

QUESTIONNAIRE SELF - ASSESSMENT ON THE ENERGY EFFICIENCY MEASURES IN THE COMPANIES

GENERAL INFORMATION

NACE SECTOR:

Accommodation and food sector (Nace code: I55 to I56.3.0)

Metalwork manufacturing (Nace Code: C24 to C25.9.9)

Agrifood manufacturing (Nace Code: C10 to C11.0.7)

COUNTRY:

REGION:

NAME AND CONTACT OF THE COMPILER:

CHARACTERISTICS OF THE COMPANY:

TOTAL REVENUE (€):

NUMBER OF EMPLOYEES:

- i. 1-50
- ii. 51-249
- iii. >250

1. What successful efficiency measures have you implemented in recent years that you think should be presented?

2. How much savings have you obtained from each of the above-mentioned measure? (please specify the unit)

3. How much does the investment cost for implementing each of the above mentioned measures?
-
4. How long is the payback time of the measures you have implemented?
-
5. Do you have an energy efficiency plan?
- a. no
 - b. yes
6. Have you ever done an energy audit or an energy check?
- a. no
 - b. yes
7. Were you advised on existing fundings?
- a. no
 - b. yes
8. Does the company have an internal 'energy office' or does it hire a consultant?
- a. Internal staff
 - b. External staff/consultant
9. Which energy carrier do you use in your company?
- a. Only natural gas
 - b. Only electricity
 - c. Both natural gas and electricity
 - d. Oil
 - e. Wood
 - f. Other
10. Does your policy include raising awareness on energy efficiency?
- a. no
 - b. yes
11. Have you ever used a tool for energy provider comparison?
- a. no
 - b. yes, please specify _____

SPECIFIC QUESTIONNAIRE FOR AGRIFOOD SECTOR

1. Have you replaced / upgraded any pumps in recent years for liquid circuits?
 - a. no
 - b. yes we replaced them
 - c. yes we upgraded them
2. Have you replaced fans in recent years for air circuits?
 - a. no
 - b. yes
3. Have you replaced lighting fixtures with LED technology in recent years to make the lighting more efficient?
 - a. no
 - b. yes
4. Have you redone your compressed air lines in recent years?
 - a. no
 - b. yes
5. Do you have a heat recovery system on the compressors?
 - a. no
 - b. yes
6. Have you already carried out an electrical peak reduction?
 - a. no
 - b. yes
7. Do you use inverter technology for machinery?
 - a. no
 - b. yes
8. Have you installed a cogeneration or trigeneration unit?
 - a. no
 - b. yes, cogenerative power
 - c. yes, trigenerative power

9. Do you have a ventilation system?
- a. no
 - b. yes
10. Do you have process cooling systems?
- a. no
 - b. yes
11. Do you have sterilisation systems?
- a. no
 - b. yes
12. Do you have industrial washing systems?
- a. no
 - b. yes
13. Do you have in-house ovens?
- a. no
 - b. yes
14. Have you installed solar thermal panels?
- a. no
 - b. yes
15. Have you replaced boilers?
- a. no
 - b. yes
16. Have you improved the efficiency of your spatial cooling (air conditioning) equipment?
- a. no
 - b. yes
17. Do you use heat recuperators for heat recovery within processes?
- a. no
 - b. yes
18. Have you installed photovoltaic panels?
- a. no
 - b. yes
19. Have you installed geothermal plant?
- a. no
 - b. yes

20. Do you purchase certified renewable electricity?

- a. no
- b. yes

21. Have you replaced company vehicles with electric vehicles/ plug-in hybrids?

- a. no
- b. yes

22. Do you use car sharing in your company?

- a. no
- b. yes

23. Do you have electric car charging points in your company?

- a. no
- b. yes

29. Do you have a centralised consumption control system (e.g. a Building Management System)

- a. No
- b. Yes

30. Do you use any energy management or remote consumption monitoring service?

- a. no
- b. yes

31. Have you implemented any other energy initiative that you would like to share?

32. Which are the next initiatives that you are going to implement in the sector of energy efficiency?

SPECIFIC QUESTIONNAIRE FOR METALWORK SECTOR

1. Have you replaced / upgraded any pumps in recent years for liquid circuits?

- a. no
- b. yes we replaced them
- c. yes we upgraded them

1. Have you replaced fans in recent years for air circuits?

- a. no
- b. yes

2. Have you replaced light fittings with new LED fittings in recent years to make lighting more efficient?

- a. no
- b. yes

3. Have you rebuilt your air lines in recent years?

- a. no
- b. yes

4. Do you have a heat recovery system on the compressors?

- a. no
- b. yes

5. Have you already carried out an electrical peak reduction?

- a. no
- b. yes

6. Do you use inverter technology for machinery?

- a. no
- b. yes

7. Have you installed a cogeneration or trigeneration unit?

- a. no
- b. yes, cogenerative power
- c. yes, trigenerative power

8. Do you have a ventilation system?
 - a. no
 - b. yes
9. Do you have process cooling systems?
 - a. no
 - b. yes
10. Do you have industrial washing systems?
 - a. no
 - b. yes
11. Do you have in-house ovens?
 - a. no
 - b. yes
12. Have you replaced boilers?
 - a. no
 - b. yes
13. Have you improved the efficiency of spatial cooling equipment (air conditioning machines)?
 - a. no
 - b. yes
14. Do you use heat recuperators for heat recovery within processes?
 - a. no
 - b. yes
15. Have you installed photovoltaic panels?
 - a. no
 - b. yes
16. Have you installed solar thermal panels?
 - a. no
 - b. yes
17. Have you installed geothermal plant?
 - a. no
 - b. yes
18. Do you purchase certified renewable electricity?
 - a. no
 - b. yes

19. Have you recently upgraded the forklifts in your company?

- a. no
- b. yes

20. Have you replaced company vehicles with electric vehicles / plug-in hybrid

- a. no
- b. yes

21. Do you use car sharing in your company?

- a. no
- b. yes

22. Do you have electric car charging points in your company?

- a. no
- b. yes

23. Do you have a centralised consumption control system (e.g. a Building Management System)?

- a. no
- b. yes

24. Do you use any energy management or remote consumption monitoring service?

- a. no
- b. yes

25. Have you implemented any energy initiatives that you would like to share?

26. Which are the next initiatives that you are going to implement in the sector of energy efficiency?

SPECIFIC QUESTIONNAIRE FOR ACCOMMODATION AND FOOD SECTOR

1. Have you replaced any pumps in recent years for liquid circuits?
 - a. no
 - b. yes
2. Have you replaced fans in recent years for air circuits?
 - a. no
 - b. yes
3. Have you replaced light fittings with LED technology fittings in recent years to make lighting more efficient?
 - a. no
 - b. yes
4. Have you installed a cogeneration or trigeneration unit?
 - a. no
 - b. yes, cogenerative power
 - c. yes, trigenerative power
5. Do you have a ventilation system?
 - a. no
 - b. yes
6. Do you have in-house kitchen?
 - a. no
 - b. yes
7. Do you have in-house swimming pools or wellness centres?
 - a. no
 - b. yes
8. Have you installed solar thermal panels?
 - a. no
 - b. yes

9. Have you replaced boilers?
- a. no
 - b. yes
10. Have you improved the efficiency of summer air conditioning machines?
- a. no
 - b. yes
11. Have you installed photovoltaic panels?
- a. no
 - b. yes
12. Do you purchase certified renewable electricity?
- a. no
 - b. yes
13. Do you have electric car charging points in your company?
- a. no
 - b. yes
14. Do you have a centralised consumption control system (e.g. a Building Management System)?
- a. no
 - b. yes
15. Do you have Room Management System?
- a. no
 - b. yes
16. Do you use any energy management or remote consumption monitoring service?
- a. no
 - b. yes
17. Have you implemented walls or roof insulation in your building?
- a. No
 - b. Yes
18. Have you installed double or triple glazing windows?
- a. No
 - b. Yes
19. Have you implemented any other energy initiatives that you would like to share?

20. Which are the next initiatives that you are going to implement in the sector of energy efficiency?
