

VS. OTHER TYPES OF TRANSPORT

SKYWAY

ELEVATED TRANSPORT AND INFRASTRUCTURE COMPLEX



PROJECT IMPLEMENTATION





PROJECT IMPLEMENTATION

SkyWay Technology is being implemented in the town of Maryina Gorka (Republic of Belarus)







Design and construction of high-speed track is in progress

SKYWAY TECHNOLOGY – **COMPOSITE STRING RAIL** – LOW CAPEX high strength and durability 150 -----140 130 **STRING RAIL OVERPASS** 120 -----**OF SPECIAL DESIGN** 110 much lighter and cheaper 100 than conventional solutions 90 -80 70 60 **NO NEED** 50 40 to build a solid roadway 30 20 -----10 -----Í Politica Magler Magler rien rien High Speed St. Way hansood Ansood CAPEX, MLN USD/KM

SKYWAY CARRYING CAPACITY





SKYWAY VS. OTHER TYPES OF TRANSPORT (4)

CARRYING CAPACITY

COMPARED TO DIFFERENT TYPES OF TRANSPORT



PASSENGERS / PEAK HOUR





SPEED, KM/H



• Minimum headway

SKYWAY VS. CABLEWAY

CABLEWAY		SKYWAY	
21.6 km/h (6 m/s)	SPEED	Up to 150 km/h (incity)	
2–5 km	TRACK LENGTH	300 km and more	
Motor drives both cable and cars	PRINCIPLE OF	Steel-wheeled automotive	
	MOVEMENT		
Complete replacement of cables	SERVICE LIFE	Track structure – 50–100 years,	
each 6–8 years		rolling stock – 25 years	

SKYWAY VS. SUBWAY

SUBWAY		SKYWAY
from \$100 mln/km	CAPEX	\$5–7 mln/km
Individual track, tunneled, underground stations	DESIGN COMPLEX	KITY Individual track integrated into urban architecture
Train – from 5 coaches for 100 passengers and more each. Platform length is more than 100 m.	ROLLING STOCH Passenger Capac	K CITY Platform length from 6 m.
110 km/h	MAX. SPEED	150 km/h
32–42 km/h	AVERAGE SPEEI	D 70–80 km/h
2–8 minutes	HEADWAY	15-20 sec (min. 2 sec)
More than 40 years	PAYBACK PERIO)D 5–7 years



CARGO TRANSPORT

DELIVERY TERM AND COST



Delivery term

SKYWAY VS. OTHER TYPES OF TRANSPORT (9)



UNITRANS VS. CONVEYOR





CONTAINER TRANSPORTATION

CONSTRUCTION COSTS

OPERATION COSTS

ENVIRONMENTAL POLLUTION









LOW OPEX





Salary saving due to ACS

Cost saving due to reduced power consumption

Lower maintenance and repair costs

SKYWAY VS. OTHER TYPES OF TRANSPORT (12)

LOW POWER CONSUMPTION





SKYWAY VS. OTHER TYPES OF TRANSPORT (13)

SKYWAY – DEVELOPMENT OF ENERGY AND COMMUNICATION

The string rail structure provides the development of energy and information networks in road construction



SKYWAY VS. OTHER TYPES OF TRANSPORT (14)

(power lines, communication, other)

HIGHEST SAFETY LEVEL









Automated control system



High anti-terrorist and anti-vandalism protection





SUSTAINABILITY

ENVIRONMETAL POLLUTION





CONTACT DETAILS

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