

# „Stolipinovo“ An European Show Case

## EVN BULGARIA

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# The Project

ASPECTS	Social, economical, political, healthy and etc.
GENERAL AIM	Joined efforts to turn Stolipinovo as a show-case for solving Roma questions
EVN GOAL	European standards of electricity supply in one of the biggest European Roma residential districts
STAKE HOLDERS	Leadership by the public stake-holders to secure the process

# What Are We Talking About?

## FACTS & FIGURES

- 4,5 km<sup>2</sup> territory
- around 5'500 connected to the grid and around 2'000 unconnected facilities
- around 35'000 multi ethnic inhabitants during the summer and double the amount in winter
- 17 transformer stations
- 187 km electric lines and infrastructure in very bad condition
- unpaid debt is around 12 Mio. leva
- collective rate is around 3%
- 50 GWh annual consumption
- technological losses – around 40 %



# Used During The Years Decisions

## ACTION

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- Appointing collectors of Roma origin for better integration of the clients
- Installation of the tables high on the electric pylons
- Power curb for the whole residential district

## RESULT

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- No significant result
- Maintenance difficulties and increased costs
- Discontent among correct customers

# EVN Goal

## European Standard

**To improve  
quality of  
supply**

**To ensure  
equal  
treatment  
of all  
customers**

**To  
improve  
the quality  
of life by  
abolishing  
the power  
curb**

# What Is The Technical Solution?

## INDIVIDUAL CUSTOMER ORIENTATED PROCESSES

1

- Change of the LV cables and installation of new tables with protection
- Reconstruction of the LV network – change of the bare wires with insulated ones

- Protection of the tables and transformer stations by a licenses company and guards

**Distant reading system and remote control of the customers consumption**

2

- Distant reading system and remote control of the consumption, distant switch off and on of the electricity

4

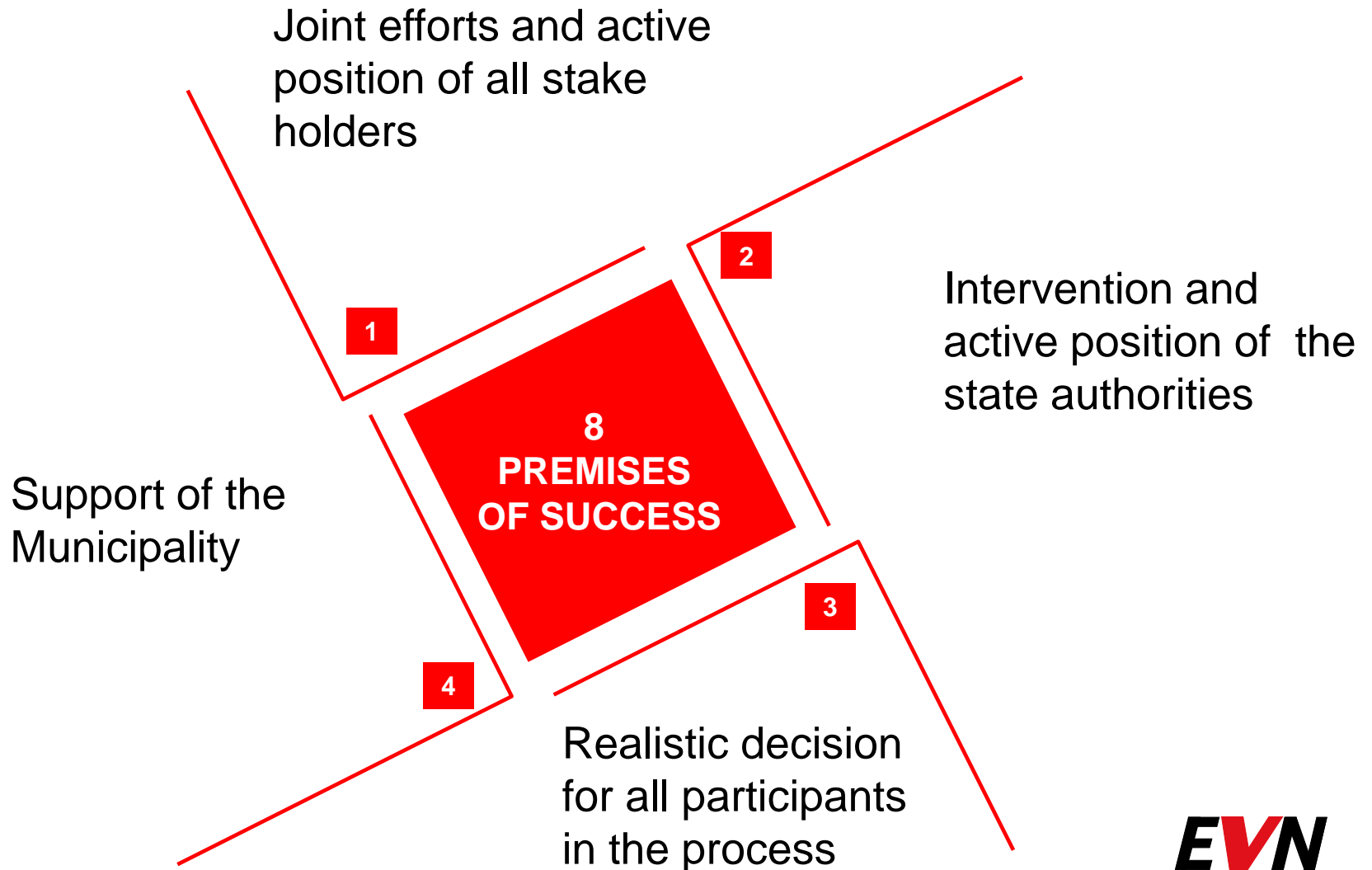
- Electronic electrometers with communication possibilities
- Installation of balancing electrometers in the deviations of the transformer stations
- Installation of controlling electrometers where and if needed

3

# EVN Commitment

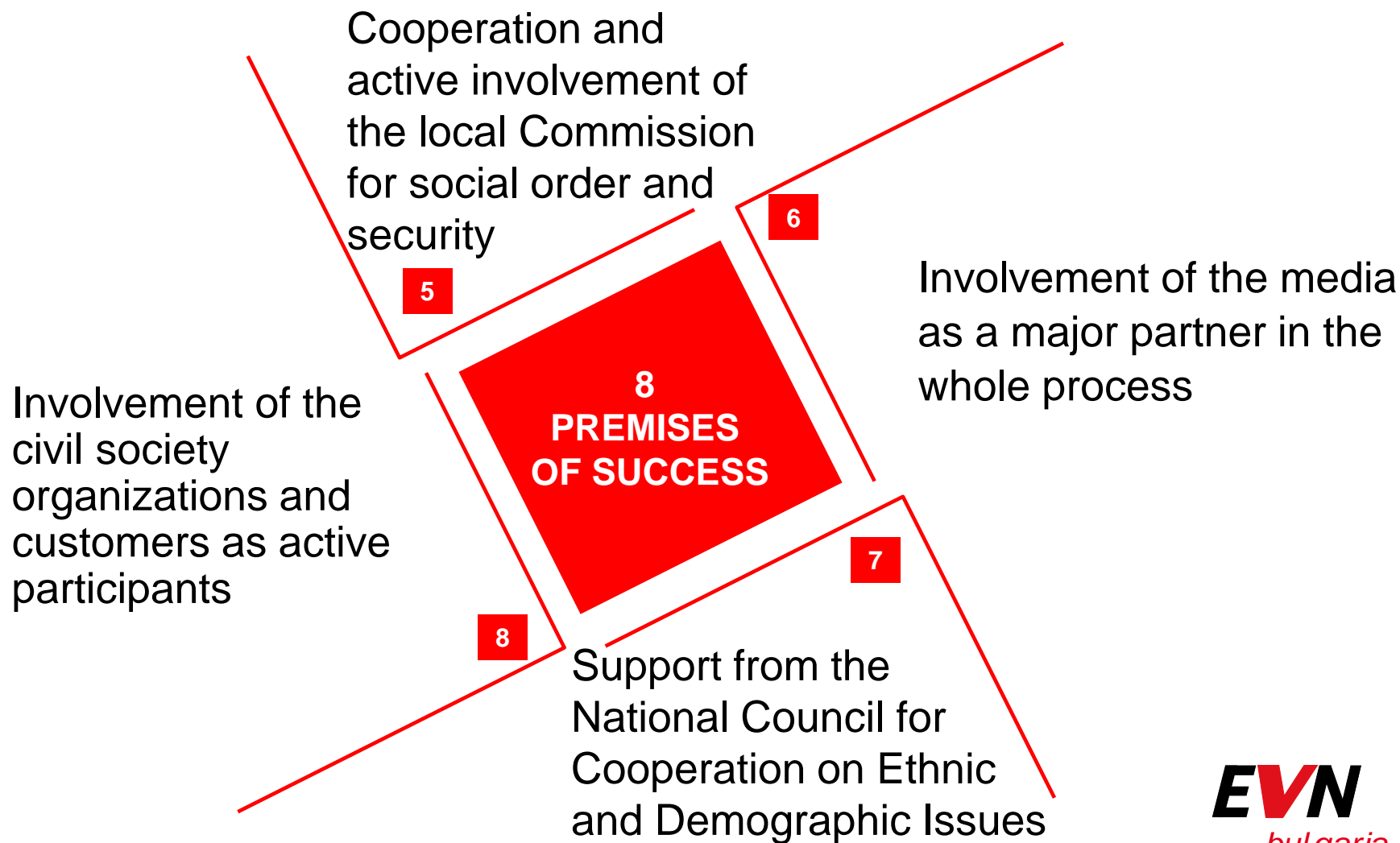
- Investment of 3 Mio leva for:
  - Increasing the security of the supplies **by investments in the grid and the transformer stations**
  - Correct individual meter-reading **by installing distant reading and managing electrometers**
- Creating of conditions for intolerance towards theft of electricity - **protection of the facilities**
- Offering a flexible handling of the old debt
- Equal treating of customers in similar situations

# Support Of All Parties Required



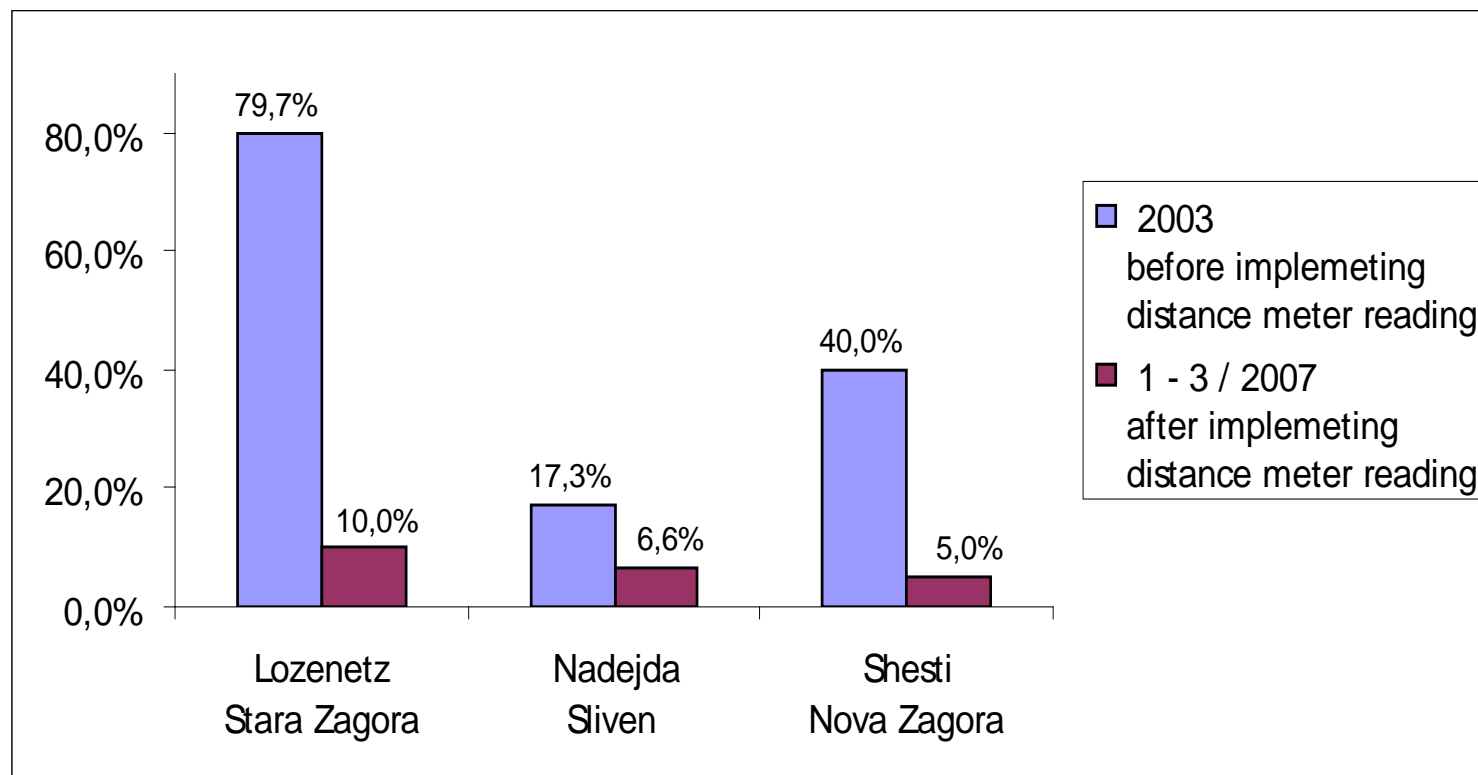


# Support Of All Parties Required



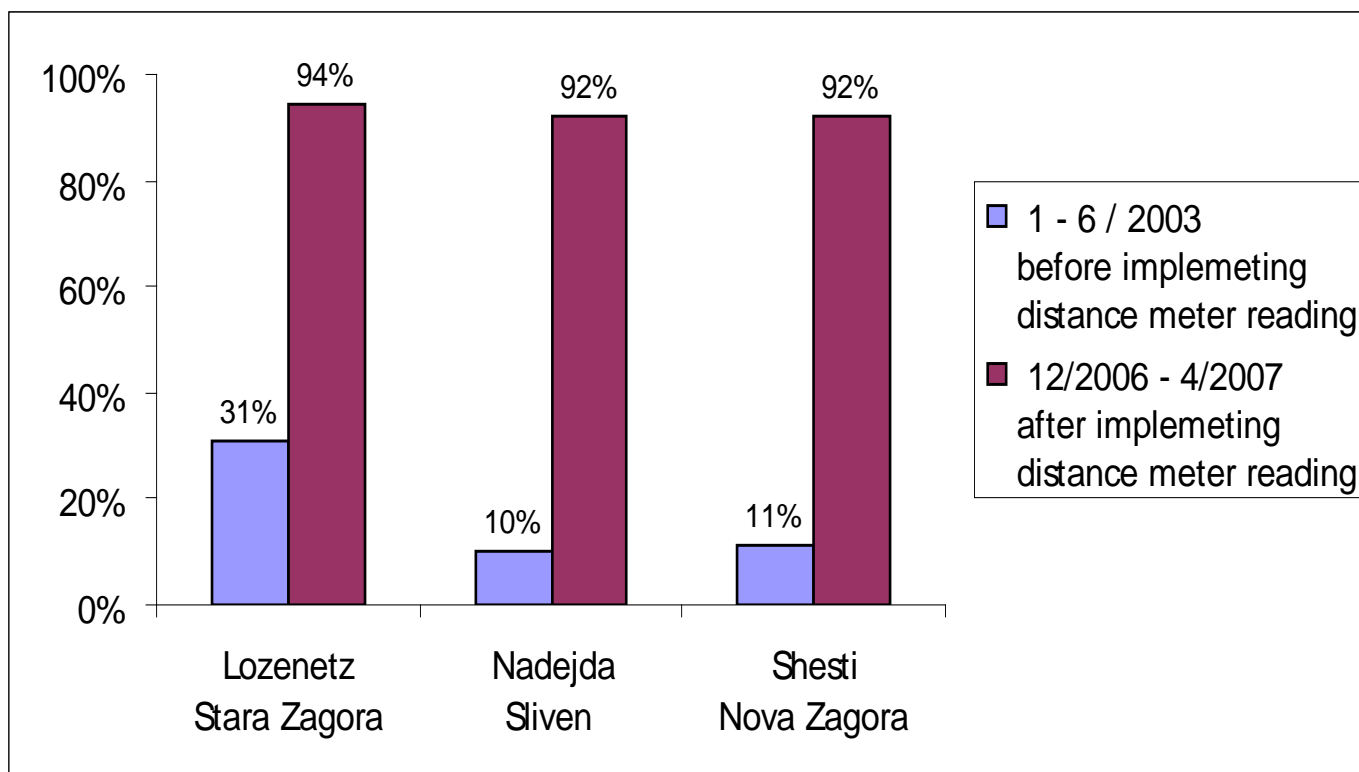
# Smaller Similar Projects

## DECREASE OF TECHNOLOGICAL COSTS



# Smaller Similar Projects

## INCREASE OF THE COLLECTIVE RATE



# Conclusions

EVN	Homework done Could start in the next weeks
CITY	Round table Utilities, institutions customers, NGOs take responsibility
STATE	Legal changes Permanent solution for more than 1/3 <sup>rd</sup> of the existing buildings
EU	Support Best practices Funding



**„Always here, always with you”**

**Thank you for the attention**