

SUMMARY SHEET

Project title: Algae cultivation

Sector : Agriculture

Products / Services : Algae powder - biomass residue

Location: Bandargaz County.
Golestan Province

Annual capacity : 5 tons of algae powder – 5 tons of waste biomass



Project description :

This project will be constructed on a 4,000 m² plot with 730 m² built-up area.

Annual utility requirements:

Electricity 960000 kWh

Water: 3000 m³

Natural gas 450 m³

The facility will be equipped with domestic machinery.

Benefits of implementing the plan:

- Requires little space for production
- Widely used in industries
- Product export and foreign exchange

Financial and Economic indicators

Financial structure :

Description	Total euros
Fixed capital	410289
Working capital	3185
Total investment	413474

- Value of foreign equipment / machinery 0 Euro
- Value of local equipment / machinery 43187 Euro
- Value of foreign technical know-how --- Euro
- Value of local technical know-how ----- Euro
- Net present value (NPV) : 520176 Euro
- Internal Rate of Return (IRR) : 26.59 %
- Capital Rate of Return : 5.08 years