



Intelligent Energy  Europe

Evaluation of the energy questionnaires

Partner Profile

Partner Organisation:	
Short Name:	
Name of person in charge of action:	
Country:	
Region where the interviews were carried out:	

Statistical Data

a) Total number of facilities in the community (can be partly estimated).

Type of facility in the Community	Total number of facilities in the community	% of facilities in the community	% of questioned facilities of total number
Hotels			
Pensions			
Spas			
Baths			
Campgrounds			
Other facilities, please name:			

Question 1 of the questionnaire:

How many facilities use electricity, oil, natural gas, district heating?
How many facilities already use renewable energy sources?
What kind of renewable energy sources?

Please give total numbers and figures in percentages!

Questioned Facilities	Total number	Percentage
Facilities that use electricity for heating		
Facilities that use electricity for cooling		
Facilities that use electricity for lighting, kitchen equipment or else		
Facilities that use oil		
Facilities that use natural gas		
Facilities that use district heating		
Facilities that already use renewable energy sources		
Facilities that use wood biomass (woodchips/wood pellets)		
Facilities that use solar energy		
Facilities that use geothermal energy		
Facilities that use other sources of renewable energies		

How many of the questioned facilities use renewable electricity and what is the average percentage of used renewable electricity in the facilities?

How many facilities did answer this question (total number and percentage of answers)?

Range: Average: %

Question 2: (This question is essential to calculate the CO₂- emission of the tourism business in the community.)

How high is the energy consumption of the regional tourism business (without traffic)?

Please sum up the total annual operational energy supply of all questioned facilities:

MWh/a

Please sum up the total annual electricity supply of all questioned facilities:

MWh/a

Please sum up the total annual fuel supply of all questioned facilities (consider only oil and gas):

MWh/a

Please sum up the total annual district heating energy supply of all questioned facilities:

MWh/a

Please sum up the total supply of cooling energy of all questioned facilities:

MWh/a

Please estimate the total energy consumption of the entire regional tourism businesses!

Pleas use the following approach:

% of the tourism businesses in the community answered the questions.

These tourism businesses use **MWh/a** (see above).

The estimated energy consumption of the total tourism business is 100% **multiplied by** **MWh/a**
divided by %.

Question 3: Which are the main energy consumers?

Please fill in the total number (X) and percentage (%) of facilities that answered to that question.

	Number of businesses that answered to that question	Percentage of businesses that answered to that question		Number of businesses that answered to that question	Percentage of businesses that answered to that question		Number of businesses that answered to that question	Percentage of businesses that answered to that question		Number of businesses that answered to that question	Percentage of businesses that answered to that question		Number of businesses that answered to that question	Percentage of businesses that answered to that question
Heating energy space heating		< 10%			10-20 %			20-33 %			33-50 %			50-75 %
Heating energy hot water (body hygiene)		< 10%			10-20 %			20-33 %			33-50 %			50-75 %
Heating energy Wellness area: (bath, and other wellness pools)		< 10%			10-20 %			20-33 %			33-50 %			50-75 %
Cooling Energy		< 10%			10-20 %			20-33 %			33-50 %			50-75 %
Lighting		< 10%			10-20 %			20-33 %			33-50 %			50-75 %

Question 4: How is hot water generated?

Questioned Facilities	Total number	Percentage
Facilities that have a heating system		
Facilities that have a electrical boiler		
Facilities that use heat recovery		

Question 5: How many companies have an energy management?

Questioned Facilities	Total number	Percentage
Facilities that use a energy management system		
Facilities that have an energy expert		
Facilities that have an energy controlling/ energy cost management		

Question 6: Energy production (How much energy is produced in tourism business? / How much renewable energy is produced in tourism business?)

Sum up all numbers given in the questionnaires.

Total energy production:

MWh is produced with oil heating system per year on average by the questioned companies.

MWh is produced with natural gas heating systems per year on average by the questioned companies.

MWh is produced with biomass beating systems per year on average by the questioned companies.

MWh is produced with solar heating systems per year on average by the questioned companies.

MWh is produced with geothermal heating systems per year on average by the questioned companies.

MWh is produced with other heating systems per year on average by the questioned companies.

Cooling:

MWh is produced with solar cooling systems per year on average by the questioned companies.

MWh is produced with electrical cooling systems per year on average by the questioned companies.

MWh is produced with other cooling system per year on average by the questioned companies.

Production of electricity:

MWh of electricity is produced per year on average by the questioned companies.

% of all questioned companies use heat recovery systems.

Question 7: Use of RES in the future

% of all questioned companies are planning to use renewable energy systems for energy production within the next two years

Question 9: Please sum up the marks given in the questionnaires and calculate the percentages. Fill in the blank table.

	Carried out		planned	
	Total	Percentage	Total	Percentage
Heating and hot water				
Heat production				
Heat distribution				
Ventilation				
Air conditioning				
Lighting				
Thermal insulation of buildings				
Heat recovery				
Waste heat utilisation				
Information and communication technology				
Energy management, energy controlling				
Behaviour-related measures				
other				