



**Project Title: Industrial lime production**

Sector	mine
Sub Sector	mineral processing
Products / Services	lime
location	East Azarbaijan Province
Project description	A brief description of production process: Limestone or calcium carbonate rarely found in nature as pure lime The stone is found as in the form of limestone, clay, sand; dolomitic .Lime is unstable in front of air and moisture so it cannot be stored for a long time, but hydrated lime can be stored for a long time. Basically to prepare lime the amount of calcium carbonate in limestone should be more than 90 percent and the amount of $\text{SiO}_2 + \text{Fe}_2\text{O}_3 + \text{Al}_2\text{O}_3$ is less than 4 percent. Lime and hydrated are used in various industries such as steel, melting some metals such as copper ore, gold extraction, improving the quality of drinking water, air pollution control in metallurgical plants, carbonate and sodium bicarbonate, calcium carbide producers, organic chemicals, paper producing, building materials, ceramics, sugar plants, oil, paint and leather industry
Annual capacity	80000 tons per year

Local/ internal raw material access: 100%

Sale:

- Anticipated local market: 60%
- Anticipated export market: 40%

Construction Period: 16 months

Project Status:

- Feasibility study available? Yes
- Required land provided? Yes
- Legal permissions (establishment license, foreign currency quota, environment, etc) taken? No
- Partnership agreement concluded with local/foreign investor? No
- Financing agreement concluded? No
- Agreement with local / foreign contractor(s) concluded? Yes
- Infrastructural utilities (electricity, water supply, telecommunication, fuel, road, etc) procured? No
- List of know-how, machinery, equipment, as well as seller / builder companies defined? Yes
- Purchase agreement for machinery, equipment and know- how concluded? No



Descriptions	Local Currency Required			Foreign Currency Required (Million Euro)	Total Million Euro
	Million Rial	Rate	Equivalent in Million Euro		
Fix Capital	100000	50700	1.97	0.00	1.97
Working Capital	15000	50700	0.30	0.00	0.30
Total Investment	115000	50700	2.27	0.00	2.27
<div>• Value of foreign equipment / machinery: - Million Euro</div> <div>• Value of local equipment / machinery: 1.58 Million Euro</div> <div>• Value of foreign technical know-how: - Million Euro</div> <div>• Value of local technical know-how: 0.10 Million Euro</div> <div>• Net present value (NPV): - Million Euro</div> <div>• Internal Rate of Return (IRR): 39.6%</div> <div>• Payback Period: 2.5 years</div>					

**Project Type:** ☒ Establishment ☐ Expansion and completion

**Local Entrepreneur:** ☒ Private sector ☐ Public sector

**Company Profile**

**Name (legal /natural persons):** -

**Company Name:** Kara Negin Fardis ( Mr. Bani Hashemi)

**Address:** No. 37, close to medical science department , Golgasht St., Tabriz, East Azarbaijan

**Tel:** +98 41 35577439

**Fax:** +98 41 35577514

**Web Site:** www.karanegin.com

**E-Mail:** karanegin.co@gmail.com

