

## BASIC BUILDING DATA

Type of the building	Office building
Address	Zarnikova 3, Ljubljana
Heated area	3123 m <sup>2</sup>
Building manager	MOL
Building owner	MOL
Number of stories	6
Year of construction	-
Year of renovation	1990



## Delivered energy and CO<sub>2</sub> emission

Class	Q [kWh/m <sup>2</sup> a]	Asset rating		Operational rating	
		CO <sub>2</sub> [kg/m <sup>2</sup> a]	CO <sub>2</sub> [kg/m <sup>2</sup> a]	Q [kWh/m <sup>2</sup> a]	Q [kWh/m <sup>2</sup> a]
	40	8	25		
	80	16	50		
	120	24	75		
	180	32	100		
	250	40	125	38	120
	350	48	150		
		56	175		
		64	200		
		72	225		
		80	250		
		88	275		
		96	300		
		104	350		
		112	375		
	120	400			
	128	425			

## CERTIFICATE INFORMATION

Issued by	EIE BUDI	Certificate number	2006 - 0100
Company	GI ZRMK	Date of validity	13.9.2006
Purpose of certificate	Renovation	Place of issue	Ljubljana

## BASIC BUILDING DATA

Type of the building	Office building
Address	Poljanska 28, Ljubljana
Heated area	2050 m <sup>2</sup>
Building manager	MOL
Building owner	MOL
Number of stories	4
Year of construction	1880
Year of renovation	1999



## Delivered energy and CO<sub>2</sub> emission

Class	Q [kWh/m <sup>2</sup> a]	Asset rating		Operational rating	
		CO <sub>2</sub> [kg/m <sup>2</sup> a]	CO <sub>2</sub> [kg/m <sup>2</sup> a]	Q [kWh/m <sup>2</sup> a]	Q [kWh/m <sup>2</sup> a]
A	40	8	8	25	
B	80	16	16	50	
C	120	24	24	75	
D	180	32	32	100	
E	250	40	40	125	
F	350	48	48	150	
G		56	56	175	
		64	64	200	
		72	72	225	
		80	80	250	
		88	88	275	
		96	96	300	
		104	104	350	
		112	112	375	
		120	120	400	
		128	128	425	

The chart shows energy consumption (Q) and CO<sub>2</sub> emissions for the building. The building's actual performance is indicated by a yellow arrow pointing to 174 kWh/m<sup>2</sup>a and 57 kg/m<sup>2</sup>a. The target performance is indicated by a blue arrow pointing to 140 kWh/m<sup>2</sup>a.

## CERTIFICATE INFORMATION

Issued by	EIE BUDI	Certificate number	2006 - 0101
Company	GI ZRMK	Date of validity	25.9.2006
Purpose of certificate	Renovation	Place of issue	Ljubljana

## BASIC BUILDING DATA

Type of the building	Office building
Address	Ambrožev trg 5&7, Ljubljana
Heated area	3298 m <sup>2</sup>
Building manager	MOL
Building owner	MOL
Number of stories	4
Year of construction	1826
Year of renovation	~1970



## Delivered energy and CO<sub>2</sub> emission

Class	Q [kWh/m <sup>2</sup> a]	Asset rating		Operational rating	
		CO <sub>2</sub> [kg/m <sup>2</sup> a]	Q [kWh/m <sup>2</sup> a]	CO <sub>2</sub> [kg/m <sup>2</sup> a]	Q [kWh/m <sup>2</sup> a]
A	40	8	25		
B	80	16	50		
C	120	24	75		
D	180	32	100		95
E	250	40	125		
		48	150		
		56	175		
		64	200	68	
		72	225		
F	350	80	250		
		88	275		
		96	300		
		104	350		
		112	375		
		120	400		
		128	425		

## CERTIFICATE INFORMATION

Issued by	EIE BUDI	Certificate number	2006 - 0102
Company	GI ZRMK	Date of validity	26.9.2006
Purpose of certificate	Renovation	Place of issue	Ljubljana

## BASIC BUILDING DATA

Type of the building	Public elementary school
Address	Cesta na Brdo 45, Kranj
Heated area	8926 m <sup>2</sup>
Building manager	Mestna občina Kranj
Building owner	Mestna občina Kranj
Number of stories	2
Year of construction	1967
Year of renovation	-



## Delivered energy and CO<sub>2</sub> emission

Class	Q [kWh/m <sup>2</sup> a]	Asset rating		Operational rating	
		CO <sub>2</sub> [kg/m <sup>2</sup> a]	Q [kWh/m <sup>2</sup> a]	CO <sub>2</sub> [kg/m <sup>2</sup> a]	Q [kWh/m <sup>2</sup> a]
A	40	8	25		
B	80	16	50		
C	120	24	75		
D	180	32	100		88
E	250	40	125	38	
F	350	48	150		
G		56	175		
		64	200		
		72	225		
		80	250		
		88	275		
		96	300		
		104	350		
		112	375		
		120	400		
		128	425		

## CERTIFICATE INFORMATION

Issued by	EIE BUDI	Certificate number	2006 - 0103
Company	GI ZRMK	Date of validity	22.11.2006
Purpose of certificate	Renovation	Place of issue	Ljubjana

## BASIC BUILDING DATA

Type of the building	Public elementary school
Address	Grajska cesta 1, Oplotnica
Heated area	3670 m <sup>2</sup>
Building manager	Občina Oplotnica
Building owner	Občina Oplotnica
Number of stories	3
Year of construction	1974
Year of renovation	-



## Delivered energy and CO<sub>2</sub> emission

Class	Q [kWh/m <sup>2</sup> a]	Asset rating		Operational rating	
		CO <sub>2</sub> [kg/m <sup>2</sup> a]		Q [kWh/m <sup>2</sup> a]	
A	40	8		25	
B	80	16		50	
C	120	24		75	
D	180	32		100	
		40	36	125	
E	250	48		150	163
		56		175	
F	350	64		200	
		72		225	
		80		250	
		88		275	
		96		300	
		104		350	
		112		375	
		120		400	
		128		425	

## CERTIFICATE INFORMATION

Issued by	EIE BUDI	Certificate number	2006 - 0104
Company	GI ZRMK	Date of validity	22.11.2006
Purpose of certificate	Renovation	Place of issue	Ljubjana

## BASIC BUILDING DATA

Type of the building	Public elementary school
Address	Prečna ulica 3, Pivka
Heated area	5086 m <sup>2</sup>
Building manager	Občina Pivka
Building owner	Občina Pivka
Number of stories	3
Year of construction	1961
Year of renovation	1987



## Delivered energy and CO<sub>2</sub> emission

Class	Q [kWh/m <sup>2</sup> a]	Asset rating		Operational rating	
		CO <sub>2</sub> [kg/m <sup>2</sup> a]	Q [kWh/m <sup>2</sup> a]	CO <sub>2</sub> [kg/m <sup>2</sup> a]	Q [kWh/m <sup>2</sup> a]
A	40	8	25		
B	80	16	50		
C	120	24	75		
D	180	32	100		
E	250	40	125		
F	350	48	150		
G		56	175		
		64	200	69	195
		72	225		
		80	250		
		88	275		
		96	300		
		104	350		
		112	375		
		120	400		
		128	425		

## CERTIFICATE INFORMATION

Issued by	EIE BUDI	Certificate number	2006 - 0105
Company	GI ZRMK	Date of validity	29.11.2006
Purpose of certificate	Renovation	Place of issue	Ljubjana



# ENERGY CERTIFICATE



## BASIC BUILDING DATA

Type of the building	Office building
Address	Proletarska 1, Ljubljana
Heated area	3326 m <sup>2</sup>
Building manager	Mestna občina Ljubljana
Building owner	Mestna občina Ljubljana
Number of stories	3
Year of construction	1950
Year of renovation	-



## Delivered energy and CO<sub>2</sub> emission

Class	Q [kWh/m <sup>2</sup> a]	Asset rating	Operational rating
		CO <sub>2</sub> [kg/m <sup>2</sup> a]	Q [kWh/m <sup>2</sup> a]
A		8	25
B		16	50
C		24	75
D	125	32	100
E		40	125
F		48	150
		56	175
		64	200
		72	225
		80	250
		88	275
		96	300
		104	350
		112	375
		120	400
		128	425

## CERTIFICATE INFORMATION

Issued by	EIE BUDI	Certificate number	2006 - 0106
Company	GI ZRMK	Date of validity	30.11.2006
Purpose of certificate	Renovation	Place of issue	Ljubljana



# ENERGY CERTIFICATE



## BASIC BUILDING DATA

Type of the building	Office building
Address	Resljeva 18, Ljubljana
Heated area	2268 m <sup>2</sup>
Building manager	Mestna občina Ljubljana
Building owner	Mestna občina Ljubljana
Number of stories	4
Year of construction	1950
Year of renovation	2001



## Delivered energy and CO<sub>2</sub> emission

Class	Q [kWh/m <sup>2</sup> a]	Asset rating	Operational rating
		CO <sub>2</sub> [kg/m <sup>2</sup> a]	Q [kWh/m <sup>2</sup> a]
A	40	8	25
		16	50
B	80	24	75
		32	100
C	120	40	125
		48	150
D	180	56	175
		64	200
E	250	72	225
		80	250
F	350	88	275
		96	300
G		104	350
		112	375
		120	400
		128	425

The chart shows energy classes A through G with corresponding Q values. The actual delivered energy is 223 kWh/m<sup>2</sup>a, which falls between class E (180-250) and class F (250-350). The CO<sub>2</sub> emission is 73 kg/m<sup>2</sup>a, which falls between 72 and 80 kg/m<sup>2</sup>a. The operational rating is 89 kWh/m<sup>2</sup>a, which falls between 75 and 100 kWh/m<sup>2</sup>a.

## CERTIFICATE INFORMATION

Issued by	EIE BUDI	Certificate number	2006 - 0107
Company	GI ZRMK	Date of validity	1.12.2006
Purpose of certificate	Renovation	Place of issue	Ljubljana



## BASIC BUILDING DATA

Type of the building	Kindergarten Pivka
Address	Pot na Orlek 1, Pivka
Heated area	860 m <sup>2</sup>
Building manager	Občina Pivka
Building owner	Občina Pivka
Number of stories	3
Year of construction	1999
Year of renovation	



## Delivered energy and CO<sub>2</sub> emission

Class	Q [kWh/m <sup>2</sup> a]	Asset rating	Operational rating
		CO <sub>2</sub> [kg/m <sup>2</sup> a]	Q [kWh/m <sup>2</sup> a]
A	40	8	25
B	80	16	50
C	120	24	75
D	180	32	100
E	250	40	125
F	350	48	150
G		56	175
		64	200
		72	225
		80	250
		88	275
		96	300
		104	350
		112	375
		120	400
		128	425

The chart shows energy consumption (Q) and CO<sub>2</sub> emissions for various classes. The building's performance is indicated by a red arrow pointing to class G with a value of 371 kWh/m<sup>2</sup>a. A blue arrow points to the 84 kg/m<sup>2</sup>a CO<sub>2</sub> emission level, which corresponds to class F. Another blue arrow points to the 195 kWh/m<sup>2</sup>a operational rating level, which is between class E and F.

## CERTIFICATE INFORMATION

Issued by	EIE BUDI	Certificate number	2006 - 0108
Company	GI ZRMK	Date of validity	12.12.2006
Purpose of certificate	Renovation	Place of issue	Ljubljana



# ENERGY CERTIFICATE



## BASIC BUILDING DATA

Type of the building	Office building
Address	Dalmatinova 1, Ljubljana
Heated area	3820 m <sup>2</sup>
Building manager	Mestna občina Ljubljana
Building owner	Mestna občina Ljubljana
Number of stories	4
Year of construction	1896
Year of renovation	-



## Delivered energy and CO<sub>2</sub> emission

Class	Q [kWh/m <sup>2</sup> a]	Asset rating	Operational rating
		CO <sub>2</sub> [kg/m <sup>2</sup> a]	Q [kWh/m <sup>2</sup> a]
A	40	8	25
		16	50
B	80	24	75
		32	100
C	120	40	125
		48	150
D	180	56	175
		64	200
E	250	72	225
		80	250
F	350	88	275
		96	300
G		104	350
		112	375
		120	400
		128	425

The chart shows energy classes A through G with corresponding CO<sub>2</sub> and Q values. The building's performance is indicated by a blue arrow pointing to 93 kWh/m<sup>2</sup>a (Operational rating) and 59 kg/m<sup>2</sup>a (Asset rating). A yellow arrow points to 181 kWh/m<sup>2</sup>a (Delivered energy).

## CERTIFICATE INFORMATION

Issued by	EIE BUDI	Certificate number	2006 - 0109
Company	GI ZRMK	Date of validity	21.12.2006
Purpose of certificate	Renovation	Place of issue	Ljubljana

## BASIC BUILDING DATA

Type of the building	Office building
Address	Slovenski trg 1, Kranj
Heated area	7400 m <sup>2</sup>
Building manager	Mestna občina Kranj
Building owner	Mestna občina Kranj
Number of stories	4
Year of construction	1943
Year of renovation	1970



## Delivered energy and CO<sub>2</sub> emission

Class	Q [kWh/m <sup>2</sup> a]	Asset rating		Operational rating	
		CO <sub>2</sub> [kg/m <sup>2</sup> a]		Q [kWh/m <sup>2</sup> a]	
A	40	8		25	
B	80	16		50	
C	120	24		75	
D	180	32		100	
E	250	40		125	
F	350	48		150	134
		56		175	
		64		200	
		72		225	
		80		250	
		88		275	
		96		300	
		104		350	
		112	115	375	
		120		400	
		128		425	

## CERTIFICATE INFORMATION

Issued by	EIE BUDI	Certificate number	2006 - 0110
Company	GI ZRMK	Date of validity	22.12.2006
Purpose of certificate	Renovation	Place of issue	Ljubljana