siteco

Economica calculation for indoor

Project:

Main project data

Project number:
Project name: Planner:
Building developer: Agent:
Road: Road:
ZIP: ZIP:
Location: Location:
Telephone: Telephone:
Fax: Fax:
E-Mail: E-Mail:

Main data for dynamic amortization calculation

Yearly rate of inflation: 0.0 %   Yearly rate of price   0.0 %
Interest rate: 0.0 %   increases of electricity tariff:

Main data for daylight effect

Location: 0

Room selection

siteco

Economica calculation for indoor

Project:

Investment costs

Comparison facility

Article nr.:
Article:

Number of luminaires:		0
Price / luminaire:	EUR	0.00
Amount lamps / luminaire:		0
Price / lamp:	EUR	0.00
Installation costs per luminaire:	EUR	0.00
Installation costs of light management system:	EUR	0.00
Investment costs:	**EUR**	**0**

New facility 1

Article nr.:
Article:

Number of luminaires:		0
Price / luminaire:	EUR	0.00
Amount lamps / luminaire:		0
Price / lamp:	EUR	0.00
Installation costs per luminaire:	EUR	0.00
Installation costs of light management system:	EUR	0.00
Investment costs:	**EUR**	**0**

New facility 2

Article nr.:
Article:

Number of luminaires:		0
Price / luminaire:	EUR	0.00
Amount lamps / luminaire:		0
Price / lamp:	EUR	0.00
Installation costs per luminaire:	EUR	0.00
Installation costs of light management system:	EUR	0.00
Investment costs:	**EUR**	**0**

siteco

Economica calculation for indoor

Project:

Operation costs without energy costs / year

Comparison facility

Amount lamps / luminaire:		0
Price / lamp:	EUR	0.00
Lamp change costs / luminaire:	EUR	0.00
Disposal costs / lamp:	EUR	0.00
Econom. service life / lamp:	h	0
Operation hours / year:	h	0
Maintenance costs / luminaire / year:	EUR	0.00
Expected service life of facility in years:		10

Total quantity lamps:		**0**
Operation costs without energy costs / year		
(static calculation):	**EUR**	**0**
(dynamic calculation):	**EUR**	**0**

New facility 1

Amount lamps / luminaire:		0
Price / lamp:	EUR	0.00
Lamp change costs / luminaire:	EUR	0.00
Disposal costs / lamp:	EUR	0.00
Econom. service life / lamp:	h	0
Operation hours / year:	h	0
Maintenance costs / luminaire / year:	EUR	0.00
Expected service life of facility in years:		10

Total quantity lamps:		**0**
Operation costs without energy costs / year		
(static calculation):	**EUR**	**0**
(dynamic calculation):	**EUR**	**0**

New facility 2

Amount lamps / luminaire:		0
Price / lamp:	EUR	0.00
Lamp change costs / luminaire:	EUR	0.00
Disposal costs / lamp:	EUR	0.00
Econom. service life / lamp:	h	0
Operation hours / year:	h	0
Maintenance costs / luminaire / year:	EUR	0.00
Expected service life of facility in years:		10

Total quantity lamps:		**0**
Operation costs without energy costs / year		
(static calculation):	**EUR**	**0**
(dynamic calculation):	**EUR**	**0**

siteco

Economica calculation for indoor

Project:

Energy costs / year

Comparison facility

Consider light management:			No
Lamp type:			0
Lamp wattage:		W	0
CG power loss:		W	0
Control gear:			0

Dimming of luminaires:

Operation:	%	100	0	0
Hours / year:	h	0	0	0
System power:	W	0	0	0

Electricity tariff / kWh:	EUR	0.000
CO_2 factor in kg/kWh:		0.6

Power input of facility:	**kW**	**0.00**
Energy consumption / year:	**kWh**	**0**
CO_2 emission of facility / year:	**t**	**0.00**
Energy costs / year:		
(static calculation):	**EUR**	**0**
(dynamic calculation):	**EUR**	**0**

New facility 1

Consider light management:			No
Lamp type:			0
Lamp wattage:		W	0
CG power loss:		W	0
Control gear:			0

Dimming of luminaires:

Operation:	%	100	0	0
Hours / year:	h	0	0	0
System power:	W	0	0	0

Electricity tariff / kWh:	EUR	0.000
CO_2 factor in kg/kWh:		0.6

Power input of facility:	**kW**	**0.00**
Energy consumption / year:	**kWh**	**0**
CO_2 emission of facility / year:	**t**	**0.00**
Energy costs / year:		
(static calculation):	**EUR**	**0**

New facility 2

Consider light management:			No
Lamp type:			0
Lamp wattage:		W	0
CG power loss:		W	0
Control gear:			0

Dimming of luminaires:

Operation:	%	100	0	0
Hours / year:	h	0	0	0
System power:	W	0	0	0

Electricity tariff / kWh:	EUR	0.000
CO_2 factor in kg/kWh:		0.6

Power input of facility:	**kW**	**0.00**
Energy consumption / year:	**kWh**	**0**
CO_2 emission of facility / year:	**t**	**0.00**
Energy costs / year		
(static calculation):	**EUR**	**0**

(dynamic calculation): EUR 0 **(dynamic calculation):** EUR 0

Economica calculation for indoor

Project:

Cost overview / year (static costs comparison)

		Comparison facility	New facility 1	New facility 2
Linear depreciation of facility	EUR	0.00	0.00	0.00
	%	0	0	0
Average operation costs without energy costs (static calculation)	EUR	0.00	0.00	0.00
	%	100	0	0
Average energy costs (static calculation)	EUR	0.00	0.00	0.00
	%	100	0	0
Total operation costs	EUR	0.00	0.00	0.00
	%	100	0	0
Total costs	**EUR**	**0.00**	**0.00**	**0.00**
	%	**100**	**0**	**0**
CO2 emissions	t	0.00	0.00	0.00
	%	100	0	0

Economica calculation for indoor

Project:

Dynamic comparison of operation costs / service life (C3)

		Comparison facility	New facility 1	New facility 2
Operation costs without energy costs	EUR	0.00	0.00	0.00
	%	100	0	0
Energy costs	EUR	0.00	0.00	0.00
	%	100	0	0
Total operation costs	EUR	0.00	0.00	0.00
	%	100	0	0
Complete savings	**EUR**		0.00	0.00
Rate of return	%		0.00	0.00

Dynamic comparison of total costs / service life (C4)

		Comparison facility	New facility 1	New facility 2
Operation costs without energy costs	EUR	0.00	0.00	0.00
	%	100	0	0
Energy costs	EUR	0.00	0.00	0.00
	%	100	0	0
Total operation costs	EUR	0.00	0.00	0.00
	%	100	0	0
Final rate of investment costs	EUR	0.00	0.00	0.00
	%	100	0	0
Complete savings	**EUR**		0.00	0.00
Rate of return	%		0.00	0.00

Economica calculation for indoor
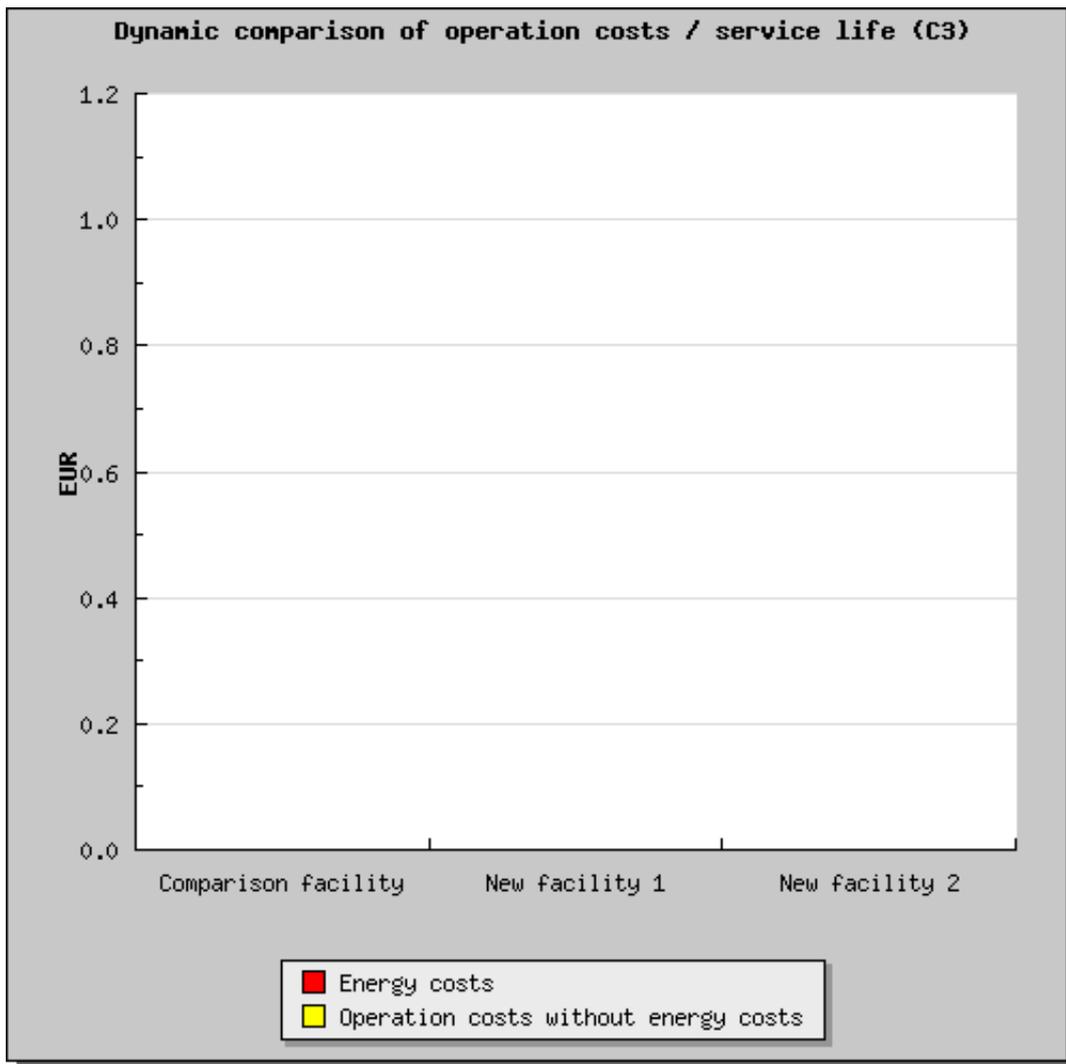
Project:

Cost overview / year (static costs comparison)

siteco
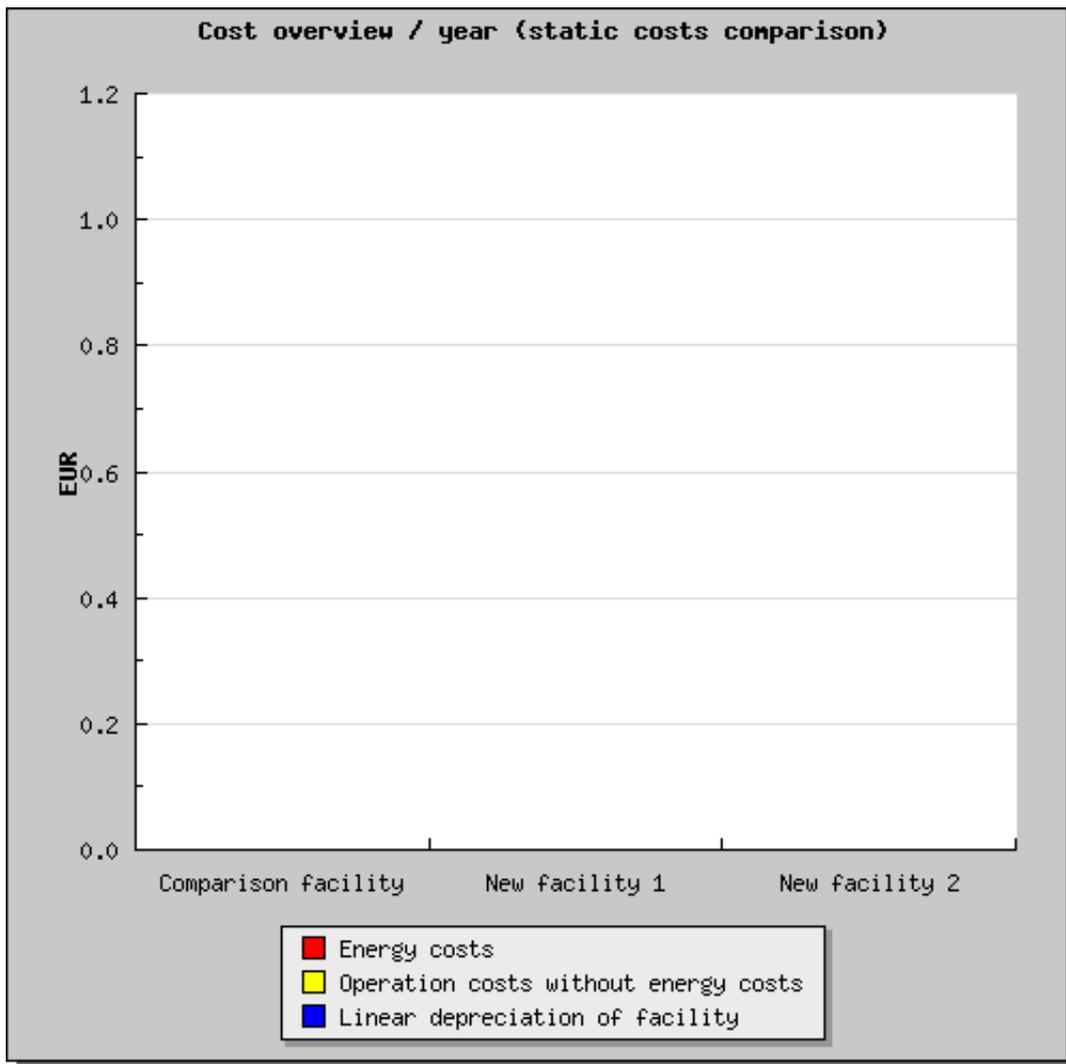
Economica calculation for indoor

Project:

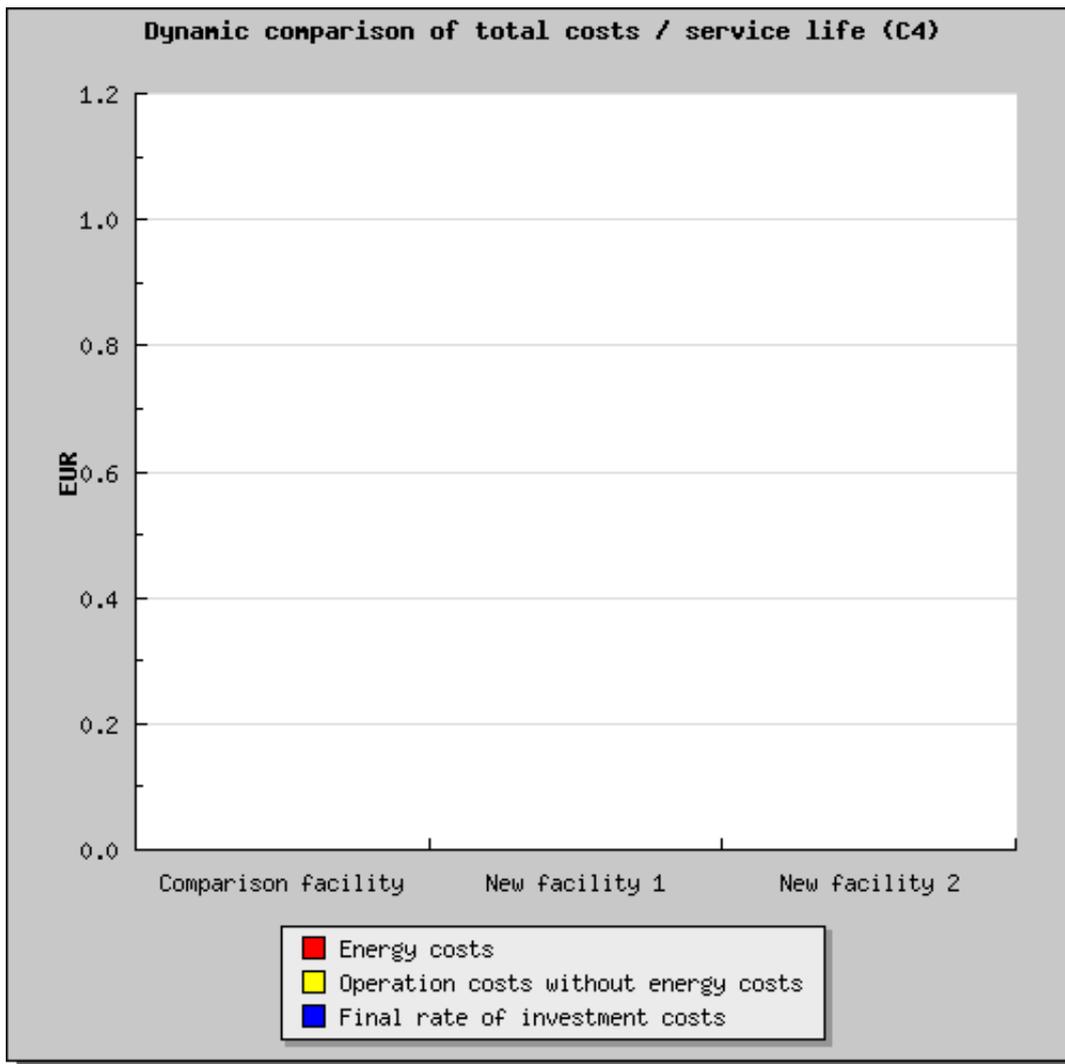## **Dynamic comparison of operation costs / service life (C3)**

New facility 1:   Complete savings: 0 EUR   Rate of return: 0.00%
New facility 2:   Complete savings: 0 EUR   Rate of return: 0.00%

Economica calculation for indoor

Project:
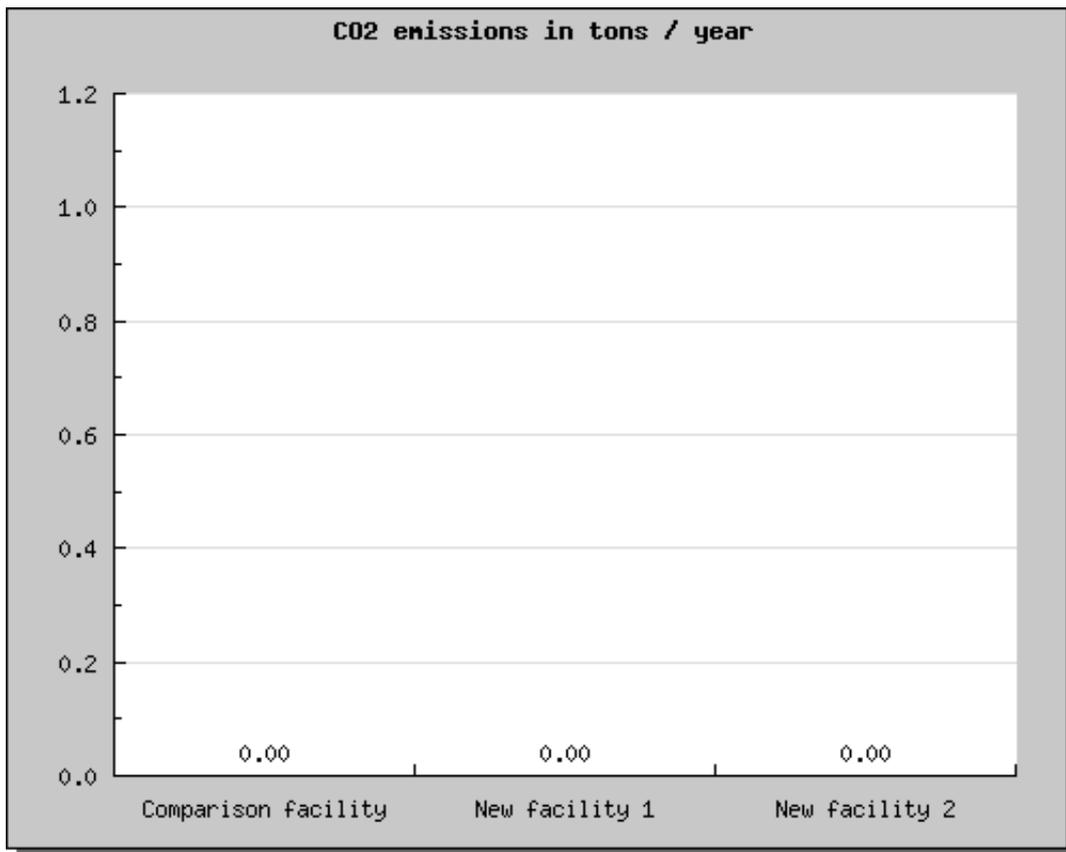
Dynamic comparison of total costs / service life (C4)

New facility 1:   Complete savings: 0 EUR   Rate of return: 0.00%
New facility 2:   Complete savings: 0 EUR   Rate of return: 0.00%

Economica calculation for indoor

Project:

CO2 emissions in tons / year

Chart title: CO2 emissions in tons / year

Comparison facility	New facility 1	New facility 2
0.00	0.00	0.00

The lighting results are based on specifications from DIN EN 12464-1 and serve as orientation for evaluating energy-efficient lighting installations for indoor use. The results do not replace detailed planning. These can be implemented by forwarding the data to standard light calculation software products such as Dialux and Relux. A warranty / liability for this free calculation is not assumed by Siteco. In this regard we refer to the services offered by lighting design and engineering offices.

Values are based on precise calculations with calibrated lamps, luminaires and their configurations. In practice, gradual deviations may occur. Liability claims for luminaire data are excluded. The manufacturer assumes no liability for subsequent damage to users or third parties.