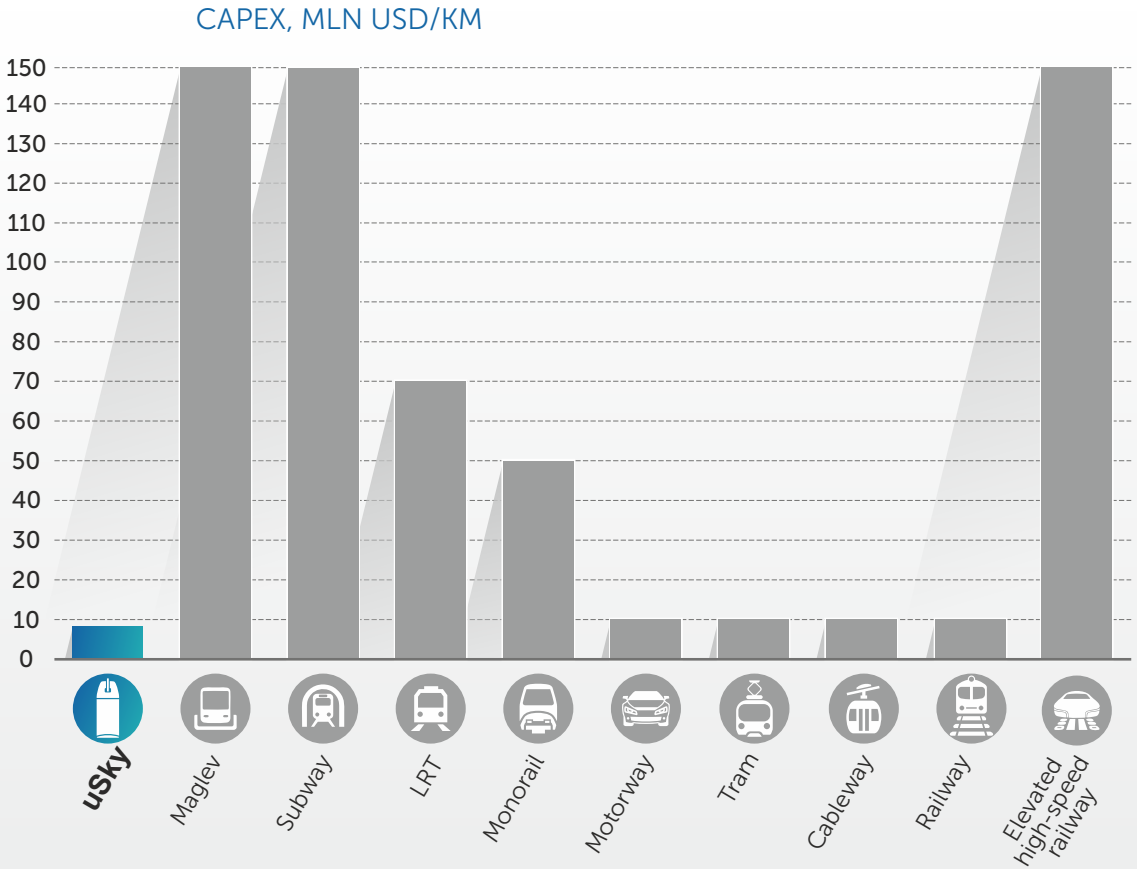
uSky Transport

UNITSKY STRING TECHNOLOGIES

TRANSPORT TYPES COMPARISON

Unitsky String Technologies

UNITSKY STRING TECHNOLOGIES
LOW CAPEX



COMPOSITE STRING RAIL –

high-strength and durable (service life: 50–100 years)

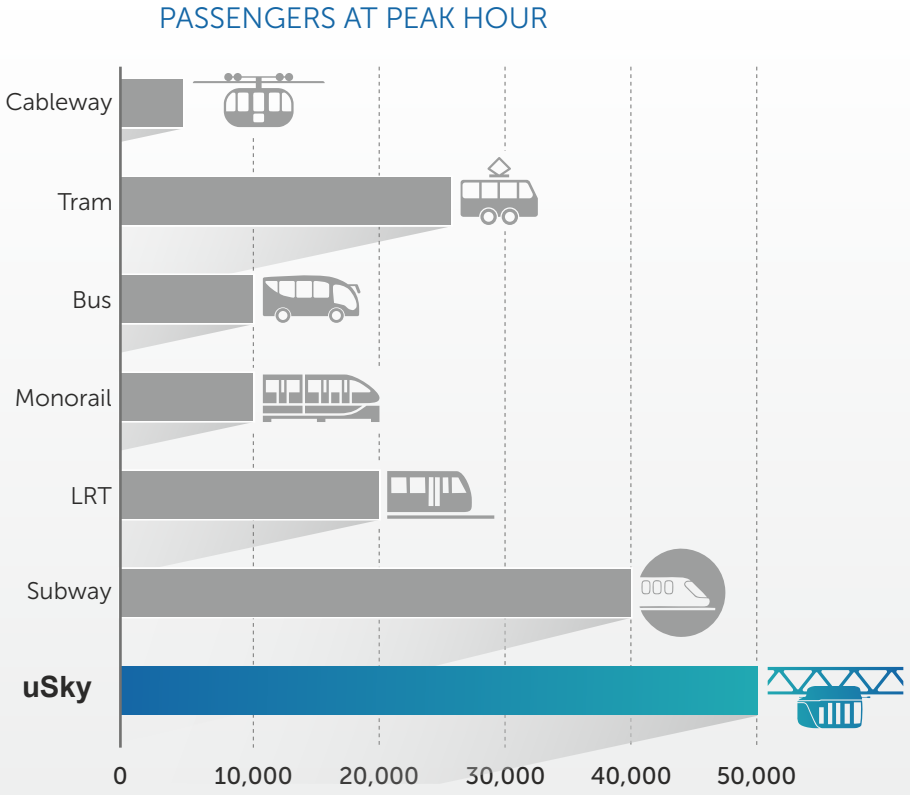
STRING RAIL OVERPASS OF SPECIAL DESIGN

is much lighter and cheaper compared to conventional transport overpasses

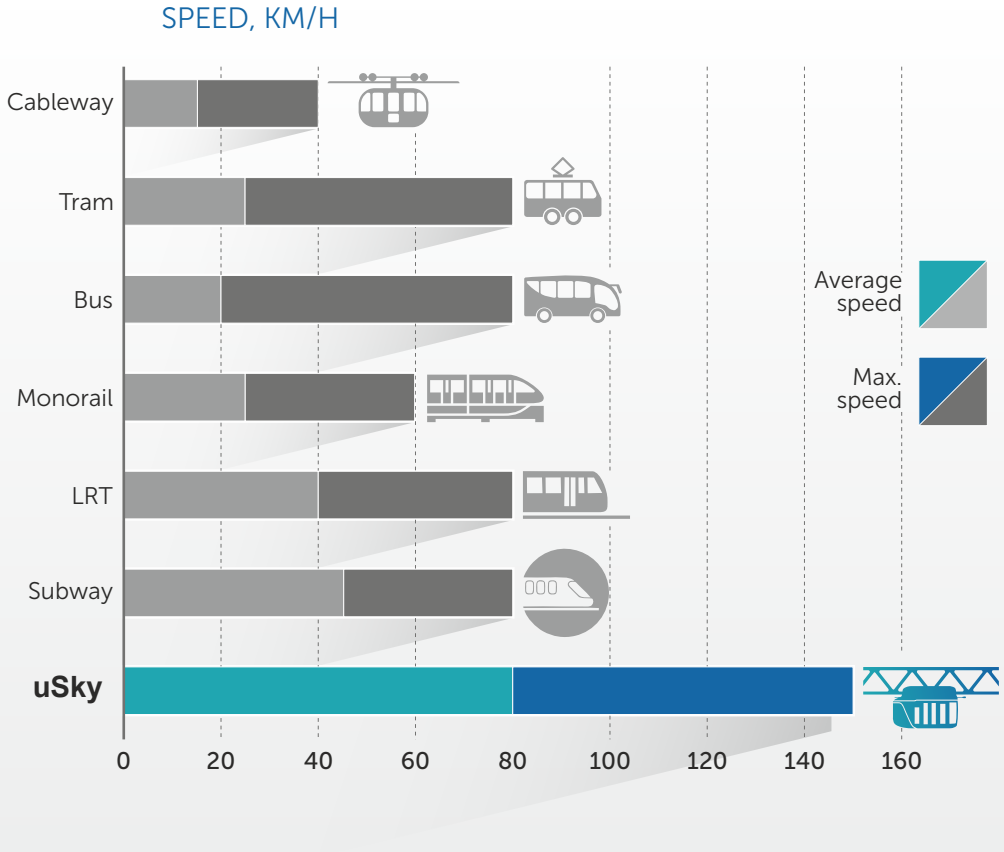
NO NEED

to build a solid roadbed

CARRYING CAPACITY
COMPARED TO DIFFERENT TYPES OF TRANSPORT



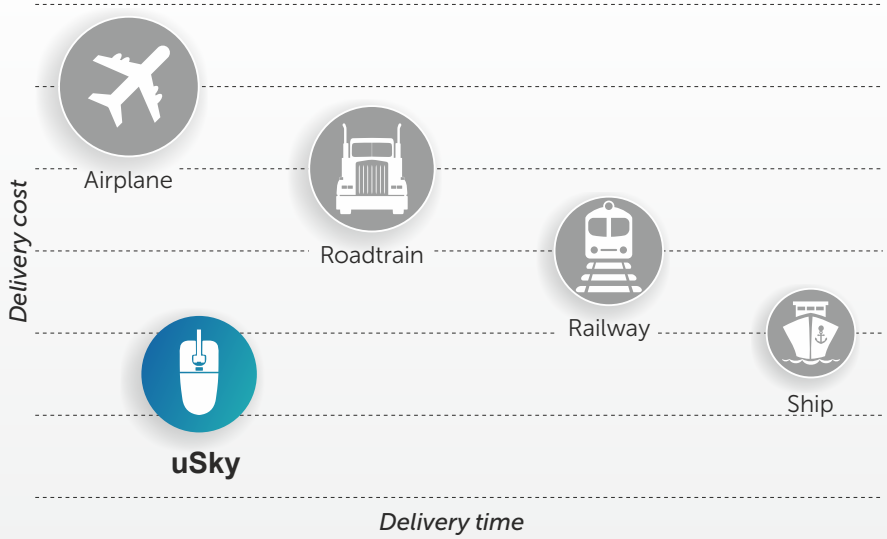
SPEED
URBAN TYPES OF TRANSPORT



1. Separate overpass structure
2. Isolated overpass structure
3. Special steel wheel and rail
4. Intellectual control system
5. Minimum headway

CARGO TRANSPORT

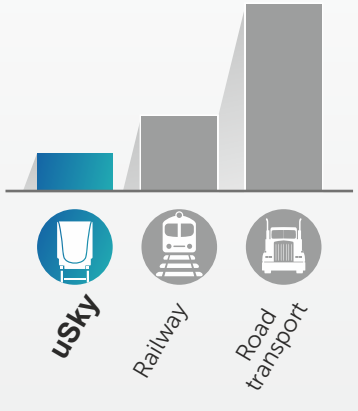
DELIVERY TIME AND COST



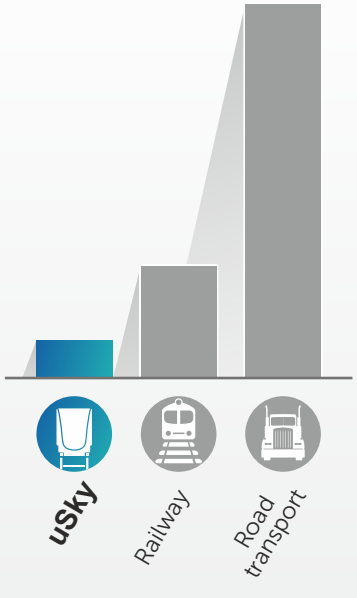
CONTAINER TRANSPORTATION

CONSTRUCTION COSTS

OPERATION COSTS

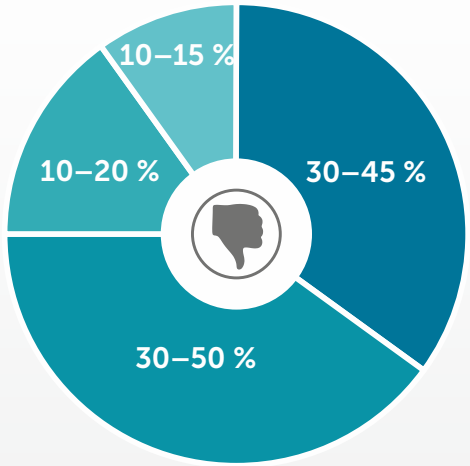


ENVIRONMENTAL POLLUTION



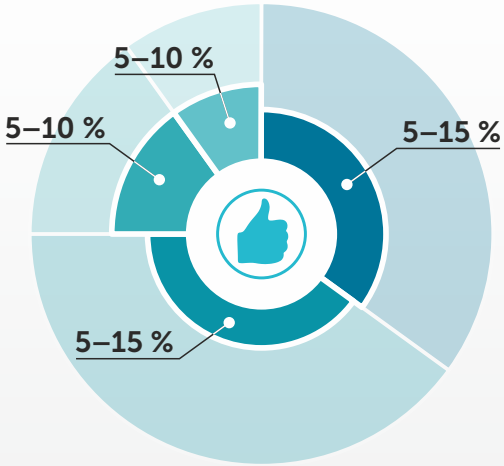
LOW OPEX

PASSENGER TRANSPORT
COST DIAGRAM



- Labor costs
- Electric power
- Maintenance and repair
- Other

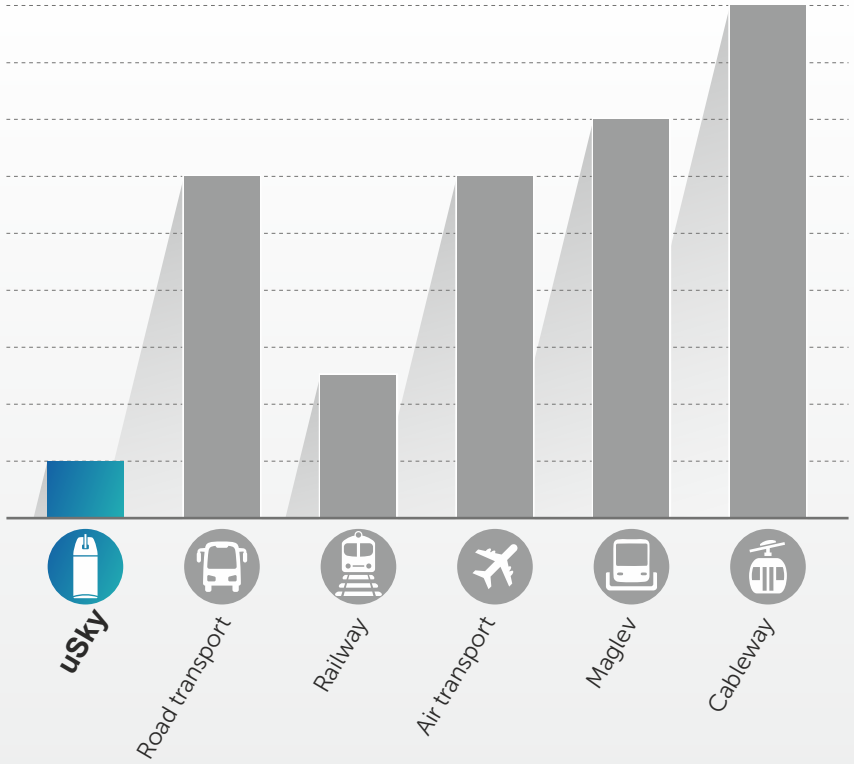
UNITSKY STRING TECHNOLOGIES
COST DIAGRAM



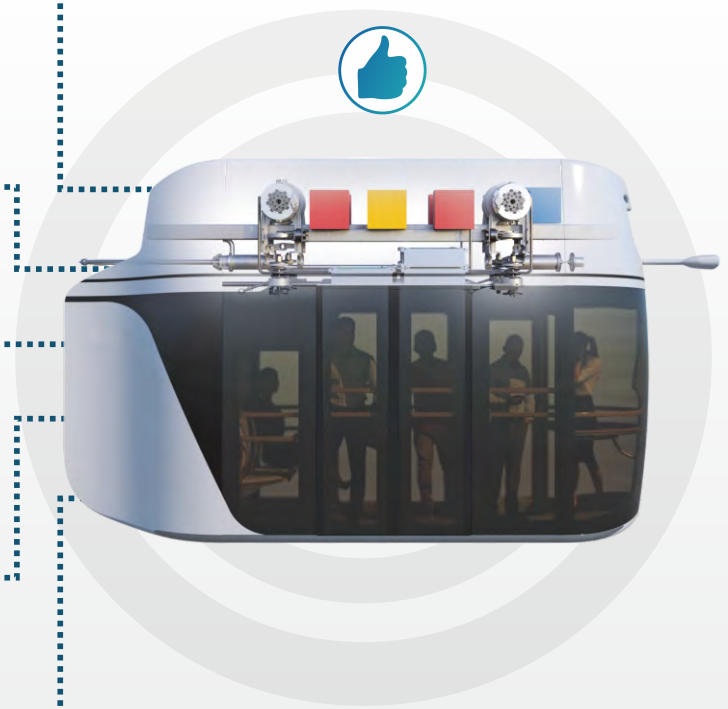
2–3 TIMES OR MORE OPEX SAVING
compared to conventional
transport systems

- Long service life of transport complex (up to 100 years)
- ICS-related labor cost savings
- Cost savings due to reduced power consumption
- Low maintenance and repair costs

LOW ENERGY CONSUMPTION

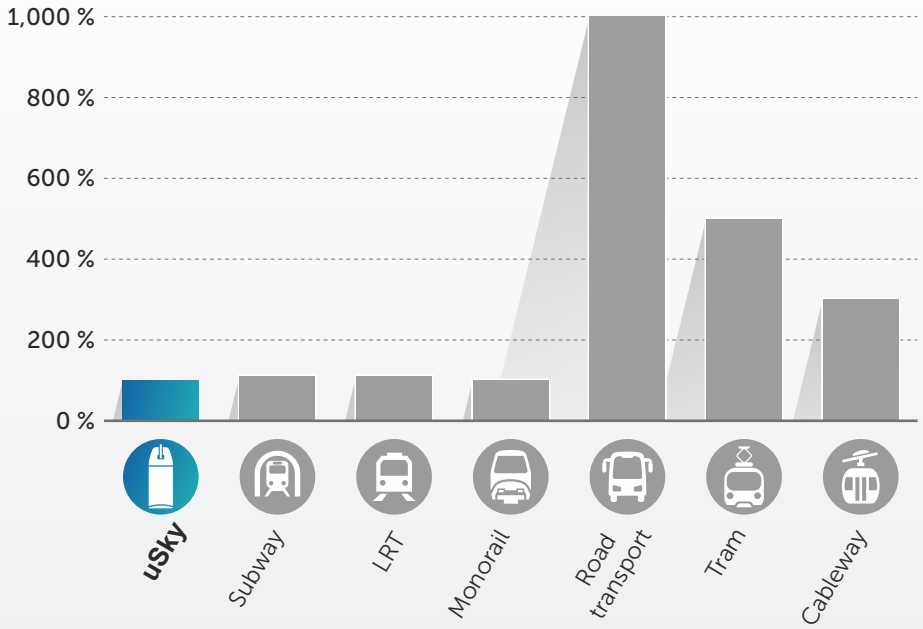


- Innovative technical solutions
- Low aerodynamic resistance
- Special steel rails and steel wheels
- Regenerative braking
- Renewable energy option



HIGHEST SAFETY LEVEL

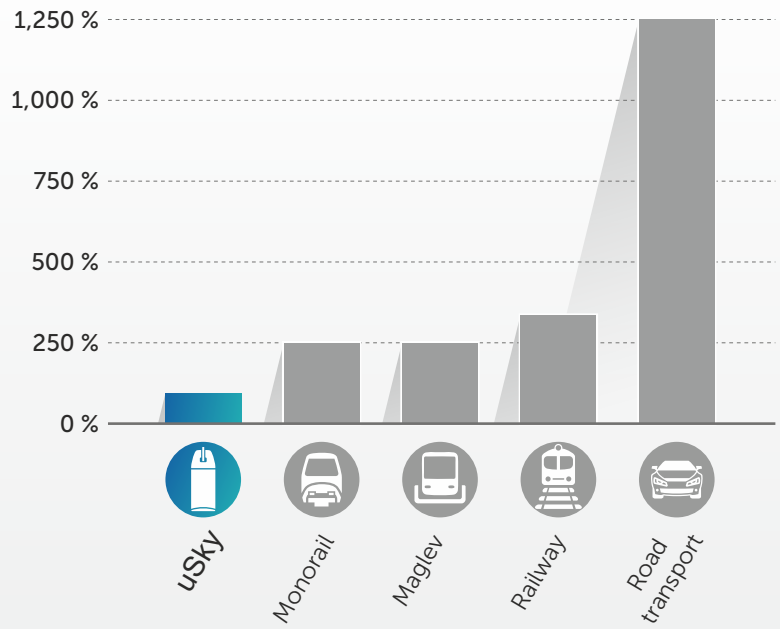
ACCIDENT RATE



- Aboveground track
- Anti-derailment system
- Intellectual control system
- High terrorism and vandalism protection

SUSTAINABILITY

ENVIRONMETAL POLLUTION



Minimum footprint

Emission reduction

Resource saving

Nature conservation

Contacts

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