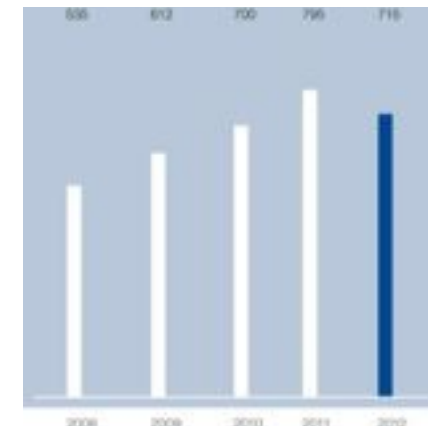
R & D



Investments



Employees



Turnover

R & D: 26 Mio. €

Investments: 19 Mio. €

Employees: 3.320

Turnover: 715 Mio. €

WORLDWIDE

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## 67 Subsidiaries, 132 Sales and Service Centers



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# LEITNER ropeways - ROPE-HAULED PASSENGER TRANSPORTATION SYSTEMS

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## For Wintersports



Product range: 3S, 2S, detachable gondolas and chairlifts, aerial tramways, funiculars, fixed chairlifts, skilifts

# LEITNER ropeways - ROPE-HAULED PASSENGER TRANSPORTATION SYSTEMS

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## For Tourism



Product range: 3S, 2S, detachable gondolas and chairlifts, aerial tramways, funiculars, fixed chairlifts

# LEITNER ropeways - ROPE-HAULED PASSENGER TRANSPORTATION SYSTEMS

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## For urban Transportation



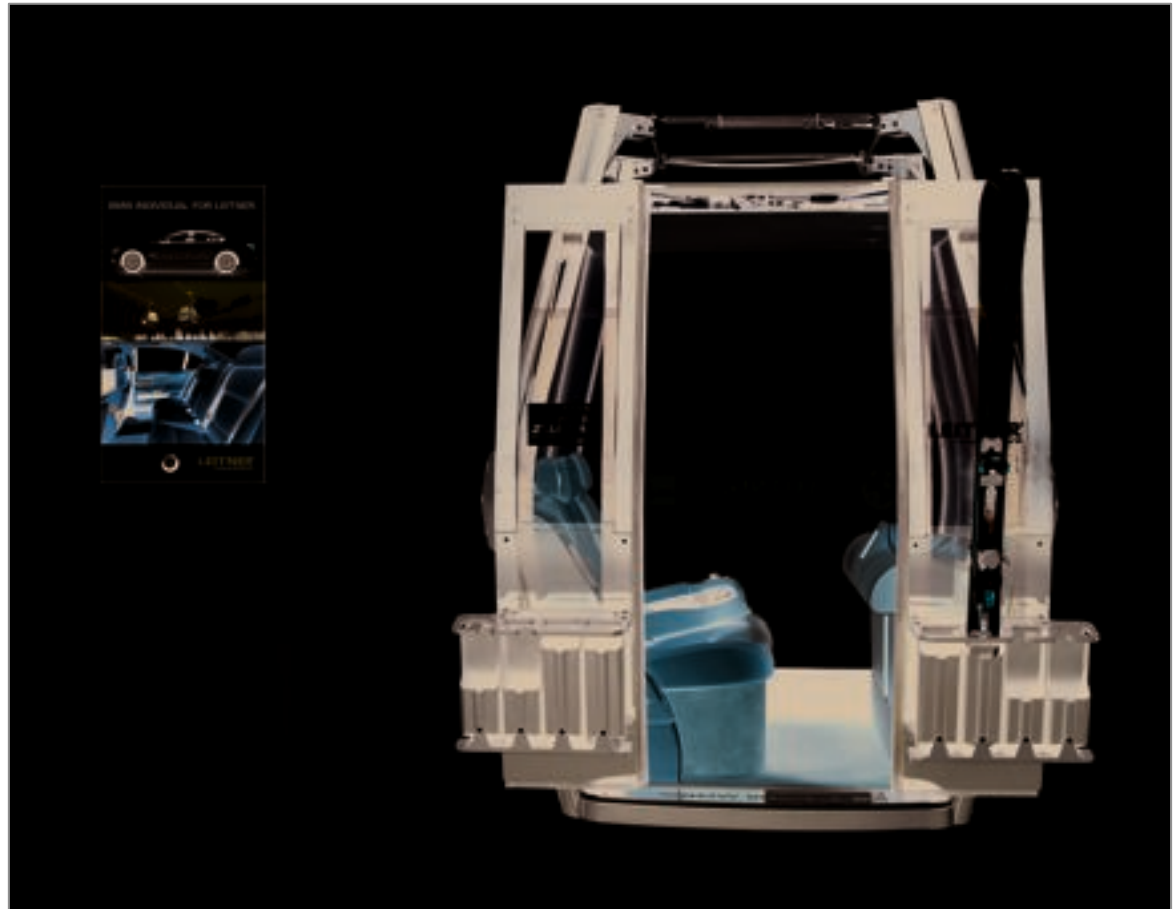
Product range: 3S, 2S, detachable gondolas, aerial tramways, funiculars

**LEITNER<sup>®</sup>**  
ropeways

### Top-quality and premium design

High-grade technical solutions  
and creative ideas.

Leather seats with massage  
function, champagne and a  
multimedia sound system.



LEITNER outside, BMW 7er Individual inside

### Sustainable through advanced technology

DirectDrive - key to energy savings, with much quieter operations and higher reliability

LEITNER is synonymous with innovative and environment-friendly solutions.



DirectDrive Advertisement

### Individuality for a special riding experience



GD8 Narikala / GE



Glass bottom in the cabin

With the help of individual and innovative solutions, the ride with LEITNER ropeways is more than an experience:  
it is part of a destination's image.



Nightly illuminated gondolas



Leather seats with historic themes

**LEITNER<sup>®</sup>**  
ropeways

### Tricable - and bicable ropeways (TD and BD)



# SHOWCASE BOLZANO: A SUCCESSFUL STORY

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## 3S Renon, Bolzano, Italy



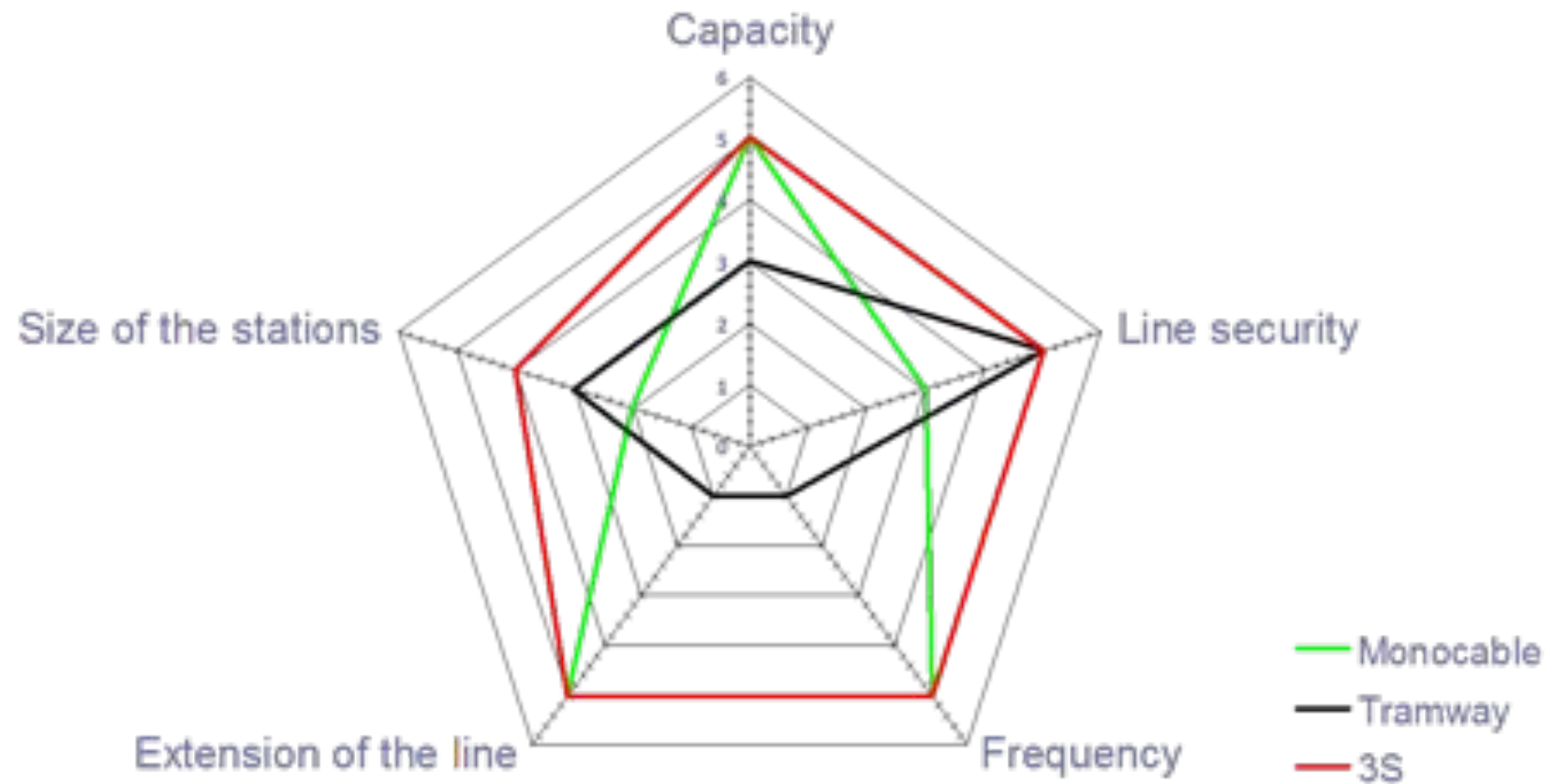
## ROPEWAYS AROUND BOLZANO, ITALY

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## WHY 3S?

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### TD35 Ritten / Renon

↗ 4544 m

↕ 949 m

👤👤👤 550 p/h

⚙️ 900 kW

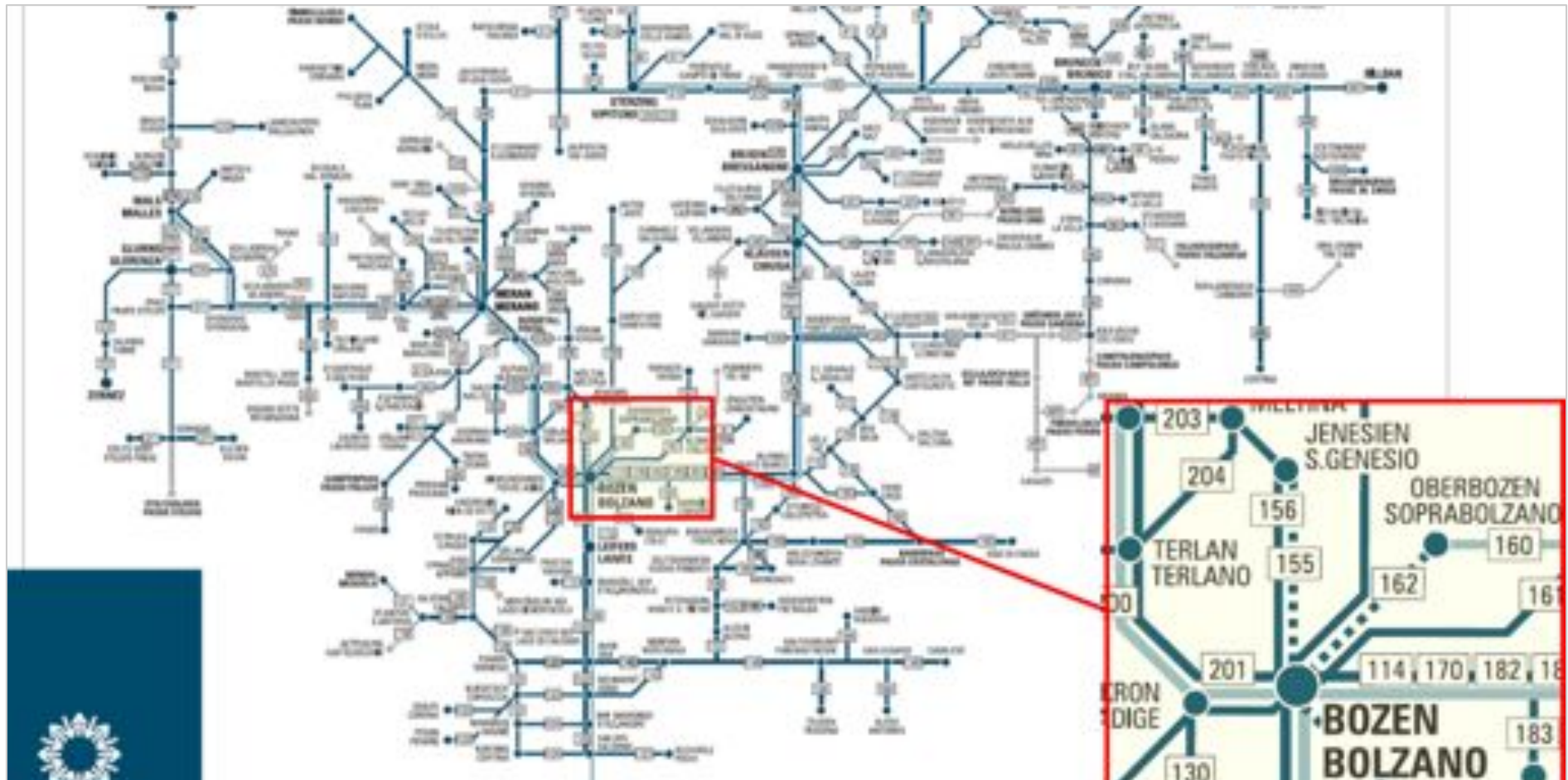
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🚡 7



TD35 Ritten / Renon, Bozen / Bolzano (BZ) / IT

## THE OPERATION



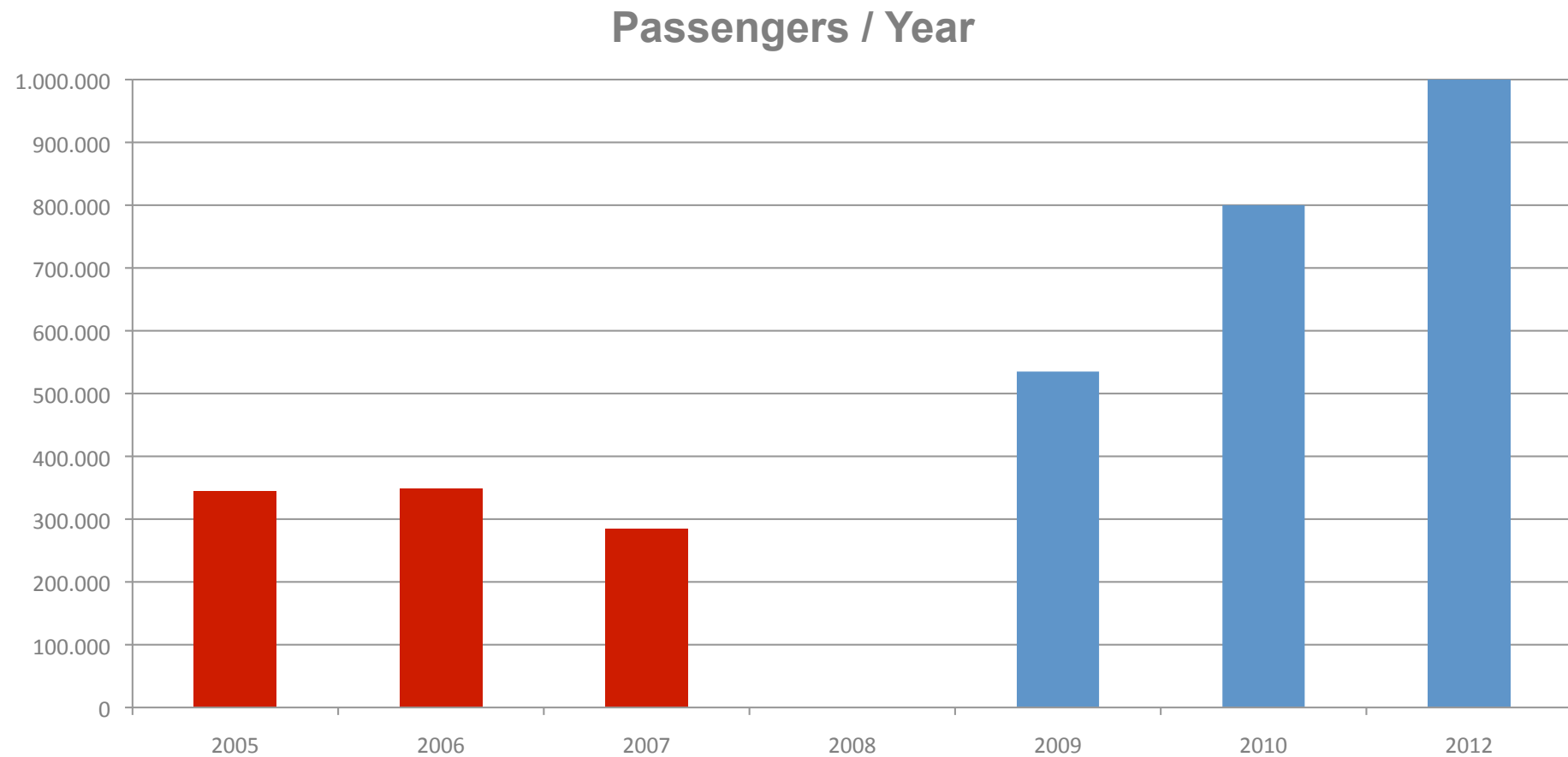
## “THE” SUCCESS STORY – THE SOCIO-URBANISTIC IMPROVEMENT

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## “THE” SUCCESS STORY – PASSENGERS

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### Tricable- and bicable ropeways (TD and BD)

Multiple-rope solutions offer different advantages from a technical point of view:

- Outstanding stability in wind
- Can overcome extremely long spans of over 2.500 m
- Ideally suited for the use in steep and rocky slopes
- Offer a very high capacity



2S Ngong Ping - Hongkong



3S Ritten - Bozen



3S Ritten - Bozen

### Tricable ropeways – Technical Data

System capacity up to 5.000  
pph

Line speed up to 8 m/s

Carrier capacity up to 35 pers.



TD35 Ritten / Renon, Bozen / Bolzano (BZ) / IT

### Tricable ropeways

Tricable ropeways have one haul rope to provide traction to cabins running on two track ropes



TD35 Ritten / Renon, Bozen / Bolzano (BZ) / IT

### Bicable ropeways – Technical data

System capacity up to 5,000  
pph

Line speed up to 7 m/s

Carrier capacity up to 16 pers.



BD17 Ngong Ping 360, Hong Kong / HK

### Bicable ropeways


Bicable ropeways have one track and one haul rope.



BD17 Ngong Ping 360, Hong Kong / HK

### BD17 Ngong Ping 360

The gondola ropeway to the Buddha.

	5828 m
	418 m
	3500 p/h
	420 kW
	93
	6



BD17 Ngong Ping 360, Hong Kong / HK

### Bicable ropeway - BD17 Ngong Ping 360

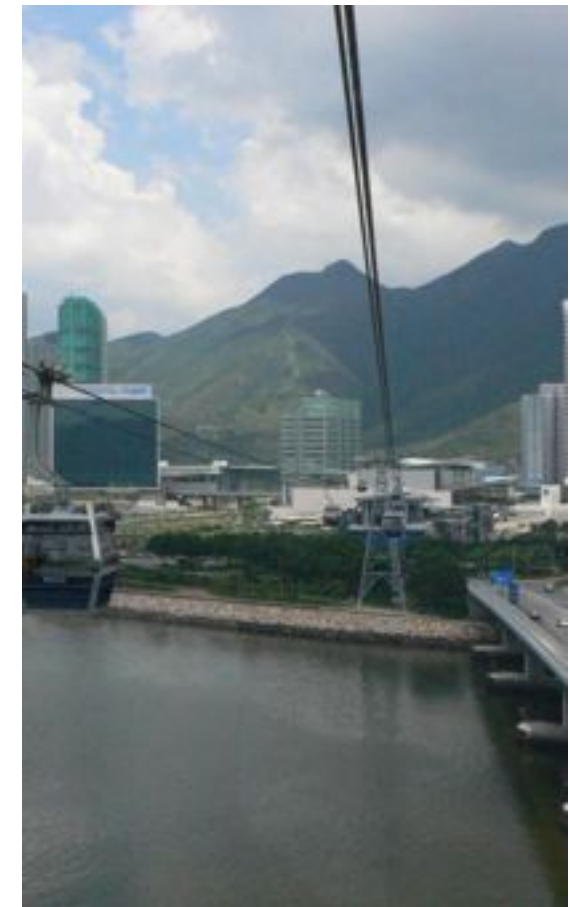
Public service to a tourist zone

Line length 5,828 m

Cabin with glass floor

130,000 passengers per month

Operates from 9 a.m. to 6.30 p.m.



BD17 Ngong Ping 360, Hong Kong / HK

### Gondola detachable (GD)



## SHOWCASE ANKARA – ACTUAL PROJECT

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**Under construction: Largest urban ropeway on Eurasian continent in Ankara**



## ANKARA – ACTUAL PROJECT

Ropeway will connect the neighborhood of Sentepe to the city center



### GD10 Yenimahalle - Sentepe



3,204 m



192 m



2,400 ppl/h in both directions



106 plus VIP cabins



Ankara, Turkey

## ANKARA – ACTUAL PROJECT

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### New comfortable transport connection in Turkish capital

Modern design and extraordinary architecture make the 4 stations a visual highlight

special urban design for the towers

cabins with seat heating, WLAN and multimedia solution

operating hours from 5 am to 11 pm

Cost efficient and sustainable with LEITNER DirectDrive



Station 2 by day



Station 2 by night

