



Governance of Informal Public Transport in Turkey

Erhan Oncu

Senior Transport Planner

UITP Honorary Ambassador

Principal & Owner of U-Art Consultancy Ltd (Ret.)

Key Factors of Success to Formalize Informal Transport and the Significance of Authorities



Headings

Part 1

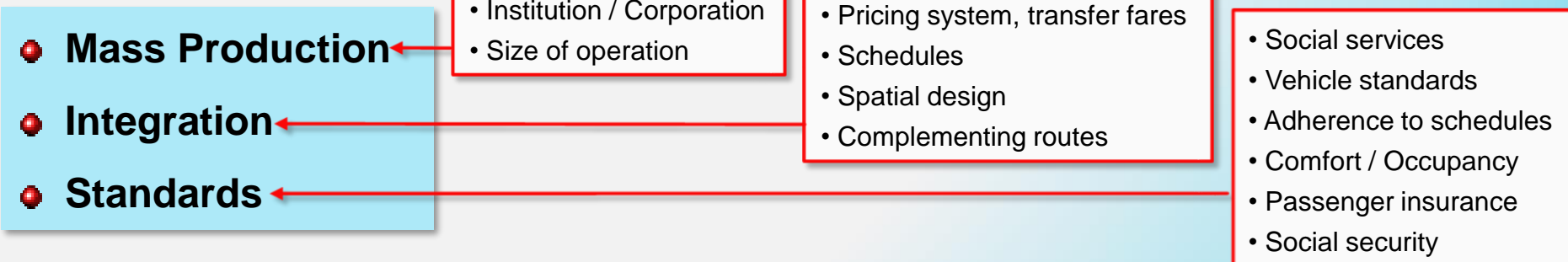
- ▶ Definition of Informal Transport
- ▶ Types of Informal Transport in Turkey
- ▶ Effects and Role of Informal Transport

Part 2

- ▶ What has changed after pandemic?
- ▶ Roadmap for Recovery and Reorganization

	Municipal Bus	Rail	Ferry	IOP Bus*	Minibus	Employee Bus	Taxi
• Fixed Route	Green	Green	Green	Green	Green	Yellow	Red
• Fixed Fare	Green	Green	Green	Green	Green	Green	Green
• Fixed Schedule	Green	Green	Green	Yellow	Yellow	Green	Red
• Open to Public	Green	Green	Green	Green	Green	Red	Green

* Individually Operated Public Bus



- 50s: Rapid urbanization, immigration
- Need to reach employment
- Need for mass transport
- Limited public funds for (public) transport



Individuals started as single operators

- Created own rules, lines and market
- Need for regulation and
- Limitation for market entry

Current Forms of Informal Public Transport

Part 1

Municipal Bus



Individually Operated Public Bus



Minibus (Dolmus)



Taxi Dolmus



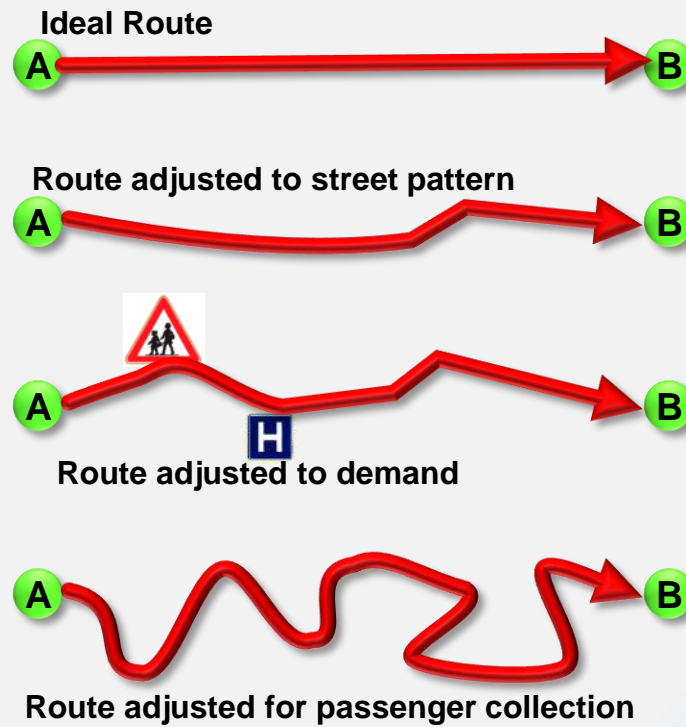
Service Bus



Taxi



• Deterioration of network

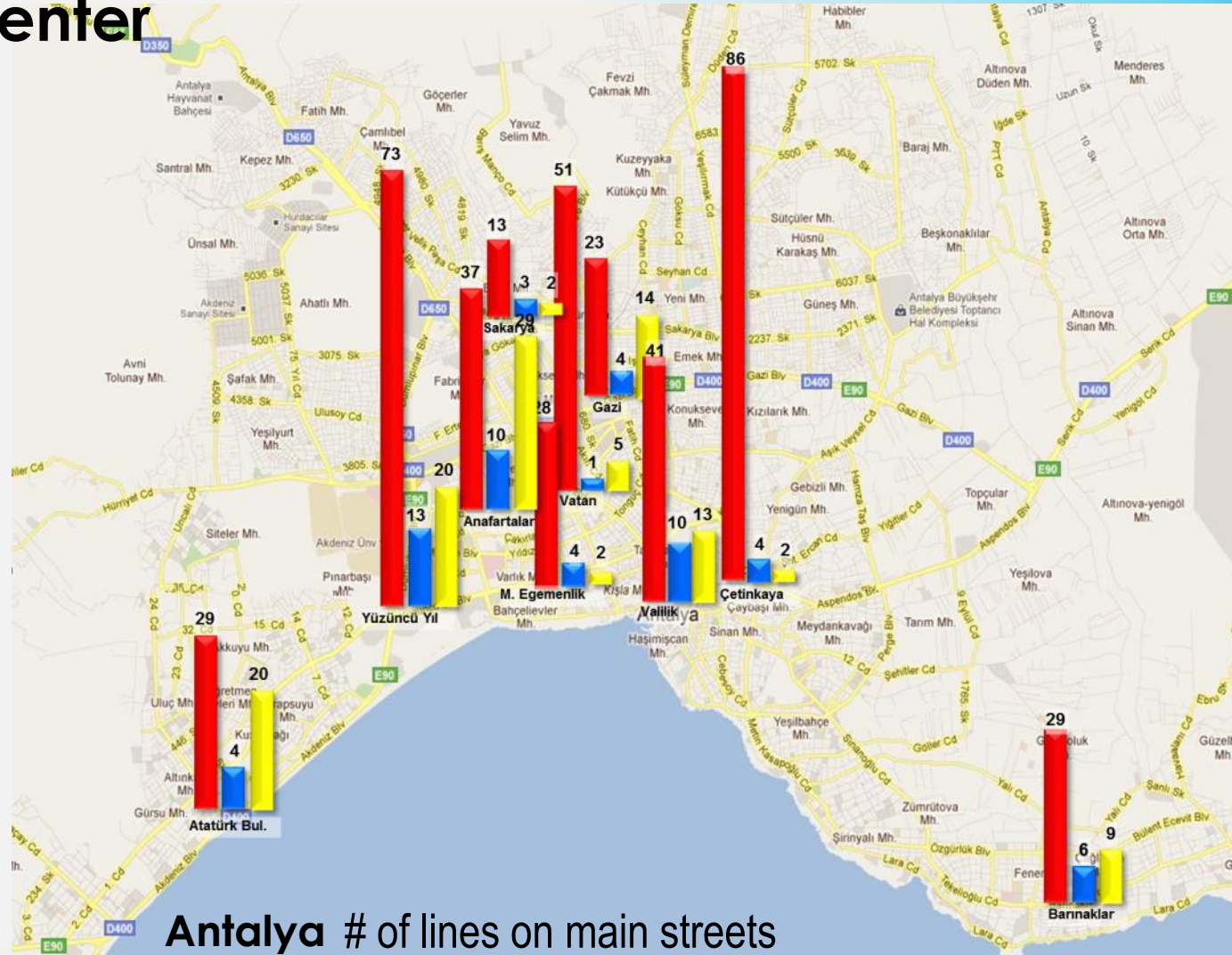




Effects and Role of Informal Transport

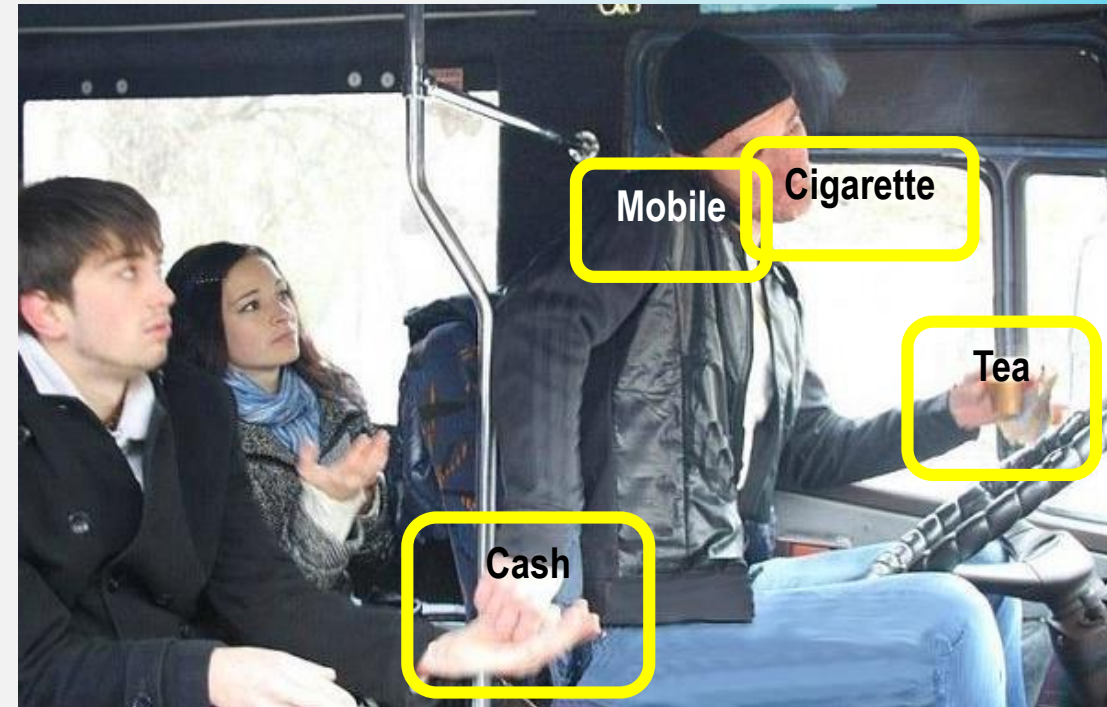
Part 1

- Deterioration of network
- Concentration of lines in the center



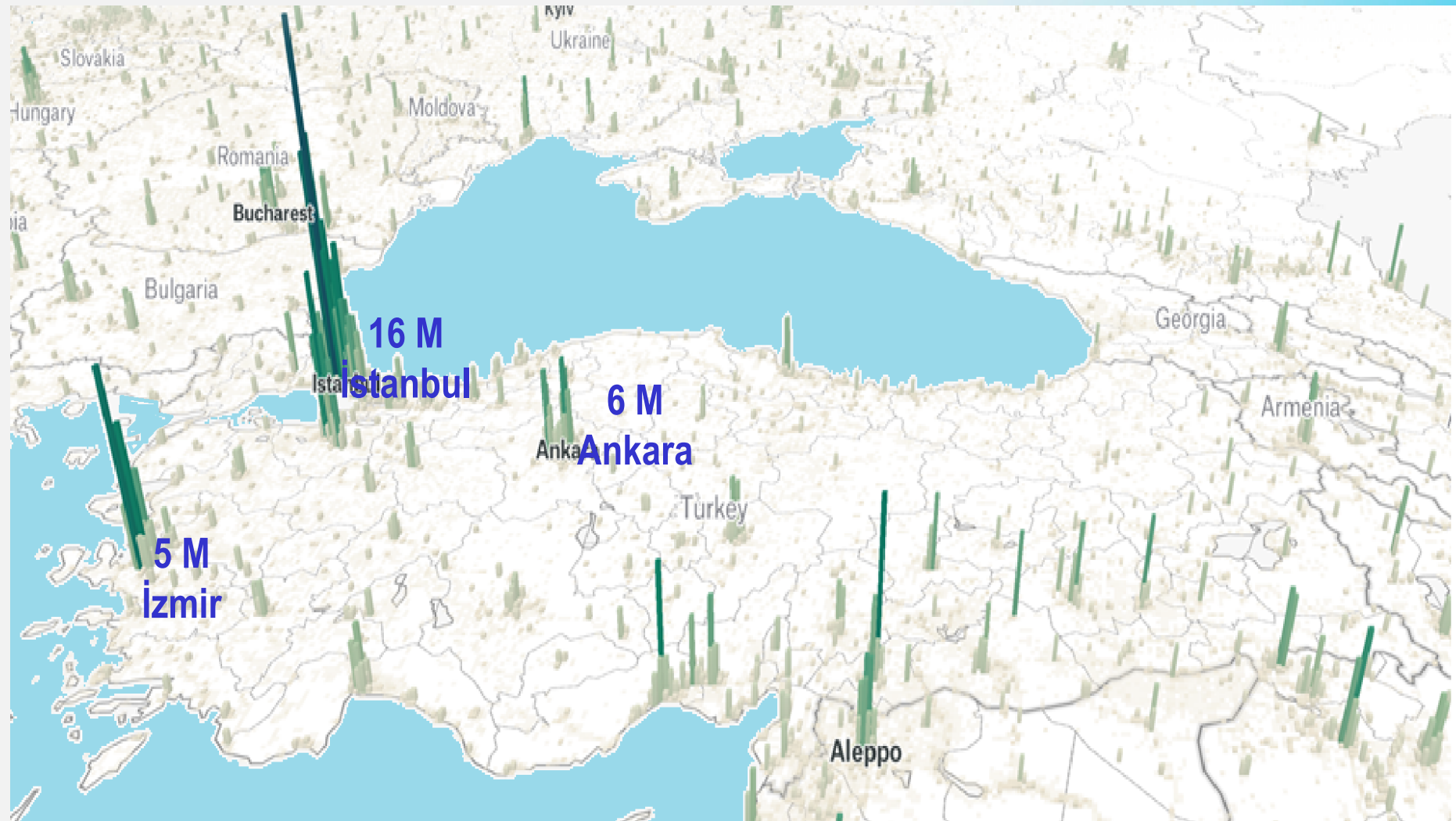
Antalya # of lines on main streets

- Safety and comfort standards
- Driving behavior
- No operation and ownership data
- No (or very limited) integration
- Social service considerations
- Low or no tax revenue
- **Market value of license**
 - Ever increasing with capacity limitations
 - Root of problems and deformations



● Population distribution

85 millions



Effects and Role of Informal Transport

Part 1

	Operational				Regulatory						
	Fixed Fare	Fixed Schedule	Fixed Route	Open	EFC	Stops	Integration	Tendered	Plate Value	Timed Contract	
Taxi Dolmus	Exists	None	Exists	Exists	None	None	None	None	Exists	None	
Minibus Dolmus	Exists	None	Exists	Exists	None	None	None	None	Exists	None	
IOP Bus	Exists	Varies	Exists	Exists	Varies	Varies	Varies	None	Exists	Varies	
Contracted Bus	Exists	Exists	Exists	Exists	Exists	Exists	Exists	Exists	Exists	Exists	
School Bus	Exists	Varies	Varies	None	None	Varies	None	None	Exists	None	
Employee Bus	Exists	Varies	Varies	None	None	Varies	None	None	Exists	None	
Company Bus	Exists	Varies	Varies	None	None	Varies	None	None	None	None	

Size of operations:

Now 60,000

● Istanbul (14.1 m)

● Municipal	2613
● Minibus	6933
● IOPBus	2347
● Employee bus	30159
● Total	42052

} % 93.8

● Ankara (5.4 m)

● Municipal	1973
● Minibus	2231
● IOPBus	690
● Employee bus	6283
● Total	11177

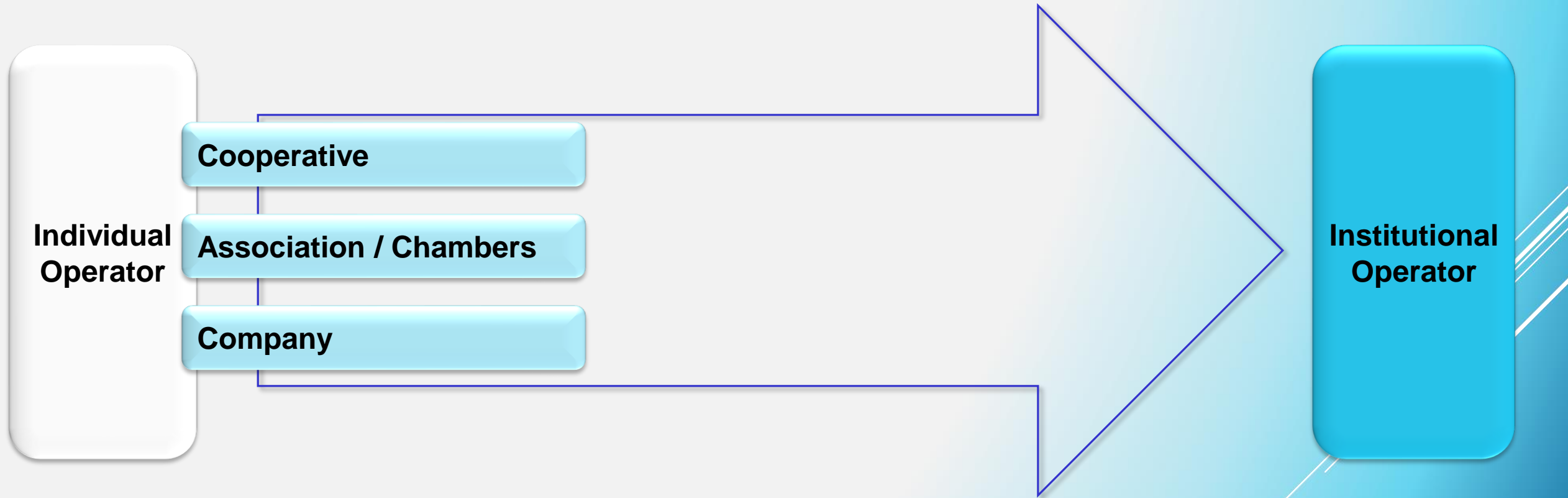
} % 82.3

● Izmir (4.6 m)

● Municipal	1828
● Minibus	1117
● IOPBus	1614
● Employee bus	5245
● Total	9804

} % 81.4





● Shift to other modes

- Car
- Bike
- Walk

● Reduction in trip production rates

- E-commerce, e-learning, e-banking, etc.
- Stopping unnecessary trips
- Limiting social activities
- Relocation of home/work locations
- Closure of education

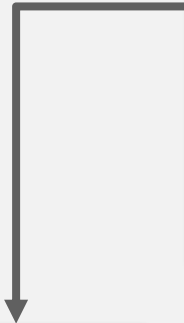
● Reduced demand

- Capacity restrictions
- Tight control of occupancy
- Disinfection requirements

● Reduced revenues

● Additional costs

Financial crisis



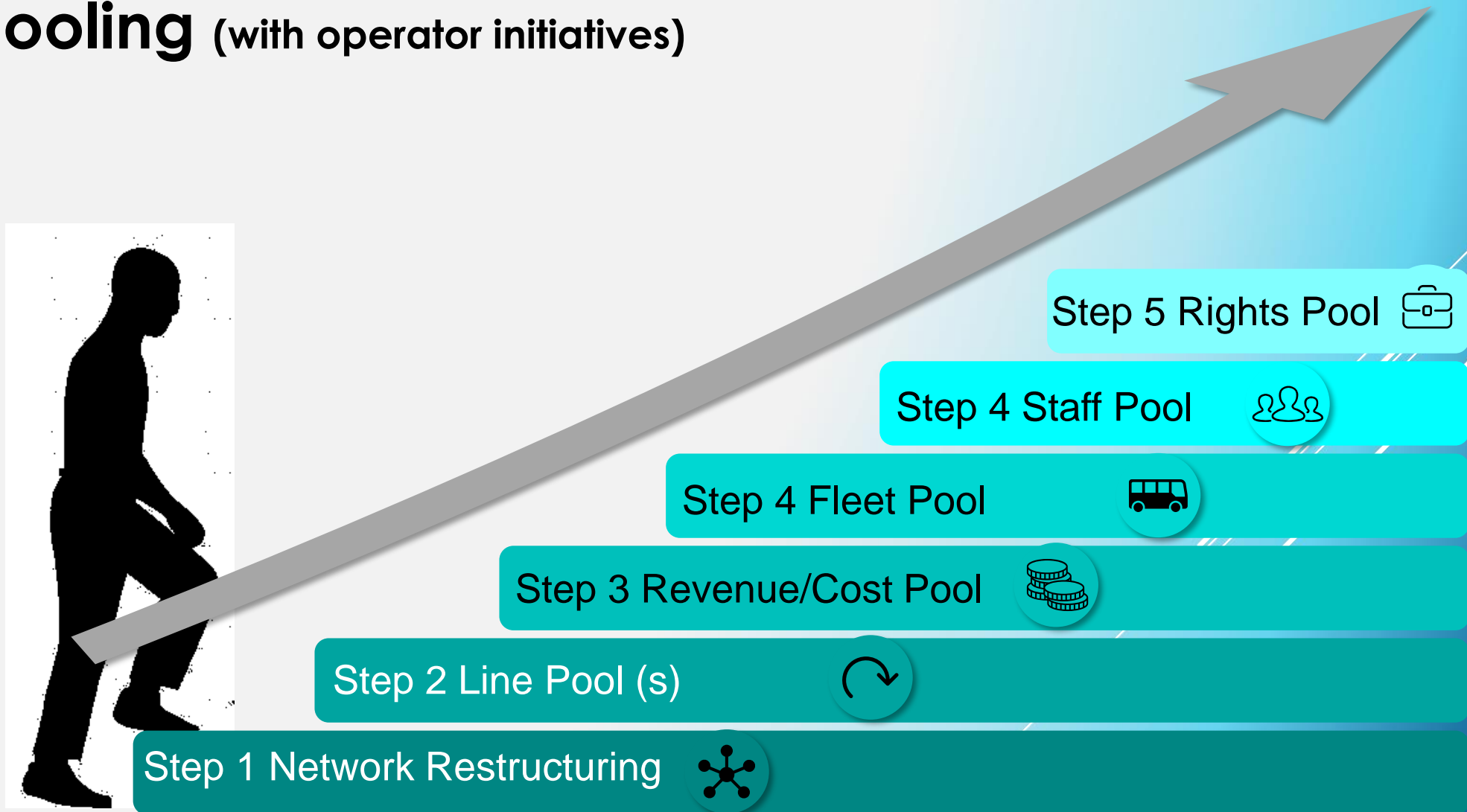
Part 2



Objectives and strategy for **Recovery** + **Restructuring**

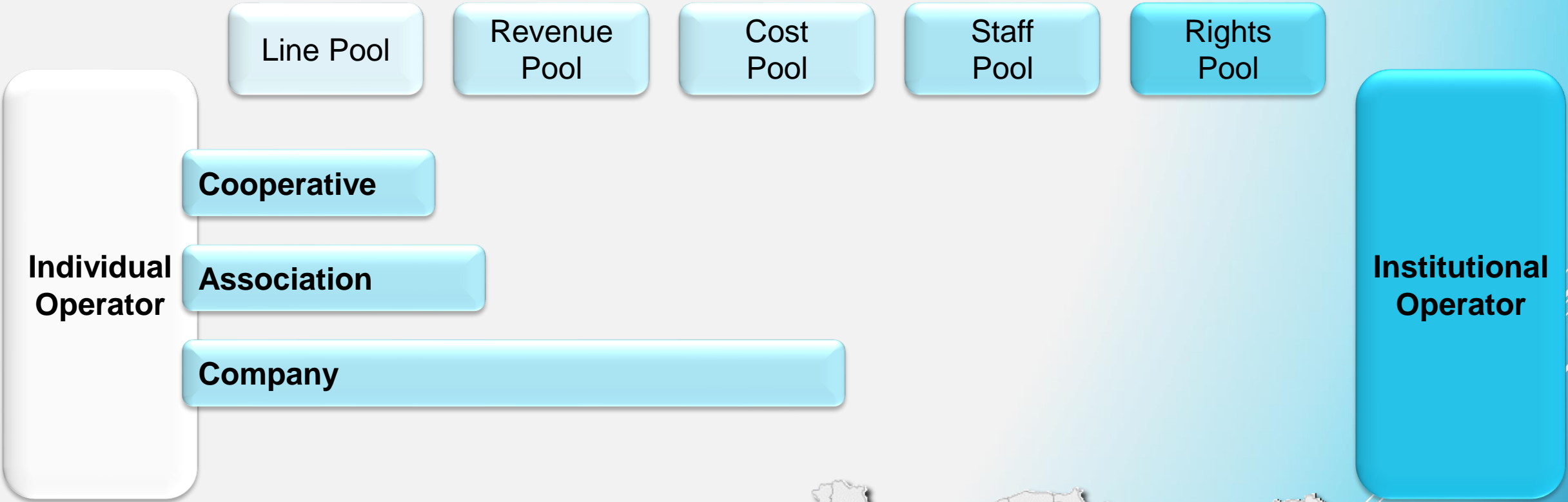
- **Redefine network and services**
- **Restructure tendering and contracts**
- **Restructure client organizations**
- **Separate operators from**
 - **corridors (geography)**
 - **cash**
 - **vehicles**
 - **staff**
 - **rights**

Strategy 1: Pooling (with operator initiatives)

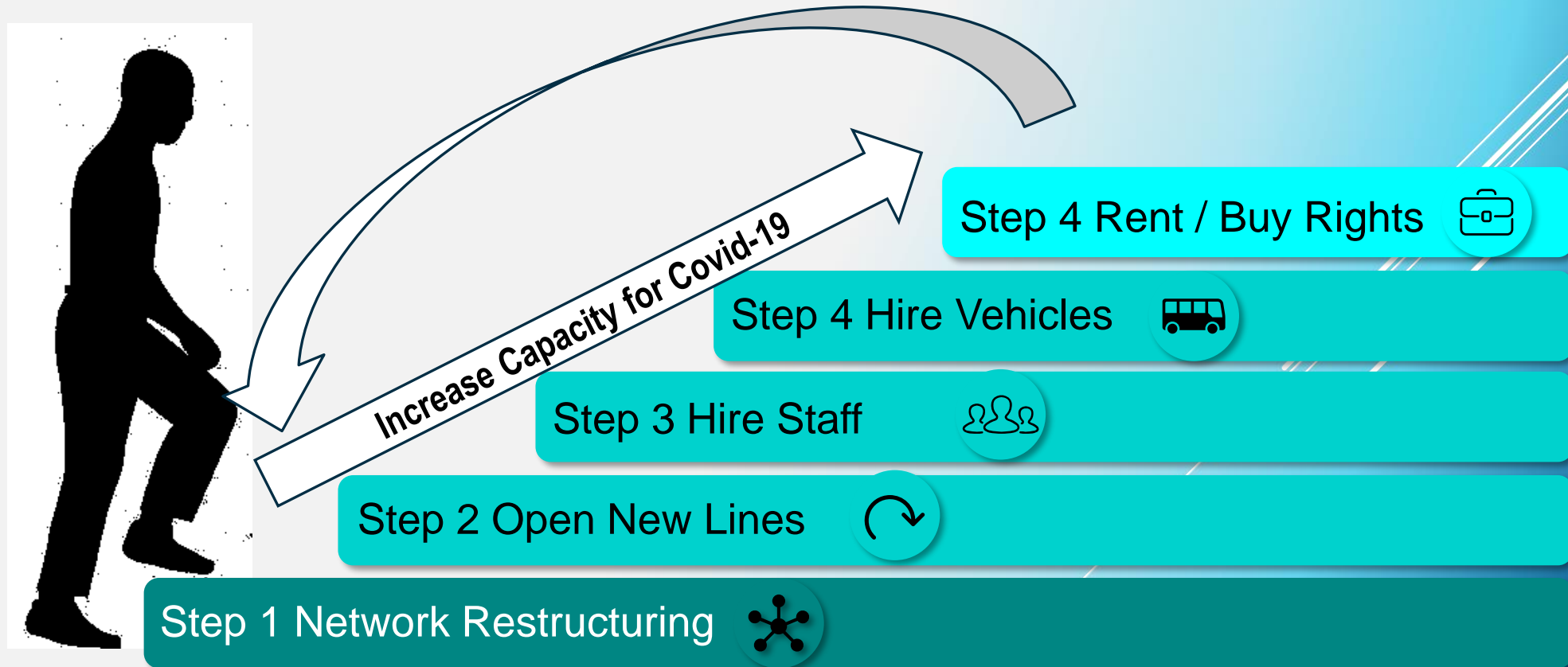


Effects and Role of Informal Transport

Part 2



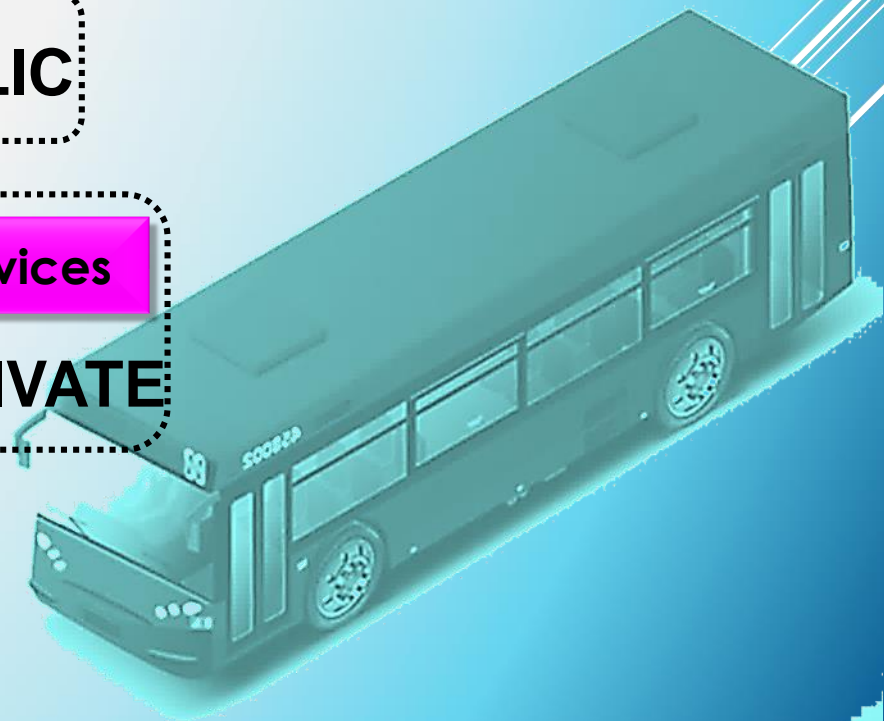
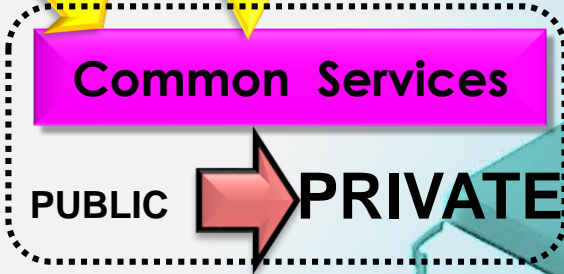
Strategy 2: Unbundling (with municipality initiative)



Conclusions...



Restructure management and redefine rules



Conclusions...

- Restructure management and redefine rules
- Increase capacity with new players for requirements of Covid-19
- Focus on new players and rules
- Allow new conditions to lead current players
- Use new conditions to define a better future
- Focus **on roots of the problem not to symptoms**



Thank you...