



METHODOLOGICAL APPROACHES TO THE FORMATION OF EFFECTIVE PASSENGER TRANSPORT SYSTEMS

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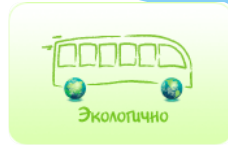
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Minsk, Republic of Belarus

Ashgabat, 27 November 2016



Problem:
low payback of
passenger
transportation

Problem:
decrease in
volumes of
passenger
transportation

Problem:
the aging of the
vehicle fleet

The root causes

Problem

Problem

Problem

INTERESTS OF THE STATE



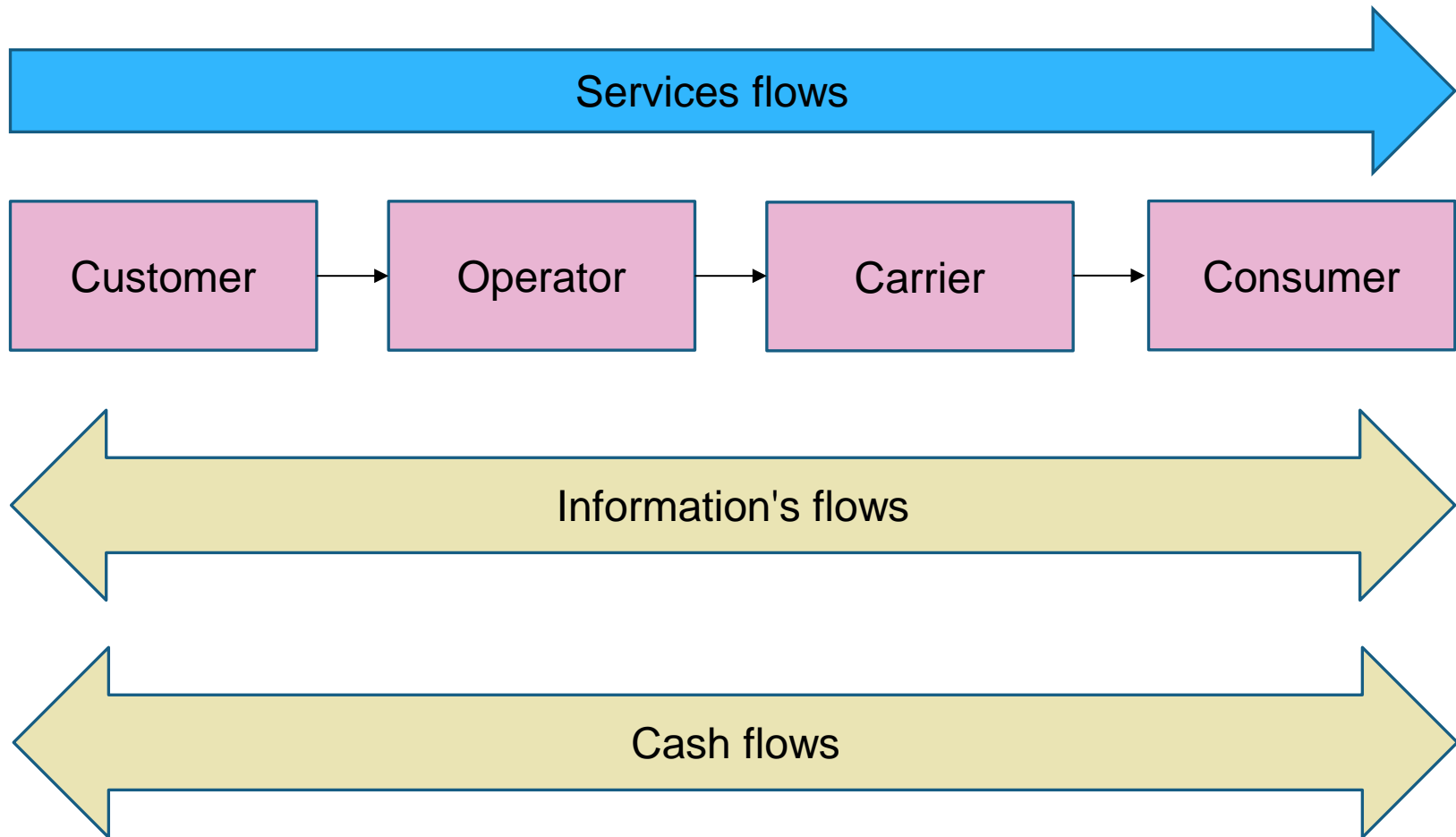
INTERESTS OF THE CARRIER



POPULATION INTERESTS

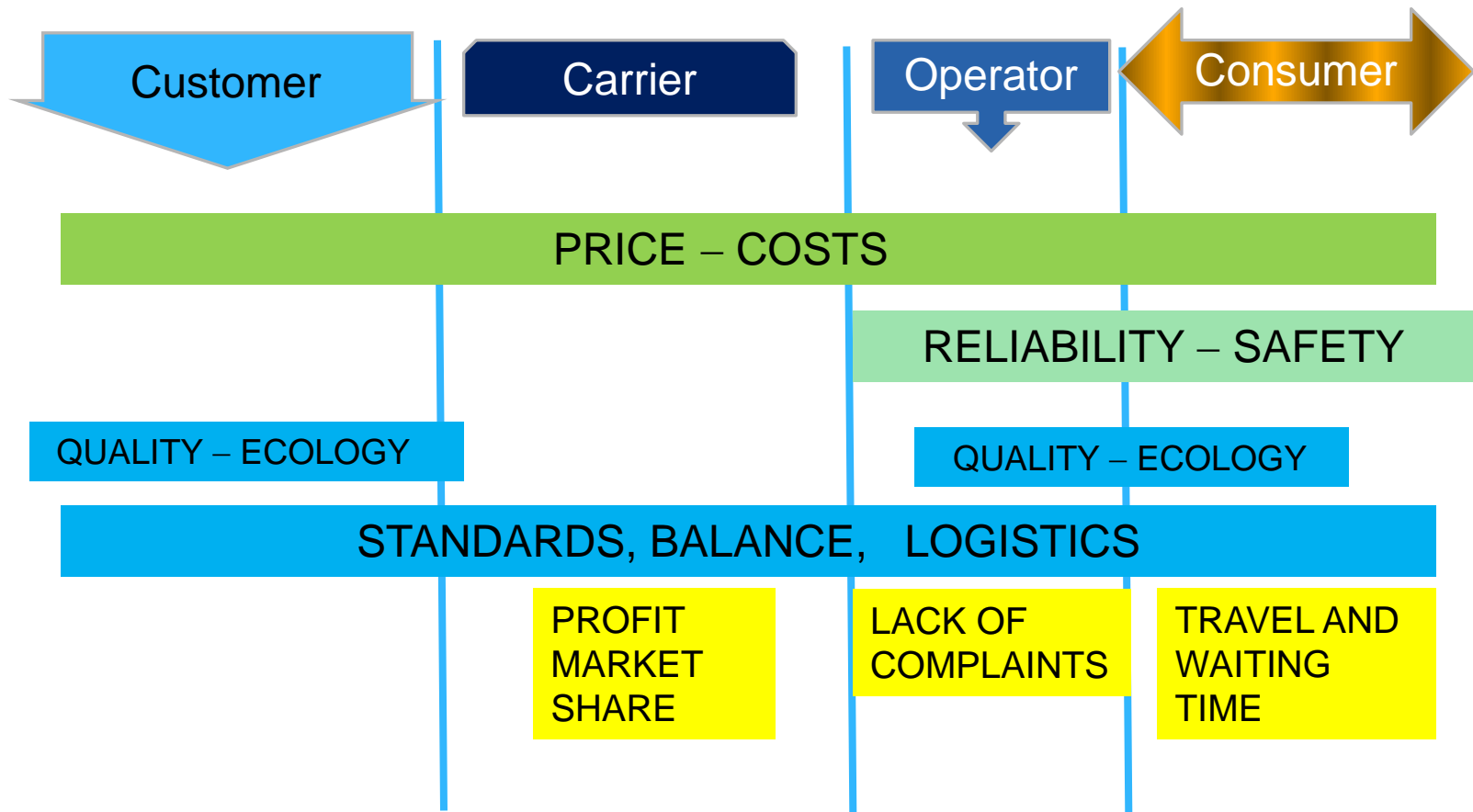


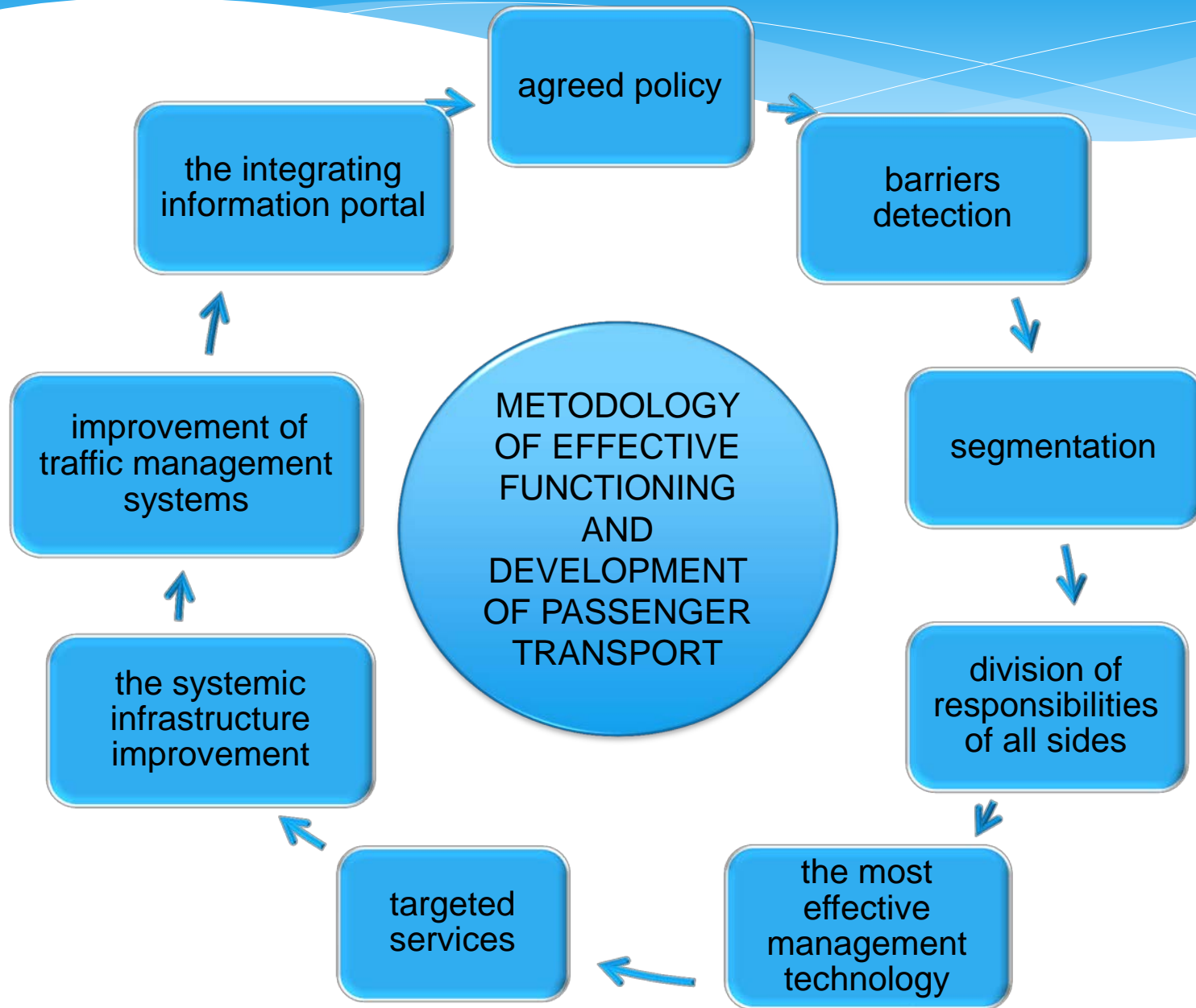
Passenger transport as a system





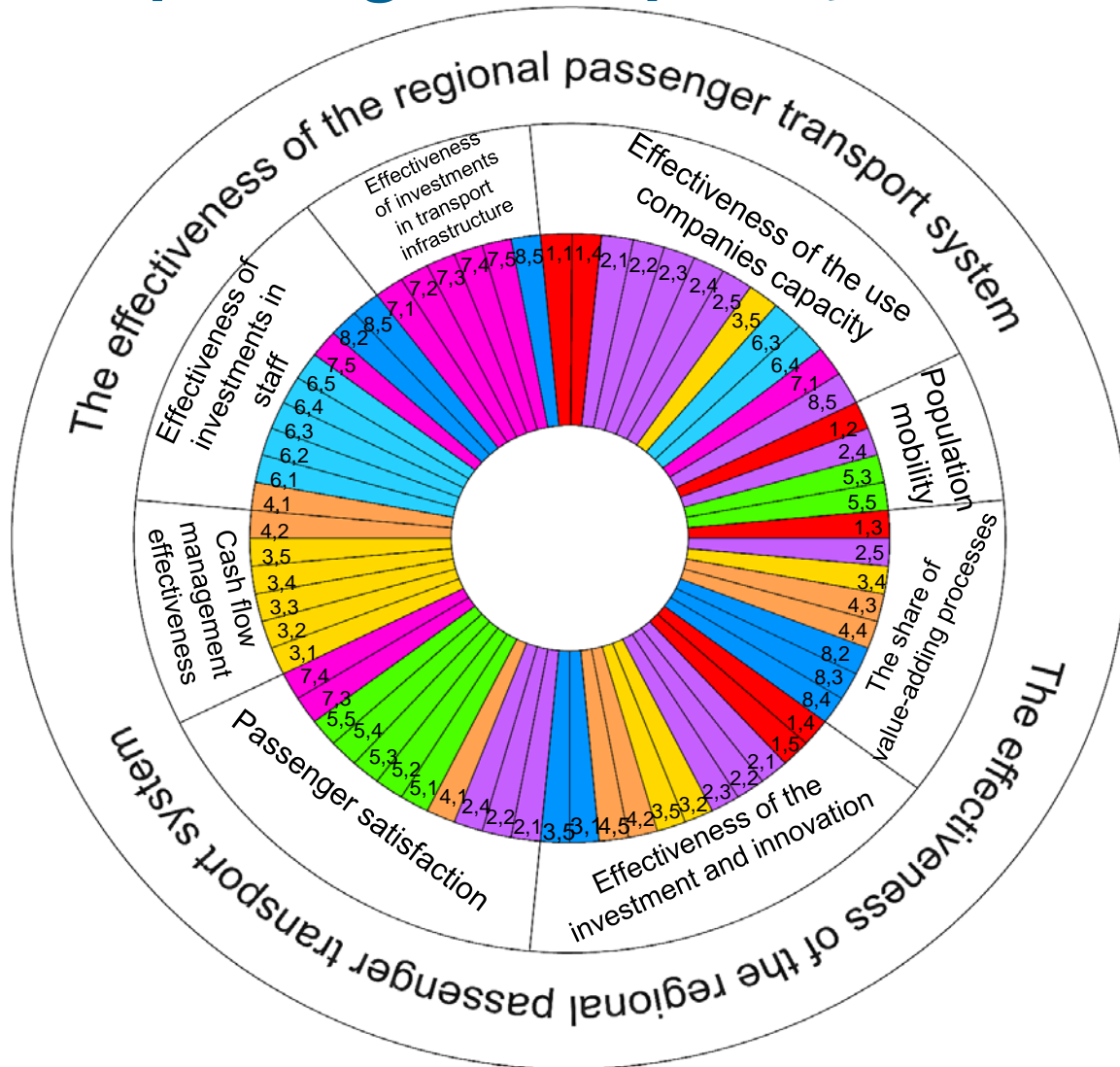
Targets of interest groups



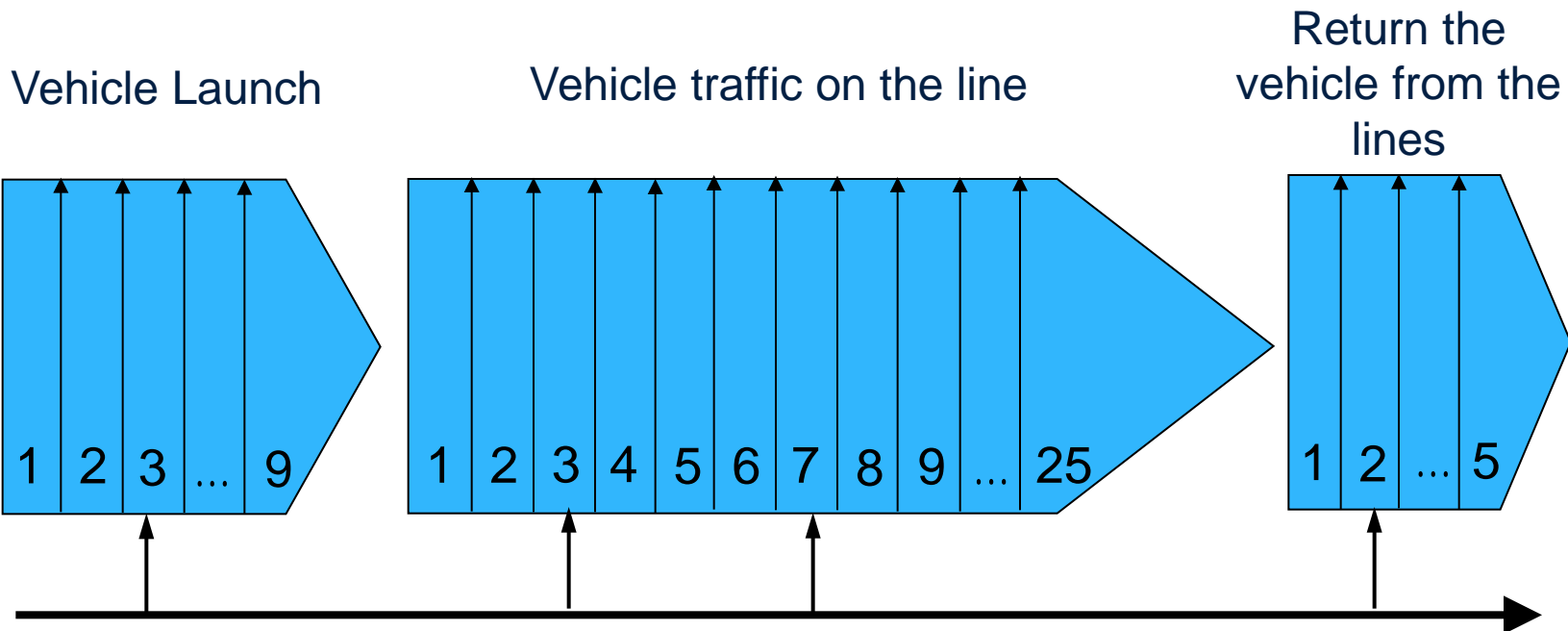




The effectiveness of the regional passenger transport system



Process view of the passenger transportation



External factors influencing the passengers transportation process:

- transport infrastructure, uniformity of movement, automatization level;
- Vehicle, their technical condition.



Application of classification

The classifying parameters	Estimation of the dominant features					Parameter estimation
	Feature 1	Feature 2	Feature 3	Feature 4	Feature 5	
Parameter 1	7	9	7	5	7	7,0
Parameter 2	5	8	6	9	9	7,4
Parameter 3	8	6	8	8	8	7,6
Parameter 4	7	9	3	9	7	7,0
Parameter 5	10	9	10	10	9	9,6
Parameter 6	8	10	7	10	5	8,0
Parameter 7	9	5	5	10	6	7,0
Parameter 8	9	6	4	7	7	6,6

The line of colors	Points									
		1	2	3	4	5	6	7	8	9

Areas for further researches

- Development of perspective directions of related services in the field of passenger transport to increase population mobility and passenger satisfaction
- Development of passenger transport services consumers segmentation systems to enhance the attractiveness of public transport and to optimize the transport work measurement parameters
- Development of normative legal acts. Rules of subjects interaction development
- Research the causes of the loss in traffic and the development of proposals to reduce their impact on the effectiveness of passenger transport
- Development of personnel management system that provides a constant growth of efficiency of its operations
- Development of financial flows management techniques that enhance the efficiency of passenger transportation on the basis of a process-oriented cost accounting system and revenue.



Thank you for your kind
attention!

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