



REAL CORP 2018

EXPANDING CITIES – DIMINISHING SPACE

Revival of the Countryside

Friday, 6th April 2018

Vienna, Austria

RURAL REVIVAL FINANCING IN SERBIA: KIKINDA MUNICIPALITY CASE STUDY

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1. INTRODUCTION



DESOLATION PROBLEM

- MIGRATION: from villages towards towns
- VILLAGES: abandoned and devastated
- PREVENTION: financial support
- RESOURCES: municipal & local
- BENEFIT: young people stay in the villages
- GOAL: sustainable growth of countryside
- SERBIA: balanced development

THIS PAPER OBJECTIVE

- DETERMINE:
financial resource for rural revival (FRFRR)
- CASE STUDY:
 - Kikinda – town and municipality in Banat
 - Mokrin – prosperous village near Kikinda
- EVALUATE:
municipal budget increase as possible FRFRR

2. SERBIA



DATA ON SERBIA

- Landlocked country in the Balkan
- Population over 7 millions inhabitants
- Borders 8 countries
- Well connected by the Danube and motorways
- Member of the United Nations
- Upper-middle income economy
- Developed agriculture, industry and services

RURAL SERBIA

- Favorable land and climate
- Fertile Pannonian Plain in Vojvodina
- Large rural potential
- Diverse agricultural production:
 crop field (70%) & cattle (30%)
- World second largest producer of:
 raspberries & plums

URBANIZATION OF SERBIA

- Before the Second World War:
 - over 80% of the population lived in villages
- After the Second World War:
 - rapid urbanization
 - increase of urban settlements
 - decrease of countryside inhabitants

URBAN SETTLEMENTS IN SERBIA

Inhabitants living in urban settlements

Year	1953	1961	1971	1981	1991	2002	2011
Urban Inhabitants [%]	22.5	29.8	40.6	46.6	51.2	56.4	59.4

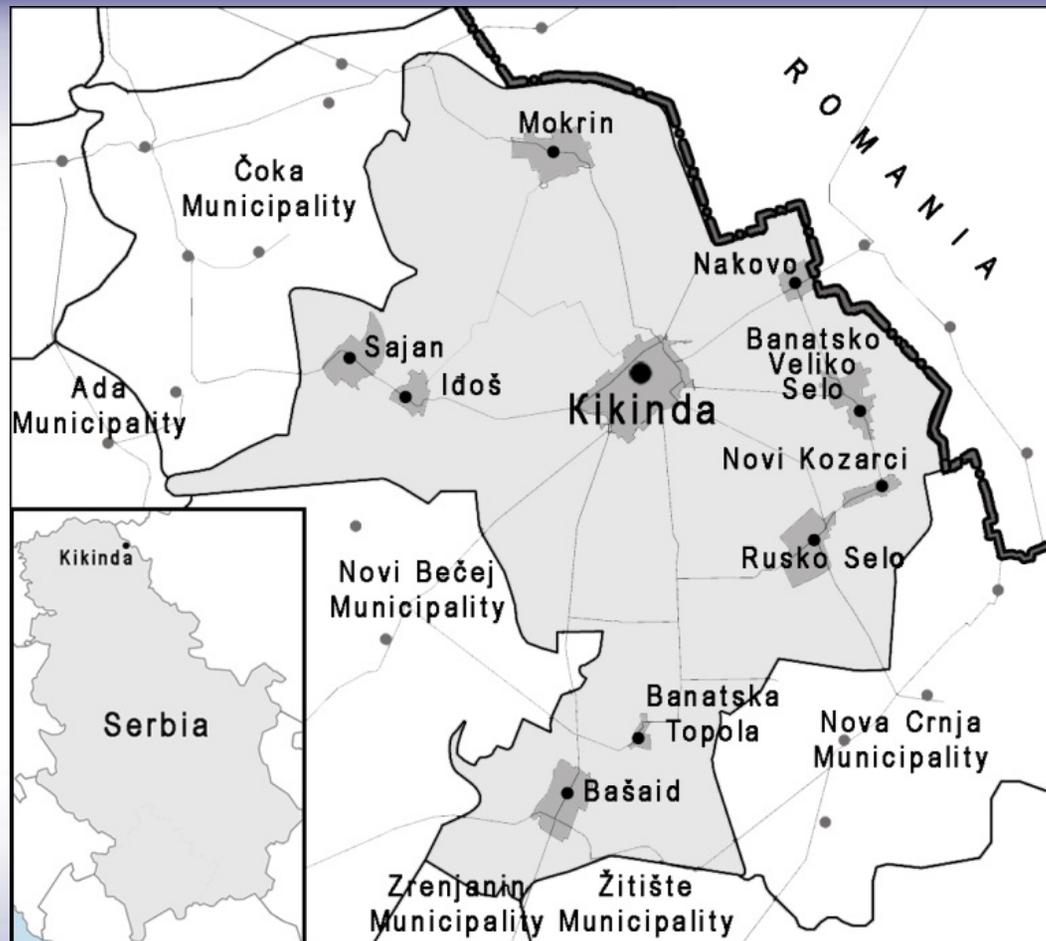
Settlements with less than 100 inhabitants

Year	1961	1971	1981	1991	2002
Number of settlements	80	140	280	487	713

3. KIKINDA



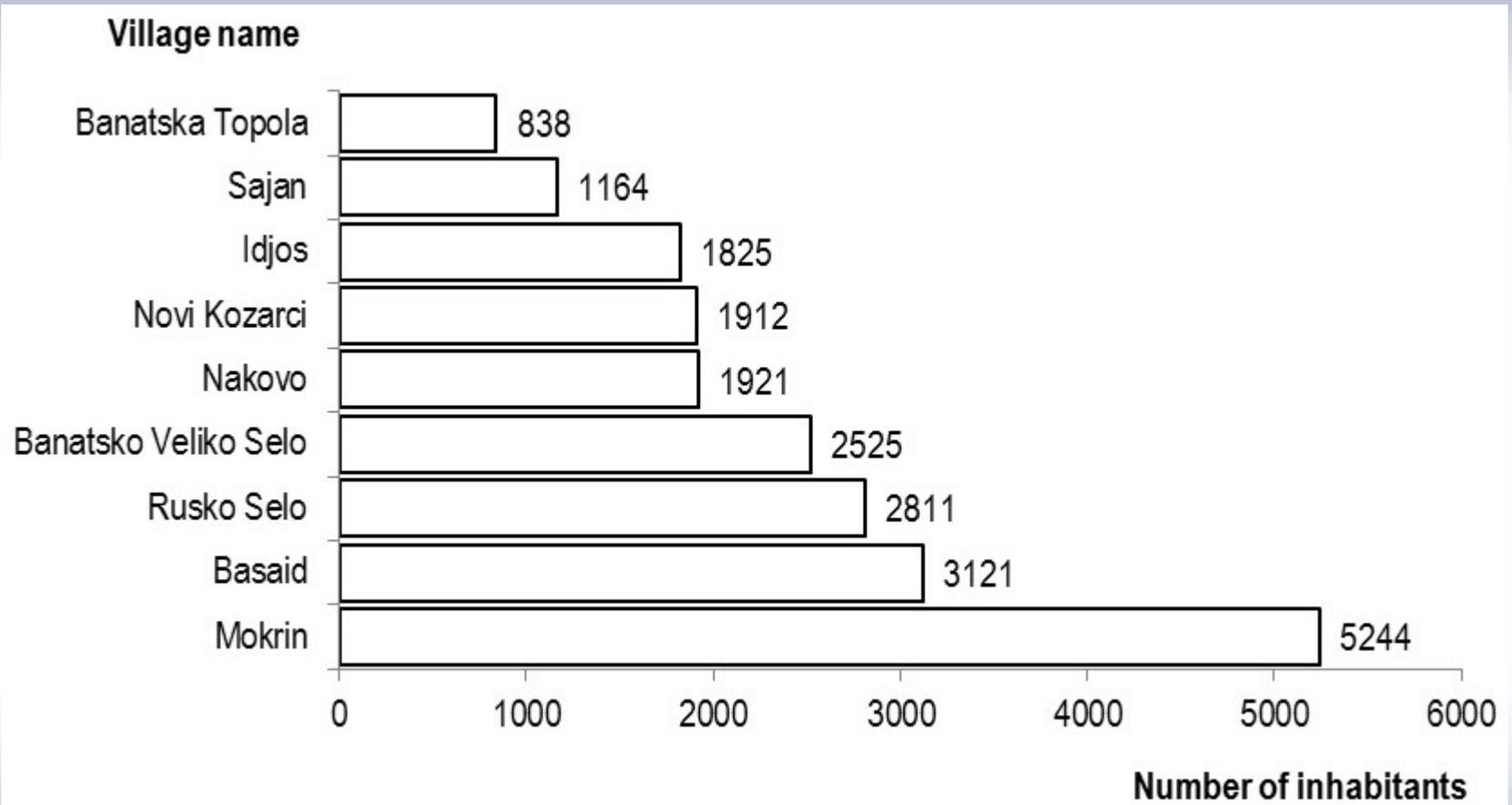
MUNICIPALITY OF KIKINDA



KIKINDA MUNICIPALITY DATA

Total area	783 [km²]
Agricultural area (2013)	70 538 [ha]
Population (2011)	59 453
Number of population per 1 km² (2011)	76
Population average age (2011)	42.4
Natural increase per 1.000 inhabitants (2014)	- 6.8
Number of employees (2014)	13 679
Number of employees in agriculture (2011)	9 181

VILLAGES INHABITANTS



VILLAGE POPULATION CHANGE

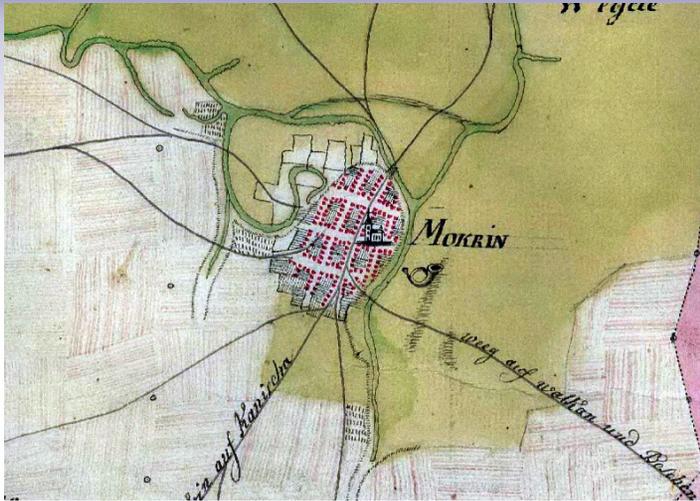
Years	1953-1960	1961-1970	1971-1980	1981-1990	1991-2001	2002-2011
VILLAGE	[%]					
Banatsko Veliko Selo	+0.10	-1.78	-0.78	-0.61	-0.29	-2.08
Banatska Topola	+0.86	+5.31	-2.24	-1.36	-1.11	-3.01
Basaid	-0.11	-1.06	-1.08	-0.32	-0.60	-1.27
Idjoš	-0.87	-1.17	-0.83	-0.33	-0.36	-1.94
Mokrin	-0.06	-0.78	-1.09	-0.41	-0.57	-1.28
Nakovo	-0.53	-1.74	-0.84	-0.31	-0.39	-2.55
Novi Kozarci	+0.12	-1.77	-1.39	-0.70	-0.80	-2.03
Rusko Selo	-0.58	-0.78	-0.46	-0.41	-0.48	-1.85
Šajan	-0.51	-1.62	-1.79	-0.62	-1.29	-1.56

Change of population in percent during time. People leave villages.

ABANDONED HOUSES IN VILLAGES



4. MOKRIN



Military Mokrin (1760)

Orient Express (1888)
had stop in Mokrin

South Eastern Railway - London-Chatam-Dover Railway
CHEMINS DE FER DU NORD & DE L'EST DE FRANCE

LONDRES · PARIS · CONSTANTINOPE

Depart tous les Jours
De LONDRES à DE PARIS pour VIENNE
Les Mercredis
Pour CONSTANTINOPE
Le Jeudi & le Dimanche
Pour BUKAREST

SERVICE RAPIDE
Sans Changement de Voitures
SANS PASSEPORT
ENTRÉE

FAST TRAVELLING
Without any Change of Carriages
WITHOUT PASSPORT
BETWEEN

The Trains are Starting
From LONDON & PARIS Every Day for VIENNA
Only on Wednesday
For CONSTANTINOPE
On Thursdays & Sundays
For BUKAREST

ORIENT EXPRESS

ENTRE & BETWEEN
PARIS & BUKAREST

PARIS · MUNICH · VIENNE · BUDAPEST · BELGRADE · CONSTANTINOPE

LONDRES - PARIS - VIENNE	
LONDRES	à 10 h 00
PARIS	à 11 h 00
VIENNE	à 12 h 00

PARIS - CONSTANTINOPE	
PARIS	à 10 h 00
VIENNE	à 11 h 00
BUDAPEST	à 12 h 00
BELGRADE	à 13 h 00
CONSTANTINOPE	à 14 h 00

PARIS - BUKAREST	
PARIS	à 10 h 00
VIENNE	à 11 h 00
BUDAPEST	à 12 h 00
BUKAREST	à 13 h 00

PARIS - BUKAREST
Jours de Départ : PARIS à 10 h 00, BUKAREST à 13 h 00
Jours d'Arrivée : BUKAREST à 10 h 00, PARIS à 13 h 00

MOKRIN VILLAGE



Large and prosperous Mokrino in Kikinda Municipality.

MOKRIN HERITAGE



Serbian Church (1898)



Salash (1930) :
solitary farm with
buildings, livestock, tools

MOKRIN HOUSE: "TERRA PANONICA"



Cultural &
tourist
complex.

Space for
work & stay.

Modern
urban &
rural spot

MOKRIN ETHNO HOUSE: “SHADOOF”



Rural house
built in 1925.

Shadoof for
raising water
in the garden.

Facilities for
cultural &
tourist
activities.

GEESE FIGHT



Geese Fight
tournament.

Famous
worldwide &
registered by
UNESCO.

EASTER EGGS STRIKING



Easter Eggs Striking tournament.

Annual competition on Easter Sunday by the Julian Calendar.

INCOME IN MOKRIN

INCOME IN MOKRIN			
AGRICULTURAL	[%]	NON-AGRICULTURAL	[%]
Sale of fodder products	50	Pension for employment work	45
Sale of milk	30	Pension for agriculture work	15
Sale of fattened cattle	10	Salary for current work	30
Sale of fattened pigs	10	Social assistance	10
TOTAL	100	TOTAL	100

LIVING STANDARD IN MOKRIN

LIVING STANDARD IN MOKRIN			
ABOVE AVERAGE HOUSEHOLD 20 %	<ul style="list-style-type: none"> - Salary or pension - Tractor (2 pieces) - Most of farm machinery - Cattle over 20 head - Arable land over 10 ha - Seasonal workers 	AVERAGE HOUSEHOLD 40 %	<ul style="list-style-type: none"> - Salary or pension - Tractor - Some of farm machinery - Cattle up to 20 head - Arable land up to 10 ha - Seasonal workers
OLD-AGE HOUSEHOLD 30 %	<ul style="list-style-type: none"> - Pension - Cattle up to 5 head - Arable land renting - Workers shortage 	SINGLE HOUSEHOLD 10 %	<ul style="list-style-type: none"> - Pension - Cattle 1 or 2 head - Arable land renting - Workers shortage

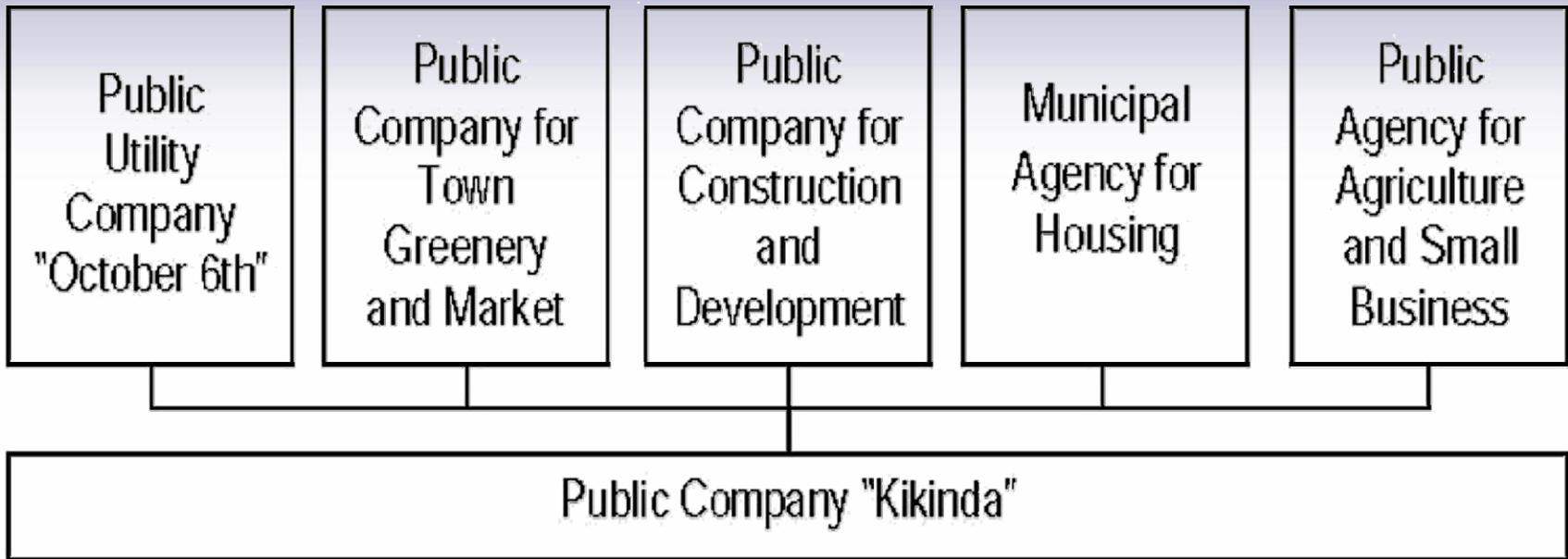
OPPORTUNITIES IN MOKRIN

- > Wealthy nature.
- > Household manufacturing.
- > Agricultural tradition.
- > Various handicrafts.
- > Ethno-tourism facilities.
- > Exquisite Mokrin products:
 - rolled leaf cheese
 - quince brandy
 - goat milk soap
- > Two annual tournaments.

5. RURAL REVIVAL MUNICIPAL FINANCING



COMMUNAL MERGING (2015)

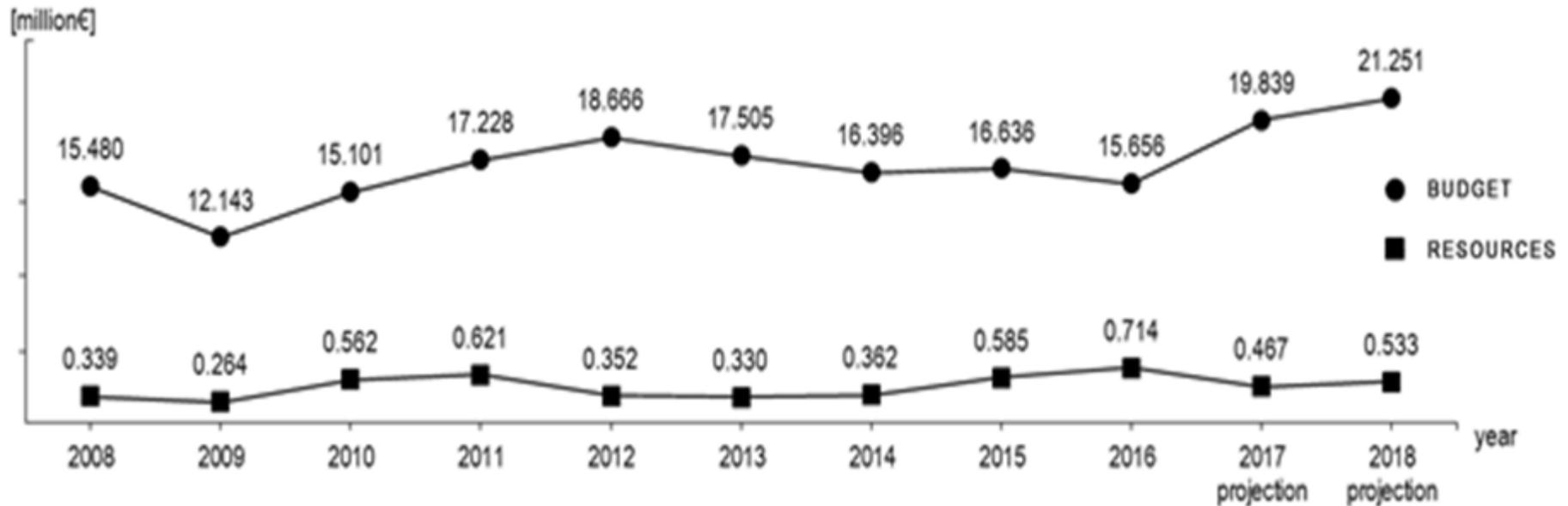


5 Public Companies (5PC) are merged into
Public Company Kikinda (PCK)

MERGING ECONOMIC ECHO

OUTFLOW	BEFORE MERGING Five companies (5PC) 2014 (state)		AFTER MERGING PC Kikinda (PCK) 2016 (state)		DIFFERENCE (5PC-PCK)
	Cash [million €]	Share [%]	Cash [million €]	Share [%]	Cash [million €]
Operating activities	5.410	73	2.745	83	2.665
Investing activities	1.838	25	396	12	1.442
Financial activities	162	2	180	5	-18
TOTAL	7.410	100	3.321	100	4.089

RURAL REVIVAL MUNICIPAL FINANCING



Year		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017*	2018*
Share in budget	[%]	2	2	4	4	2	2	2	4	5	2	3

KIKINDA MUNICIPALITY INVESTMENT PLAN

#	PROJECT	PERIOD	VALUE
		[year]	[million €]
1	Roads in municipality – maintenance	2018-2020	1.288
2	Pedestrian trails in villages – maintenance	2018	0.145
3	Mokrin – technical design preparing	2017-2020	0.165
4	Mokrin and Idjoš – investment in building	2016-2019	0.037
5	Rural development – subsidies	2018	0.164
6	Agricultural policy – grants	2018	0.745
		TOTAL	2.544

6. CONCLUSIONS



MUNICIPAL & LOCAL SYNERGY

- Recognition: rural revival importance
- Funding: agriculture sustainable growth
- Making: financial resources
- Synergy: municipal and local authorities
- Villages: own resources obtainment
- Objective: rural life better quality
- Mokrin: instructive and encouraging example

7. REFERENCES



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THANK YOU FOR ATTENTION

