



DEESME

National schemes for energy efficiency in SMEs

Investment analysis of the Multiple Benefits



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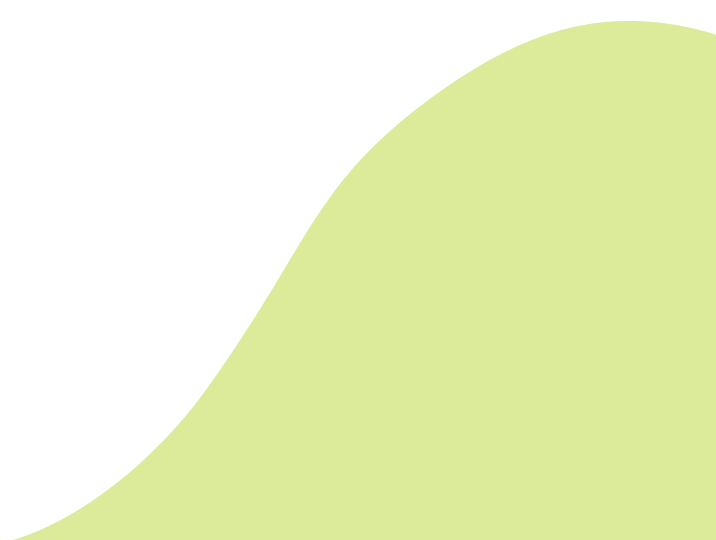
Investment analysis of the Multiple Benefits

The calculation tool developed in the framework of DEESME allows to analyze Energy efficiency investments including the associated Multiple Benefits (MBs).

Multiple Benefits are not usually included in investment evaluations, due to a general lack of data, methodology and skills.

This tool allows to give a good feedback to companies on the economic return of their energy efficiency investments and the associated MBs.

Some of the Multiple Benefits are relevant for company purposes like the calculation of the carbon footprint or other information needed to complete economic social and environmental sustainability assessments that are increasingly requested to comply with new EU regulations.



The Multiple Benefits of Energy Efficiency

Job creation

Asset Values

Consumer Surplus

Poverty Alleviation

Energy Savings

Energy Security

Industrial Productivity

Climate Change Mitigation

Energy Prices

Development Goals

Resource Management

Public Budgets

Macro Impacts

Energy Provider Benefits

Health & Social Benefits



Results from a Bulgarian company audited for the DEESME project



Net Present Value

-144.571 €

Results **without** Multiple Benefits

Results **with** Multiple Benefits

1.256.085 €



Internal Rate of Return

-15%

Results **without** Multiple Benefits

Results **with** Multiple Benefits

1%



Payback time

Results **without** Multiple Benefits

6 years

Results **with** Multiple Benefits

2 years



Results from a Bulgarian company audited for the DEESME project



Net Present Value

-59.692 €

Results **without** Multiple Benefits

Results **with** Multiple Benefits

1.099.459 €



Internal Rate of Return

Results **without** Multiple Benefits

0%

Results **with** Multiple Benefits

0.3%



Payback time

Results **without** Multiple Benefits

9 years

Results **with** Multiple Benefits

3 years



Results from a Bulgarian company audited for the DEESME project



Net Present Value

-327.88 €

Results **without** Multiple Benefits

Results **with** Multiple Benefits

2.265.503 €



Internal Rate of Return

-11%

Results **without** Multiple Benefits

Results **with** Multiple Benefits

1%



Payback time

Results **without** Multiple Benefits

> 10 years

Results **with** Multiple Benefits

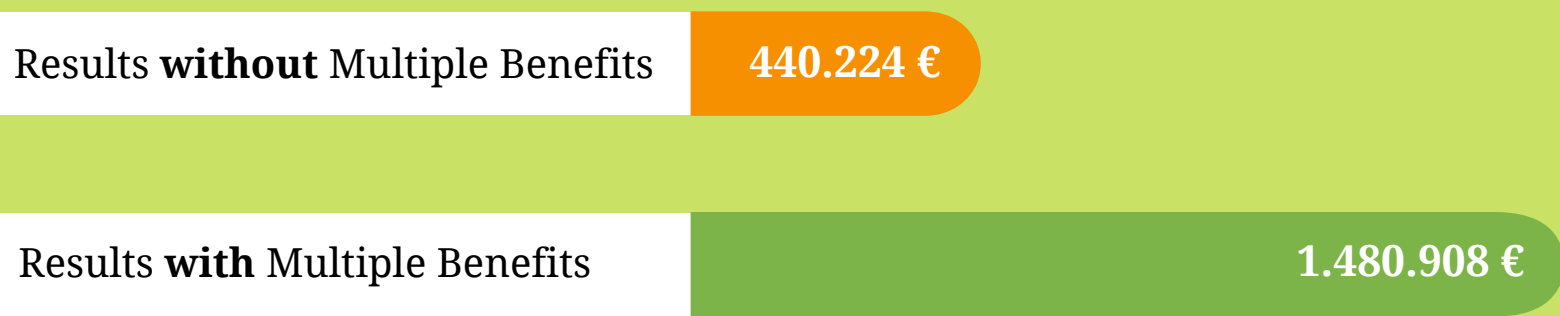
2 years



Results from an Italian company audited for the DEESME project



Net Present Value



Internal Rate of Return



Payback time





Results from an Italian company audited for the DEESME project



Net Present Value

Results **without** Multiple Benefits

20.494 €

Results **with** Multiple Benefits

334.460 €



Internal Rate of Return

Results **without** Multiple Benefits

9%

Results **with** Multiple Benefits

57%



Payback time

Results **without** Multiple Benefits

6 years

Results **with** Multiple Benefits

2 years

Multiple Benefits identified for SMEs during audits

Environmental benefits

Reduced energy consumption



Increased recycling

Reduced carbon footprint



Productivity and quality

Improved quality and maintenance



Increased utilisation

Improved product/service efficiency



Multiple Benefits identified for SMEs during audits

Employee and customer satisfaction

Acquisition of new customers



Increased employee and customer satisfaction

Improved stakeholder relationship



Innovation

Introduction of new products/ services



Development of innovations

Project partners



Discover DEESME 2050!



DEESME 2050 is a continuation of the DEESME project and develops energy efficiency projects in SMEs for European 2050 targets, in the furniture sector.



Follow the project on [LinkedIn](#), [Twitter](#) and find all the project's contents on our [website](#).

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