

Project Profile – Summary Sheet

Project Introduction

1. Project title: Production of Solar Cell and Solar Panel

2. Sector: Industry
Sub-sector: Energy

3. Products/Services: Solar Panel made from Silicon wafer

4. Location: Free zone
Economic special zone
Industrial estate
Main land

5. Project description:

During production of solar panels, at first silicon wafers are investigated to remove any possible imperfections, then wafers are entered into production line to be covered in various stages. At this stage, the product is framed by a mostly aluminium-made frame and sealed. Anti-radiation tests are the last stage of production.

6. Annual capacity: Nominal capacity: 83,000 pieces of 250 W panels (equal to 20 Mega Watt) in year. Actual capacity: 74,700 pieces of panels (equal to 18 Mega Watt) in year.

Project Status

7. Local/internal raw material access: 85%

8. Sale:
- Anticipated export market: 50%

9. Construction period: 2 years

10. Project status:

- Feasibility study available? **No**
- Required land provided? **No**
- 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? **No**
- Infrastructural utilities (electricity, water supply, telecommunication, etc) procured? **Yes**
- List of know-how, machinery, equipment, as well as seller/builder companies defined? **Yes**
- Purchase agreement for machinery, equipment and know-how concluded? **No**



Financial Structure

11. Financial Table

Description	Local Currency Required			Foreign Currency Required Million Euro	Total Million Euro
	Million Rials	Rate	Equivalent in Million Euro		
Fixed Capital	41,748	35,369	1.18	0.33	1.51
Working Capital	80,563	35,369	2.28	0.00	2.28
Total Investment	122,312	35,369	3.46	0.33	3.79

- Value of foreign equipment/machinery **0.33** million Euro
- Value of local equipment/machinery - million Euro
- Value of foreign technical know-how - million Euro
- Value of local technical know-how - million Euro

- Net Present Value (NPV): **0.54** million Euro in 10 years
- Internal Rate of Return (IRR): **36.71%**
- Payback Period (PP): **3.26** years

General Information

- 12. Project Type:** Establishment
Expansion and completion

13. Company Profile

- **Name (legal/natural persons):**
- **Company name:**
- **Address:** Seqat-al-Islam House, before Saheb-al-Amr underground, After Qari Bridge, Farabi Blvd, Tabriz, Iran
- **Tel:** +98-41-35262237-38
- **Fax:** +98-41-35265053
- **E-mail:** info@investin-ea.ir
- **Website:** <http://www.investin-ea.ir/>
- **Local entrepreneur:** Private sector
Public sector
Other