Ministry of Investment,
industry and trade
of the Republic of Uzbekistan

Investment proposal:
Production of engine mounts

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Production of engine mounts products

Economic impact:

- Reduces import of engine mounts (~$45M/year).
- Adds value to GDP and industrial diversification.
- Generates export revenue (~$18M+/year).
- Increases tax income and local industrial activity.

Social impact:

- Creates 450+ direct and 1300 indirect jobs.
- Trains workforce in modern manufacturing.
- Supports local suppliers & SMEs.
- Promotes regional industrial growth.

Location of the project

Jizzakh region	
Size	21 200 km²
Population	1,5 million

Project description:

1. Modern manufacturing facility

Establishment of a state-of-the-art plant producing 2.5 million engine mounts annually.

2. Product range & quality

Production of standard, hydraulic, and transmission engine mounts meeting international OEM standards.

3. Technology & automation

Advanced machinery and automated assembly lines ensure high durability and consistent quality.

4. Market & export potential

Serving domestic automotive industry and targeting CIS and European export markets.

Economic indicators:

- **Financing:** 35 mln USD
- **Area:** 5 hectares
- **Revenue:** $31,3 mln/year
- **PP:** 4-5 years
- **NPV:** ~ $29 mln
- **IRR:** ~21 %

Production indicators:

- **Standard mounts:** 1,5 mln units/year
- **Hydraulic mounts:** 0,6 mln units/year
- **Transmission mounts:** 0,4 mln units/year
- **Total:** 2,5 mln units/year

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Engine mounts products processing chain & product yield

Key production stages

1. Raw material preparation

Procurement of steel plates, rubber compounds, hydraulic fluids

Cutting, cleaning, and pre-treatment of materials

2. Metal processing & machining

CNC machining of metal brackets

Surface treatment (coating, anti-corrosion plating)

3. Rubber compounding & vulcanization

Mixing rubber with additives for required elasticity

Vulcanization (heat treatment) to bond rubber with metal

4. Assembly process

Combining rubber, metal, and hydraulic components

Hydraulic fluid filling (for hydraulic mounts)

Automated press-fitting and bonding

5. Quality control & testing

Durability, vibration, and noise reduction testing

Dimensional & performance checks according to OEM standards

6. Packaging & logistics

Protective packaging for shipment

Delivery to automotive OEMs and aftermarket distributors

Product yield breakdown

	Product segment	Share (%)	Annual volume (units)	Example products
1	**Standard mounts**	60%	1,5 mln	Passenger cars (Chevrolet, Hyundai)
2	**Hydraulic mounts**	25%	0,6 mln	SUVs, premium vehicles (Captiva, Equinox)
3	**Transmission mounts**	15%	0,4 mln	Gearbox & drivetrain systems
	Total	**100%**	**2,5 mln units**	

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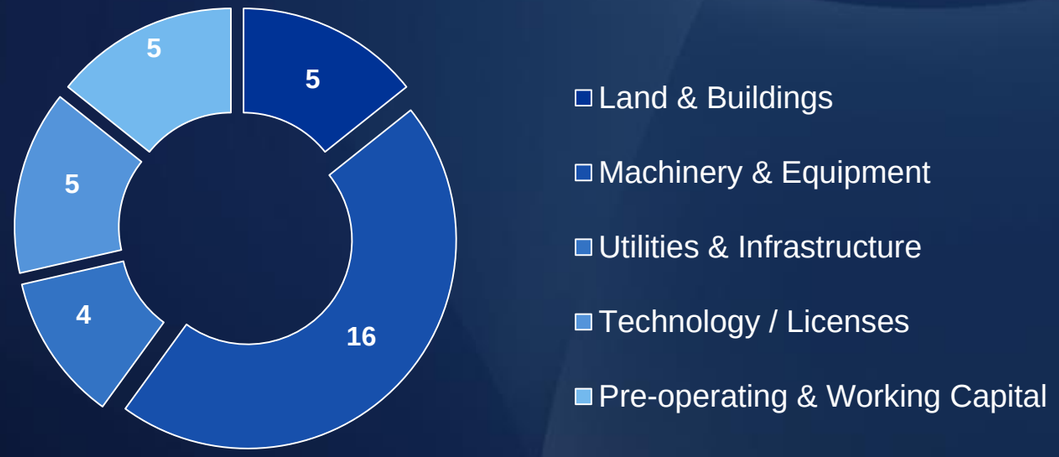
Project expenses

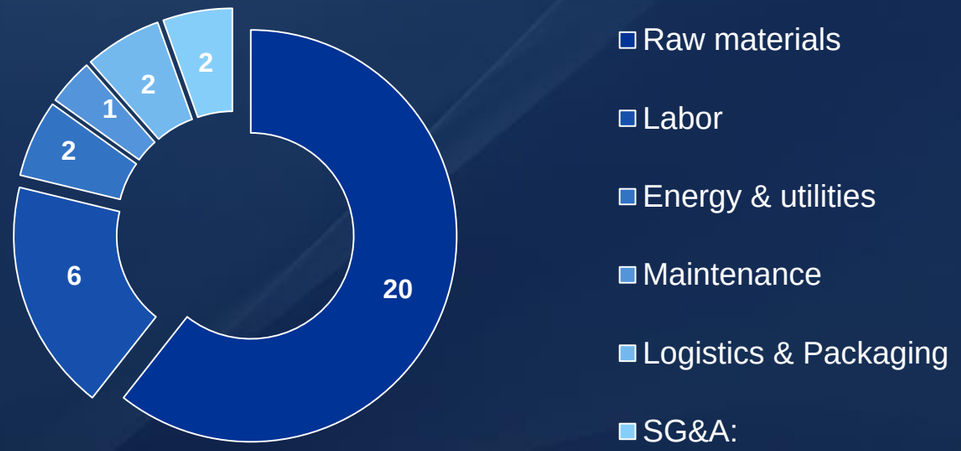
Initial Investment (CAPEX) *(mln dollar)*

Total CAPEX: **$35 mln**



Operating Costs (OPEX) *(mln dollar)*

Total OPEX: **$26 mln**



This financial overview outlines a comprehensive cost structure and strong profitability of the proposed engine mounts products manufacturing project. The breakdown includes both initial capital investment (CAPEX) and annual operating costs (OPEX), alongside projected revenue and profit estimates.

Product	**Volume** *(mln.units/year)*	**Price** *(USD/unit)*	**Revenue** *(mln $)*
Standard mounts	1,5	15	15,8
Hydraulic mounts	0,6	25	10,5
Transmission mounts	0,4	18	5
TOTAL	**2,5 mln units**	**-**	**31,3 mln ($)**

Annual EBITDA:
= $31,3 mln - $26 mln =
$5,3 mln

The project's strong profitability forecast is underpinned by efficient operations and high market demand, positioning it as a highly attractive investment.

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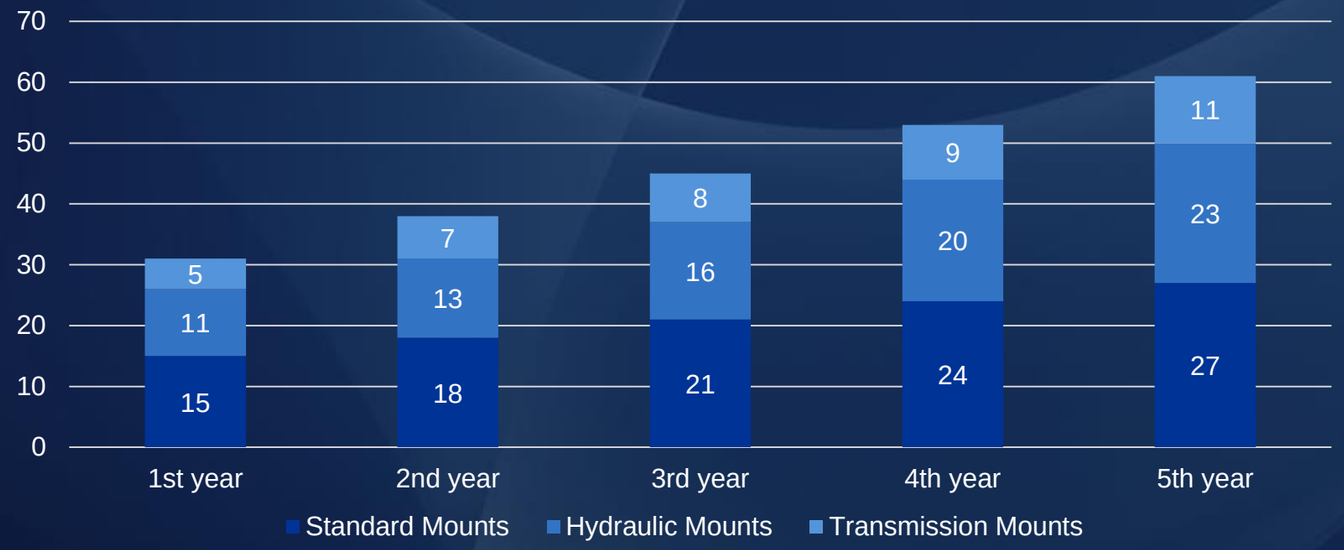
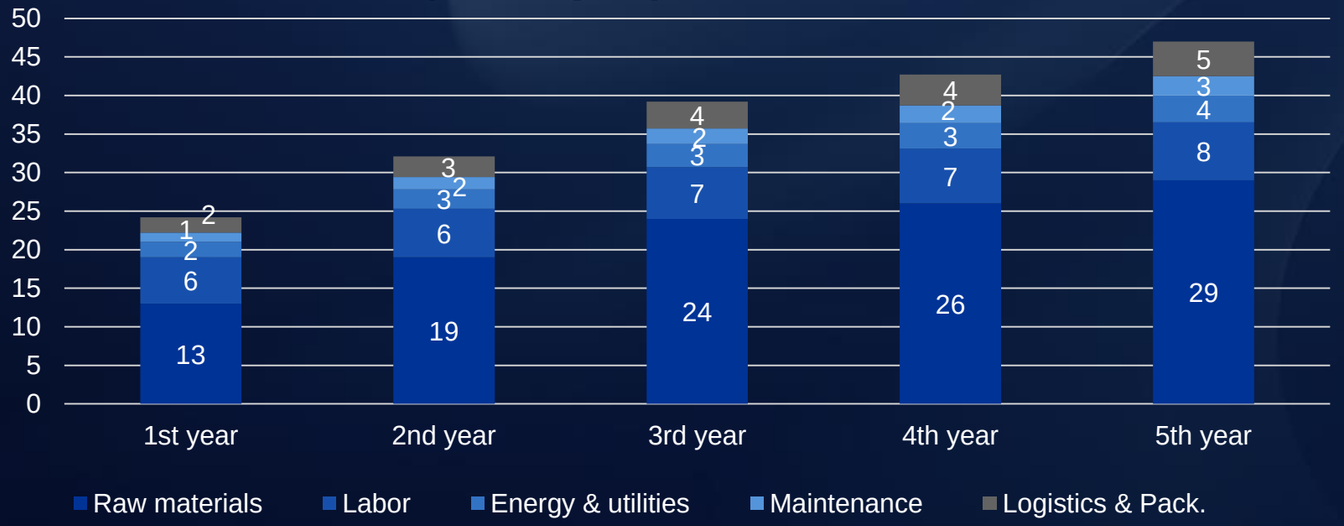
Financial indicators
(5-year projection)

Revenues *(mln dollars)*



Operating expenses *(mln dollars)*



Breakeven: Achieved in year 4

Total 5-year revenue: $280M

EBITDA growth: ~18% CAGR, reaching $24M by Year 5.

NPV (10% discount rate):
NPV= **29$ mln** *(Highly favorable!)*

IRR (Internal rate of return): **≈ 21%**

Payback period (PP):
= **4-5 years**

Profitability index (PI):
=(NPV+CAPEX)/CAPEX=($29+$35/$35= 1,8