

Entertainment complex Ferris wheel (40-50 m)

Feasibility study of the project

Initial data	Quantity	Price	Total
Cost of installation of the complex			833 000
- wheel	1 set	250 000	
- cabins	24 pcs.	288 000	
- station, combines retail space of 150-200 sq. m	1 set	190 000	
- transportation, <i>in average</i>	11 trucks	35 000	
- assembling (project, foundation, assembling with crane)	45 days	70 000	
Productivity, <i>ppl / year</i> , no more than			3 500 000
- number of seats	144		
- number of cycles per hour	6		
Working hours, <i>hours / days</i>	12		
Work period, <i>months</i>	12		

Operation (<i>Euros per year</i>)			
Electricity			22 000
- rated power of electricity, <i>kW / h</i> (no more than)	75		
- electricity cost, <i>Euro / kW</i>		0.07	
Depreciation expenses			32 000
- Maintenance of components and mechanisms		29 000	
- Touch up		3 000	
Staff salaries			120 000
- Number of service personnel, <i>ppl.</i>	5		
- Salary per month		10 000	
Other - including land rent, "overhead expenses", <i>per month</i> (no more than)		7 000	84 000
TOTAL cost of operation, <i>Euro per year</i>			260 000

Gross income (<i>Euro per year</i>)			
Cost of 1 ticket, <i>Euro</i>		5	
Estimated number of visitors per year, with occupancy rate - 0.15		550 000	
Volume of sales			2 750 000
Gross income			2 490 000

Payback period (ratio of project cost/profit), <i>months</i>	Around a year		
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- The average annual occupancy rate and ticket price are based on statistical data from the operation of our and similar products in more than 20 regions of Western and Eastern Europe.
- The main decisive factor in the implementation of these calculations is the presence of the required number of potential visitors at the installation site of the complex.