

**"RATIONAL USE OF WATER AND  
REGULATION"  
experiences in MONTENEGRO"**



MONTENEGRO

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MINISTRY OF SUSTAINABLE DEVELOPMENT  
AND TOURISM

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# overview of water supply in Montenegro

## GENERAL INFORMATION

Population	625 266
Population/Urban area	401 462
municipalities	23
the number of enterprises for water supply	5 with other utility services 16 only for water supply

## SPECIFIC DATA

part of the urban water supply coverage	99 %
number of users of water supply from households	216 100
number of users of water supply legal entities	23 900

# overview of water supply in Montenegro

water quantity forwarded/2013	108 508 423 m <sup>3</sup>
The amount of billed water	Households: 31 450 874 m <sup>3</sup>
	legal entities: 8 654 489 m <sup>3</sup>
losses in the network	63 %

# HYGIENIC DRINKING WATER

PHYSICAL CHEMICAL ANALYSIS	MICROBIOLOGICAL ANALYSIS
11,2 %	9,98 %
NOT GOOD	NOT GOOD

# Analysis of the state of the collection and treatment of waste water in the municipalities in Montenegro

- 67 % in urban areas connected to the sewage network
  - 20% of waste water is purified
  - WWTP (Budva, Podgorica, Zabljak, Mojkovac)
- Target (2029):
- 271/91/EEC
  - all agglomerations connected to WWTP
  - 90 % connected to sewage network

# Characteristics of water utilities

- The responsibility of the local governments to regulate and ensure performing of the municipal activities in its territory (Established by local governments)
- The work of utility companies is financed mainly from the price of communal services
- In companies engaged in water supply and waste water management in Montenegro on average 1,000 customers coming 8.32 workers
- In Montenegro, there is a significant disparity between the prices of utility services for legal entities and individuals , particularly in the area of water supply and wastewater management
- there is monopoly

OPŠTINA	CIJENA VODE SA PDV (€)				CIJENA ODVOĐENJA OTPADNIH VODA SA PDV (€)				UKUPNA CIJENA VODE I KANALIZACIJE				NAPLATA (%)		
	Fizička lica		Pravna lica		Fizička lica		Pravna lica		Fizička lica		Pravna lica		2013		2012
	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	2013	2012	dom	prav	
Crnogorsko primorje															
H. Novi	0.91	0.91	1.86	86 <sup>1</sup>	0.14	0.14	0.30	30 <sup>0</sup>	05 <sup>1</sup>	05 <sup>1</sup>	16 <sup>2</sup>	16 <sup>2</sup>	98	91	
Bar	0.80	0.86	1.50 /1,15	61 <sup>1</sup>	0.24	0.26	0.45 /0,35	48 <sup>0</sup>	04 <sup>1</sup>	12 <sup>1</sup>	95 <sup>1</sup>	09 <sup>2</sup>	75	99	84.0
Kotor	1.1	1.1	2.2	2 <sup>2</sup>	0.52	0.52	0.52	52 <sup>0</sup>	62 <sup>1</sup>	62 <sup>1</sup>	72 <sup>2</sup>	72 <sup>2</sup>	102	100	96.0
Budva	0.9	0.9	1.8	8 <sup>1</sup>	0.22	0.22	0.44	44 <sup>0</sup>	12 <sup>1</sup>	12 <sup>1</sup>	24 <sup>2</sup>	24 <sup>2</sup>	90	95	98.0
Tivat	0.86	0.86	1.93	93 <sup>1</sup>	0.26	0.26	0.58	58 <sup>0</sup>	12 <sup>1</sup>	12 <sup>1</sup>	51 <sup>2</sup>	51 <sup>2</sup>	96,73	100, 91	73.0
Ulcinj	0,67 /0,77	0.5	1,75	52 <sup>1</sup>	0,22 /0,26	1.17	0,78	66 <sup>0</sup>	89 <sup>0</sup>	67 <sup>0</sup>	53 <sup>2</sup>	18 <sup>2</sup>	75	98	74.0
Centralni i sjeverni region															
Cetinje	0.6	0.6	2.44	44 <sup>2</sup>	0.18	0.18	0.73	73 <sup>0</sup>	78 <sup>0</sup>	78 <sup>0</sup>	17 <sup>3</sup>	17 <sup>3</sup>	57		52.0
Andrijevica	0.14	0.14	0.41	41 <sup>0</sup>	0.04	0.04	0.16	16 <sup>0</sup>	18 <sup>0</sup>	18 <sup>0</sup>	57 <sup>0</sup>	57 <sup>0</sup>	75	5 <sup>7</sup>	75.0
Berane	0.23	0.23	0.92	92 <sup>0</sup>	0.12	0.12	0.46	46 <sup>0</sup>	35 <sup>0</sup>	35 <sup>0</sup>	38 <sup>1</sup>	38 <sup>1</sup>	74,48	00 <sup>1</sup>	77.0
Bijelo Polje	0.36	0.36	1.26	26 <sup>1</sup>	0.18	0.18	0.63	63 <sup>0</sup>	54 <sup>0</sup>	54 <sup>0</sup>	89 <sup>1</sup>	89 <sup>1</sup>	60	5 <sup>6</sup>	
Danilovgrad	0.51	0.51	1.07	07 <sup>1</sup>	0.46	0.46	0.64	64 <sup>0</sup>	97 <sup>0</sup>	97 <sup>0</sup>	71 <sup>1</sup>	71 <sup>1</sup>	77	7 <sup>9</sup>	75.0
Kolašin	0.52	0.52	1.57	57 <sup>1</sup>	0.26	0.26	0.79	79 <sup>0</sup>	79 <sup>0</sup>	79 <sup>0</sup>	36 <sup>2</sup>	36 <sup>2</sup>	52	9 <sup>7</sup>	62.0
Mojkovača	0.37	0.37	1.34	34 <sup>1</sup>	0.18	0.18	0.67	67 <sup>0</sup>	56 <sup>0</sup>	56 <sup>0</sup>	01 <sup>2</sup>	01 <sup>2</sup>	70	0 <sup>5</sup>	80.0
Nikšić	0.38	0.38	1.27	27 <sup>1</sup>	0.19	0.19	0.64	64 <sup>0</sup>	57 <sup>0</sup>	57 <sup>0</sup>	91 <sup>1</sup>	91 <sup>1</sup>	80	8 <sup>9</sup>	84.0
Plav	0.20	0.20	0.50	50 <sup>0</sup>	0.11	0.11	0.27	27 <sup>0</sup>	31 <sup>0</sup>	31 <sup>0</sup>	77 <sup>0</sup>	77 <sup>0</sup>	34	6 <sup>3</sup>	42.0
Pljevlja	0.34		1,22		0.14		0,52		48 <sup>0</sup>		74 <sup>1</sup>		93	1 <sup>9</sup>	92.0
Plužine	0.26	0.26	0.80	80 <sup>0</sup>	0.19	0.19	0.56	56 <sup>0</sup>	45 <sup>0</sup>	45 <sup>0</sup>	36 <sup>1</sup>	36 <sup>1</sup>	51	5 <sup>7</sup>	75.9
Podgorica	0.41	0.41	1.33	33 <sup>1</sup>	0.21	0.21	0.66	66 <sup>0</sup>	61 <sup>0</sup>	61 <sup>0</sup>	99 <sup>1</sup>	99 <sup>1</sup>	69	8 <sup>9</sup>	69.0
Rožaje	0.21	0.21	0.85	85 <sup>0</sup>	0.11	0.11	0.43	43 <sup>0</sup>	32 <sup>0</sup>	32 <sup>0</sup>	28 <sup>1</sup>	28 <sup>1</sup>	75	0 <sup>8</sup>	72.0
Šavnik	0.12	0.12	0.50	50 <sup>0</sup>	0.06	0.06	0.25	25 <sup>0</sup>	18 <sup>0</sup>	18 <sup>0</sup>	75 <sup>0</sup>	75 <sup>0</sup>	30	0 <sup>6</sup>	40.0
Žabljak	0.38	0.38	1.56	56 <sup>1</sup>	0.19	0.19	0.78	78 <sup>0</sup>	57 <sup>0</sup>	57 <sup>0</sup>	37 <sup>2</sup>	37 <sup>2</sup>	60	5 <sup>7</sup>	50.0



- The highest water price paid by residents of Kotor - 1.10 € / m<sup>3</sup>, for individuals or Cetinje - 2.44 € / m<sup>3</sup>, for legal entities
- In the municipality of Savnik water is supplied at the lowest price and it is 0.12 € / m<sup>3</sup> for natural persons, or in Andrijevica at € 0.41 / m<sup>3</sup> for legal entities.
- By virtue of providing water supply and wastewater disposal , water supply and sewerage companies in Montenegro revenue of € 35,272,078 , the average degree of collection service of 84.82 %
- high and low water prices

# VALID LEGAL ACT

- Water Act
- Law on communal activities
- The decisions at the local level

# INSTITUTIONS

- Ministry of Agriculture and Rural Development
  - Ministry of Sustainable Development and Tourism
  - Ministry of Health
- In accordance with the Law on Local Self-Government ( "Official Gazette of Montenegro" , no. 42/03 , 28/04 , 75/05 , 13/06 , 88/09 , 03/10 , 73/10 , 38/12 ),
  - units local government units govern and provide the performance and development of communal activities , maintenance of communal facilities and communal order . Law on Communal Activities ( " Official Gazette of RM " No. 12/95 ) ,
  - defines the conditions and manner of performing utility activities , which include the activity of water supply and wastewater management ,
  - municipalities have their laws further define the conditions and manner of providing water supply and wastewater management and perform these tasks entrusted to public enterprises that have been formed,
  - in 15 municipalities work of water supply and wastewater management firm may perform designed for the activity , while the other six municipalities ( Andrijevića , Žabljak, Mojkovac, Plužine and Šavnik ) companies performing

# NEED OF REFORM

- need a new law on communal activities
- the establishment of a regulatory body
- Agenda reform of communal services
- Implementation of national bench marking
- elimination of monopolies in the provision of services

THANK YOU FOR YOUR ATTENTION

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