Biodegradable Plastic Bag Manufacturing Industry.

Production of Compostable and Biodegradable Bags from Corn Starch.

Eco-Friendly Disposable Bags
The corn starch bags look and feel just like the ones made of plastic. A factor behind the huge demand for the corn starch bags is inadequate raw material.

Bags made out of corn starch are bio-based and renewable. Agricultural Crops like Corn can be harvested every year in the fields and are annually renewable. Through photosynthesis, they convert the energy from the sun into carbon chains, which can be processed into plastics and paper.
They:

- have a high barrier to air, grease and bacteria: ideal for food packaging
- are watertight
- have a hard and crinkly texture
- can be heat sealed
- are made from natural renewable resources
- are biodegradable
- are compostable in a compost facility
- Use these bags to package dry goods, nuts, fruit, beans, peas etc.

These biodegradable bags are being liked over traditional plastic products, especially for the fast-moving consumer goods and food packaging.
Market Outlook

The biodegradable plastic bags and sacks market have consolidated landscape owing to increasing strategic business activities. The key players operating in the biodegradable plastic bags and sacks market are trying to provide improved and versatile products. The players are focusing to offer high quality and biodegradable additives so as to gain more shares than other rivals. In addition, several players are indulging in strategic business activities such as mergers and acquisitions to improve their global presence.
Global Biodegradable Plastic Bags Market

CAGR 6.9% (2017 – 2022)
The increasing dependence of the medical and food industry on environmental-friendly plastic packaging is a notable factor catalyzing the market demand for biodegradable plastics bags and sacks.
Biodegradable plastics are plastics which decompose in the environment within a reasonable period of time. Biodegradable plastics are made up of renewable raw materials. Many of these plastics require biodegradable additives to enhance biodegradation process and some may require a specific environment to disintegrate. Time taken by plastics to decompose depends upon various factors such as raw material used and environmental conditions such as moisture and temperature.

The global biodegradable plastics market size is projected to reach USD 6.73 billion by 2025. The starch based segment lead the global biodegradable market. Starch based plastics are used in various applications such as packaging, consumer electronics, agriculture, automotive and textiles.
The Global Biodegradable Plastic market is primarily driven by a positive attitude of government towards green procurement policies and superior characteristics of biodegradable plastics. The government of different countries are initiating stringent actions for reducing the use of conventional plastics by implementing taxes on oil-based plastics and disallowing the use of conventional plastics.

Rising consumer awareness about global warming and government legislation such as banned on plastic bags will increase the demand for biodegradable plastics across the globe. Plastics that decompose to carbon dioxide and water under the actions of microorganisms is known as biodegradable plastics.
Packaging industry is leading segment in application of biodegradable plastics. Increasing demand of biodegradable plastics as major packaging applications in food & beverage, textiles, pharmaceuticals and consumer goods is augmented to market growth over the forecasted period. Changing lifestyle of consumer along with increase in packaged food products demand in developed regions are boosting the demand for biodegradable plastics in packaging industries. Rising awareness among farmers to build green houses for production of fruits and vegetables has boosted the biodegradable plastics in agriculture application. Growing electronic, medical and automobile industry has also boosted the demand of biodegradable plastics market.
Biodegradable plastics are a billion dollar growing industry that is pushed by the increased regulations and bans against plastic bags and other single-use plastic items. The demand for biodegradable plastics worldwide is growing as more people become concerned about plastic waste.

Consumer awareness of sustainable plastic solutions, government interest in the reduction of greenhouse gas emissions, and a pervasive, general desire to eliminate fossil fuel independence are the reasons for the market growth. Western Europe combines all of these factors and implements biodegradable plastics even in household and business products, such as foam packaging, mulch films, textiles, implants and sutures, down hole tools for oil and gas field operations, 3-D printing filament, etc.
Biodegradable Plastic Market Revenue, 2015-2021
($ Million)
Biodegradable plastics is widely used in the packaging & bags industry. It is expected to be the fastest-growing end-use industry segment of the biodegradable plastics market between 2018 and 2023.
Machinery Photographs

MAIZE MILLING EQUIPMENT

BOILER
## Project at a Glance

### COST OF PROJECT

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Existing</th>
<th>Proposed</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land &amp; Site Development Exp.</td>
<td>0.00</td>
<td>45.00</td>
<td>45.00</td>
</tr>
<tr>
<td>Buildings</td>
<td>0.00</td>
<td>127.00</td>
<td>127.00</td>
</tr>
<tr>
<td>Plant &amp; Machineries</td>
<td>0.00</td>
<td>298.76</td>
<td>298.76</td>
</tr>
<tr>
<td>Motor Vehicles</td>
<td>0.00</td>
<td>10.00</td>
<td>10.00</td>
</tr>
<tr>
<td>Office Automation Equipments</td>
<td>0.00</td>
<td>45.00</td>
<td>45.00</td>
</tr>
<tr>
<td>Technical Knowhow Fees &amp; Exp.</td>
<td>0.00</td>
<td>25.00</td>
<td>25.00</td>
</tr>
<tr>
<td>Franchise &amp; Other Deposits</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Preliminary &amp; Pre-operative Exp.</td>
<td>0.00</td>
<td>3.00</td>
<td>3.00</td>
</tr>
<tr>
<td>Provision for Contingencies</td>
<td>0.00</td>
<td>28.00</td>
<td>28.00</td>
</tr>
<tr>
<td>Margin Money - Working Capital</td>
<td>0.00</td>
<td>24.23</td>
<td>24.23</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>0.00</td>
<td>605.99</td>
<td>605.99</td>
</tr>
</tbody>
</table>

### MEANS OF FINANCE

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Existing</th>
<th>Proposed</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capital</td>
<td>0.00</td>
<td>151.50</td>
<td>151.50</td>
</tr>
<tr>
<td>Share Premium</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Other Type Share</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Reserves &amp; Surplus</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Cash Subsidy</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Cash Subsidy</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Internal Cash Accruals</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Long/Short Term Borrowings</td>
<td>0.00</td>
<td>454.49</td>
<td>454.49</td>
</tr>
<tr>
<td>Debentures / Bonds</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Unsecured Loans/Deposits</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>0.00</td>
<td>605.99</td>
<td>605.99</td>
</tr>
</tbody>
</table>
## Project at a Glance

<table>
<thead>
<tr>
<th>Year</th>
<th>Annualised Book Value</th>
<th>Debt Per Share</th>
<th>Dividend Per Share</th>
<th>Retained Earnings Per Share</th>
<th>Payout %</th>
<th>Probable Market Price</th>
<th>P/E Ratio</th>
<th>Yield Price/Book Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2</td>
<td>4.19</td>
<td>14.19 (9)</td>
<td>24.00</td>
<td>0.00</td>
<td>100.00</td>
<td>4.19</td>
<td>1.00</td>
<td>0.00</td>
</tr>
<tr>
<td>2-3</td>
<td>7.11</td>
<td>21.30 (0)</td>
<td>18.00</td>
<td>0.00</td>
<td>100.00</td>
<td>7.11</td>
<td>1.00</td>
<td>0.00</td>
</tr>
<tr>
<td>3-4</td>
<td>9.98</td>
<td>31.29 (9)</td>
<td>12.00</td>
<td>0.00</td>
<td>100.00</td>
<td>9.98</td>
<td>1.00</td>
<td>0.00</td>
</tr>
<tr>
<td>4-5</td>
<td>12.77</td>
<td>44.06 (6)</td>
<td>6.00</td>
<td>0.00</td>
<td>100.00</td>
<td>12.77</td>
<td>1.00</td>
<td>0.00</td>
</tr>
<tr>
<td>5-6</td>
<td>15.43</td>
<td>59.49 (9)</td>
<td>0.00</td>
<td>0.00</td>
<td>100.00</td>
<td>15.43</td>
<td>1.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Note:** CEPS stands for Constant Earnings Per Share.
<table>
<thead>
<tr>
<th>Year</th>
<th>D. S. C. R.</th>
<th>Debt / Deposits Debt</th>
<th>Equity as-Equity Net Worth</th>
<th>Return on Net Worth</th>
<th>Profitability Ratio</th>
<th>Asset Turnover Ratio</th>
<th>Current Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Init</td>
<td>Individual</td>
<td>Cumulative</td>
<td>Overall</td>
<td>(Number of times)</td>
<td>(Number of times)</td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-2</td>
<td>1.30</td>
<td>1.30</td>
<td>1.69</td>
<td>1.69</td>
<td>1.91</td>
<td>26.99</td>
<td>12.55%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>%</td>
<td>9.80%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>2-3</td>
<td>1.59</td>
<td>1.44</td>
<td>0.84</td>
<td>0.84</td>
<td>1.01</td>
<td>32.54</td>
<td>21.03%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>3-4</td>
<td>1.95</td>
<td>1.60</td>
<td>1.94</td>
<td>0.38</td>
<td>0.51</td>
<td>36.31</td>
<td>26.97%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>4-5</td>
<td>2.37</td>
<td>1.76</td>
<td>0.14</td>
<td>0.14</td>
<td>0.24</td>
<td>38.89</td>
<td>31.20%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td>5-6</td>
<td>2.87</td>
<td>1.94</td>
<td>0.00</td>
<td>0.00</td>
<td>0.08</td>
<td>40.62</td>
<td>34.21%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>%</td>
<td>%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>%</td>
<td>%</td>
</tr>
</tbody>
</table>
# Project at a Glance

<table>
<thead>
<tr>
<th><strong>BEP</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BEP - Maximum Utilisation Year</td>
<td>5</td>
</tr>
<tr>
<td>Cash BEP (% of Installed Capacity)</td>
<td>56.66%</td>
</tr>
<tr>
<td>Total BEP (% of Installed Capacity)</td>
<td>60.90%</td>
</tr>
<tr>
<td>IRR, PAYBACK and FACR</td>
<td></td>
</tr>
<tr>
<td>Internal Rate of Return ( In %age )</td>
<td>24.88%</td>
</tr>
<tr>
<td>Payback Period of the Project is ( In Years )</td>
<td>2 Years 4 Months</td>
</tr>
<tr>
<td>Fixed Assets Coverage Ratio ( No. of times )</td>
<td>3.387</td>
</tr>
</tbody>
</table>
1. What is Biodegradable Corn Starch Bags Manufacturing industry?

2. How has the Biodegradable Plastic Bags Manufacturing industry performed so far and how will it perform in the coming years?

3. What is the Project Feasibility of Biodegradable Corn Starch Bags Manufacturing Plant?

4. What are the requirements of Working Capital for setting up Biodegradable Plastic Bags Manufacturing plant?
5. What is the structure of the Biodegradable Plastic Bags Manufacturing Business and who are the key/major players?

6. What is the total project cost for setting up Corn Starch Bags Manufacturing Business?

7. What are the operating costs for setting up Corn Starch Bags Manufacturing plant?

8. What are the machinery and equipment requirements for setting up Corn Starch Bags Manufacturing plant?
9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Biodegradable Corn Starch Bags Manufacturing plant?

10. What are the requirements of raw material for setting up Biodegradable Corn Starch Bags Manufacturing plant?

11. Who are the Suppliers and Manufacturers of Raw materials for setting up Biodegradable Plastic Bags Manufacturing Business?

12. What is the Manufacturing Process of Biodegradable Plastic Bags?
13. What is the total size of land required for setting up Corn Starch Bags Manufacturing plant?

14. What will be the income and expenditures for Corn Starch Bags Manufacturing Business?

15. What are the Projected Balance Sheets of Corn Starch Bags Manufacturing plant?

16. What are the requirement of utilities and overheads for setting up Corn Starch Bags Manufacturing plant?

17. What is the Built up Area Requirement and cost for setting up Corn Starch Bags Manufacturing Business?
18. What are the Personnel (Manpower) Requirements for setting up Biodegradable Corn Starch Bags Manufacturing Business?

19. What are Statistics of Import & Export for Biodegradable Corn Starch Bags?

20. What is the time required to break-even of Biodegradable Plastic Bags Manufacturing Business?

21. What is the Break-Even Analysis of Biodegradable Plastic Bags Manufacturing plant?

22. What are the Project financials of Corn Starch Bags Manufacturing Business?
23. What are the Profitability Ratios of Corn Starch Bags Manufacturing Project?

24. What is the Sensitivity Analysis-Price/Volume of Biodegradable Corn Starch Bags Manufacturing plant?

25. What are the Projected Pay-Back Period and IRR of Biodegradable Corn Starch Bags Manufacturing plant?

26. What is the Process Flow Sheet Diagram of Biodegradable Corn Starch Bags Manufacturing project?
27. What are the Market Opportunities for setting up Biodegradable Corn Starch Bags Manufacturing plant?

28. What is the Market Study and Assessment for setting up Corn Starch Bags Manufacturing Business?

29. What is the Plant Layout for setting up Corn Starch Bags Manufacturing Business?
Table of Contents of the Project Report

www.entrepreneurindia.co
1. PROJECT LOCATION
1.1. DISTRICT PROFILE AND GEOTECHNICAL SITE CHARACTERIZATION
  1.1.1. General
  1.1.2. History
  1.1.3. Demographics
  1.1.4. Geography
  1.1.5. Topography
  1.1.6. Map
  1.1.7. Administrative Setup
  1.1.8. Industry at a Glance
  1.1.9. Availability of Minerals
  1.1.10. Transport
  1.1.11. Flora and Fauna
  1.1.12. Education

2. INTRODUCTION

3. PROPERTIES OF BIO-PLASTICS

4. APPLICATIONS OF BIO-PLASTIC

5. USES AND APPLICATIONS

6. ADVANTAGES & DISADVANTAGES OF BIODEGRADABLE PLASTIC PRODUCTS
  6.1. DISADVANTAGES OF BIO-PLASTICS
  6.2. DISADVANTAGES OF BIO-PLASTICS

7. CHEMISTRY OF BIODEGRADABLE PLASTIC
8. PRODUCTS
8.1. BIODEGRADABLE PLASTIC
8.2. BIODEGRADABLE PLASTIC BAGS

9. TYPES OF BIODEGRADABLE BAGS

10. B.I.S. SPECIFICATIONS

11. DIFFERENT TYPE OF BIODEGRADABLE PLASTIC BAGS

12. MARKET SURVEY

13. EXPORT & IMPORT: ALL COUNTRIES

14. FINANCIALS & COMPARISON OF MAJOR INDIAN PLAYERS/COMPANIES
14.1. ABOUT FINANCIAL STATEMENTS OF CMIE DATABASE
14.2. PROFITS & APPROPRIATIONS
14.3. TOTAL LIABILITIES
14.4. TOTAL ASSETS
14.5. NET CASH FLOW FROM OPERATING ACTIVITIES
14.6. SECTION – I
14.6.1. Name of Company with Contact Details
14.6.2. Name of Director(S)
14.6.3. Plant Capacity
14.6.4. Location of Plant
14.6.5. Name of Raw Material(S) Consumed With Quantity & Cost
14.7. SECTION – II
14.7.1. Assets
14.7.2. Cash Flow
14.7.3. Cost as % Ge of Sales
14.7.4. Growth in Assets & Liabilities
14.7.5. Growth in Income & Expenditure
14.7.6. Income & Expenditure
14.7.7. Liabilities
14.7.8. Liquidity Ratios
14.7.9. Profitability Ratio
14.7.10. Profits
14.7.11. Return Ratios
14.7.12. Structure of Assets & Liabilities (%)
14.7.13. Working Capital & Turnover Ratios

15. COMPANY PROFILE OF MAJOR PLAYERS

16. PRESENT MANUFACTURERS

17. RAW MATERIALS DETAILS

18. MANUFACTURING PROCESS

19. PROCESS FLOW DIAGRAM

20. GASEOUS STERILIZATION OF BIO-PLASTIC PRODUCTS WITH ETHYLENE OXIDE
21. WASTE WATER TREATMENT PLANTS

22. SUPPLIERS OF PLANT & MACHINERY

23. SUPPLIERS OF RAW MATERIAL

24. PHOTOGRAPHHS AS FOR REFERENCES

24.1. PRODUCT PHOTOGRAPHS
24.2. RAW MATERIAL PHOTOGRAPHS
24.3. MACHINERY PHOTOGRAPHS

25. PLANT LAYOUT

26. QUOTATION OF PLANT, MACHINERY AND EQUIPMENTS FROM SUPPLIER
Project Financials

- Project at a Glance
  - Assumptions for Profitability workings
  - Plant Economics
  - Production Schedule
  - Land & Building
  - Factory Land & Building
  - Site Development Expenses

Annexure
• Plant & Machinery
  Indigenous Machineries
  Other Machineries (Miscellaneous, Laboratory etc.)

• Other Fixed Assets
  Furniture & Fixtures
  Pre-operative and Preliminary Expenses
  Technical Knowhow
  Provision of Contingencies

• Working Capital Requirement Per Month
  Raw Material
  Packing Material
  Lab & ETP Chemical Cost
  Consumable Store
• Overheads Required Per Month and Per Annum..........................8
  Utilities & Overheads (Power, Water and Fuel Expenses etc.)
  Royalty and Other Charges
  Selling and Distribution Expenses

• Salary and Wages ........................................................................9

• Turnover Per Annum ..................................................................10

• Share Capital ..............................................................................11
  Equity Capital
  Preference Share Capital
• Annexure 1 :: Cost of Project and Means of Finance

• Annexure 2 :: Profitability and Net Cash Accruals

- Revenue/Income/Realisation
- Expenses/Cost of Products/Services/Items
- Gross Profit
- Financial Charges
- Total Cost of Sales
- Net Profit After Taxes
- Net Cash Accruals
• Annexure 3 :: Assessment of Working Capital requirements
  - Current Assets
  - Gross Working Capital
  - Current Liabilities
  - Net Working Capital
  - Working Note for Calculation of Work-in-process

• Annexure 4 :: Sources and Disposition of Funds
• Annexure 5 :: Projected Balance Sheets

- ROI (Average of Fixed Assets)
- RONW (Average of Share Capital)
- ROI (Average of Total Assets)

• Annexure 6 :: Profitability Ratios

- D.S.C.R
- Earnings Per Share (EPS)
- Debt Equity Ratio
Annexure 7 :: Break-Even Analysis

- Variable Cost & Expenses
- Semi-Variable/Semi-Fixed Expenses
- Profit Volume Ratio (PVR)
- Fixed Expenses / Cost
- B.E.P
Annexure 8 to 11 :: Sensitivity Analysis-Price/Volume

- Resultant N.P.B.T
- Resultant D.S.C.R
- Resultant PV Ratio
- Resultant DER
- Resultant ROI
- Resultant BEP
• Annexure 12 :: Shareholding Pattern and Stake Status
  - Equity Capital
  - Preference Share Capital
• Annexure 13 :: Quantitative Details-Output/Sales/Stocks
  - Determined Capacity P.A of Products/Services
  - Achievable Efficiency/Yield % of Products/Services/Items
  - Net Usable Load/Capacity of Products/Services/Items
  - Expected Sales/ Revenue/ Income of Products/ Services/ Items
• Annexure 14 :: Product wise Domestic Sales Realisation
• Annexure 15 :: Total Raw Material Cost
• Annexure 16 :: Raw Material Cost per unit
• Annexure 17 :: Total Lab & ETP Chemical Cost
• Annexure 18 :: Consumables, Store etc.
• Annexure 19 :: Packing Material Cost
• Annexure 20 :: Packing Material Cost Per Unit
• Annexure 21 :: Employees Expenses
• Annexure 22 :: Fuel Expenses
• Annexure 23 :: Power/Electricity Expenses
• Annexure 24 :: Royalty & Other Charges
• Annexure 25 :: Repairs & Maintenance Expenses
• Annexure 26 :: Other Manufacturing Expenses
• Annexure 27 :: Administration Expenses
• Annexure 28 :: Selling Expenses
• Annexure 29 :: Depreciation Charges – as per Books (Total)
• Annexure 30 :: Depreciation Charges – as per Books (P & M)
• Annexure 31 :: Depreciation Charges - as per IT Act WDV (Total)
• Annexure 32 :: Depreciation Charges - as per IT Act WDV (P & M)
• Annexure 33 :: Interest and Repayment - Term Loans
• Annexure 34 :: Tax on Profits
• Annexure 35 :: Projected Pay-Back Period and IRR
Reasons for Buying our Report:

• This report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product

• This report provides vital information on the product like its characteristics and segmentation

• This report helps you market and place the product correctly by identifying the target customer group of the product
• This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials

• The report provides a glimpse of government regulations applicable on the industry

• The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions

www.entrepreneurindia.co
Our Approach:

• Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.

• The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players.

• We use reliable sources of information and databases. And information from such sources is processed by us and included in the report.
Scope of the Report

The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on Biodegradable Corn Starch Bags.” provides an insight into Biodegradable Plastic Bags market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Biodegradable Plastic Bags project. The report assesses the market sizing and growth of the Indian Biodegradable Plastic Bags Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line. And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:
- Good Present/Future Demand
- Export-Import Market Potential
- Raw Material & Manpower Availability
- Project Costs and Payback Period

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the Biodegradable Plastic Bags sector in India along with its business prospects. Through this report we have identified Biodegradable Plastic Bags project as a lucrative investment avenue.
# Corn Starch Bag, #Biodegradable Packaging, #Biodegradable & Compostable Packaging, #Biodegradable Plastic Bags from Corn, #Biodegradable Plastic Bags, # Corn Starch Bag Making, # Production of Cornstarch Bag, #Biodegradable Corn Starch Bag Manufacture, #Biodegradable Corn Starch Bag Production, # Corn Starch Packaging, # Corn Starch Bag Manufacture, How to Make Corn Starch Bags, Corn Starch Bag Making Unit, Corn Starch Bags Manufacturing Process, Biodegradable Eco-Friendly Disposable Bags, Biodegradable Plastic Bag, Biodegradable Disposable Bags, Compostable Plastic Shopping Bag, Biodegradable and Compostable Alternatives to Conventional Plastics, Compostable Bag Made of Corn Starch, Starch Bags: an Alternative to Plastic Ones, Corn Starch Bags, Compostable Bag Made of Corn Starch, Corn Starch Biodegradable Bags, Corn Starch Biodegradable Bags, Compostable Bags, Biodegradable Bags Manufacturing Process, Eco-Friendly Corn Starch Bags, Biodegradable Plastic Bag Manufacturing Unit,
Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on Biodegradable Plastic Bag Manufacturing Industry. Production of Compostable and Biodegradable Bags from Corn Starch. Eco-Friendly Disposable Bags

See more
https://goo.gl/eZdhna
https://goo.gl/AGXteU
Take a look at Niir Project Consultancy Services on #Street View
https://goo.gl/VstWkd

Locate us on Google Maps
https://goo.gl/maps/BKkUtq9gevT2

www.entrepreneurindia.co
Our inexhaustible Client list includes public-sector companies, Corporate Houses, Government undertaking, individual entrepreneurs, NRI, Foreign investors, non-profit organizations and educational institutions from all parts of the World. The list is just a glimpse of our esteemed & satisfied Clients.

Click here to take a look
https://goo.gl/G3lCjV
Free Instant Online Project Identification and Selection Service

Our Team has simplified the process for you by providing a "Free Instant Online Project Identification & Selection" search facility to identify projects based on multiple search parameters related to project costs namely: Plant & Machinery Cost, Total Capital Investment, Cost of the project, Rate of Return% (ROR) and Break Even Point % (BEP). You can sort the projects on the basis of mentioned pointers and identify a suitable project matching your investment requisites......Read more
Download Complete List of Project Reports:

- Detailed Project Reports

NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.
And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

- Good Present/Future Demand
- Export-Import Market Potential
- Raw Material & Manpower Availability
- Project Costs and Payback Period

The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,
Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in India along with its business prospects......Read more
Contact us

NIIR PROJECT CONSULTANCY SERVICES

106-E, Kamla Nagar, Opp. Spark Mall,
New Delhi-110007, India.

Email: npcs.ei@gmail.com, info@entrepreneurindia.co
Tel: +91-11-23843955, 23845654, 23845886, 8800733955
Mobile: +91-9811043595
Fax: +91-11-23845886

Website: www.entrepreneurindia.co, www.niir.org
Take a look at NIIR PROJECT CONSULTANCY SERVICES on #StreetView

https://goo.gl/VstWkd
An ISO 9001:2015 Company
Who are we?

- One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services.

- We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients’ in India & abroad.
We at NPCS want to grow with you by providing solutions scale to suit your new operations and help you reduce risk and give a high return on application investments. We have successfully achieved top-notch quality standards with a high level of customer appreciation resulting in long lasting relation and large amount of referral work through technological breakthrough and innovative concepts. A large number of our Indian, Overseas and NRI Clients have appreciated our expertise for excellence which speaks volumes about our commitment and dedication to every client's success.
We bring deep, functional expertise, but are known for our holistic perspective: we capture value across boundaries and between the silos of any organization. We have proven a multiplier effect from optimizing the sum of the parts, not just the individual pieces. We actively encourage a culture of innovation, which facilitates the development of new technologies and ensures a high quality product.
What do we offer?

- Project Identification
- Detailed Project Reports/Pre-feasibility Reports
- Market Research Reports
- Business Plan
- Technology Books and Directory
- Industry Trend
- Databases on CD-ROM
- Laboratory Testing Services
- Turnkey Project Consultancy/Solutions
- Entrepreneur India (An Industrial Monthly Journal)
How are we different?

- We have two decades long experience in project consultancy and market research field.
- We empower our customers with the prerequisite know-how to take sound business decisions.
- We help catalyze business growth by providing distinctive and profound market analysis.
- We serve a wide array of customers, from individual entrepreneurs to Corporations and Foreign Investors.
- We use authentic & reliable sources to ensure business precision.

www.entrepreneurindia.co
Our Approach

- Requirement collection
- Thorough analysis of the project
- Economic feasibility study of the Project
- Market potential survey/research
- Report Compilation
Contact us

NIIR PROJECT CONSULTANCY SERVICES

106-E, Kamla Nagar, Opp. Spark Mall,
New Delhi-110007, India.

Email: npcs.ei@gmail.com, info@entrepreneurindia.co

Tel: +91-11-23843955, 23845654, 23845886, 8800733955

Mobile: +91-9811043595

Fax: +91-11-23845886

Website: www.entrepreneurindia.co, www.niir.org

Take a look at NIIR PROJECT CONSULTANCY SERVICES on #StreetView

https://goo.gl/VstWkd
Follow us

- https://www.linkedin.com/company/niir-project-consultancy-services
- https://www.facebook.com/NIIR.ORG
- https://www.youtube.com/user/NIIRproject
- https://plus.google.com/+EntrepreneurIndiaNewDelhi
- https://twitter.com/npcs_in
- https://www.pinterest.com/npcsindia/
For more information, visit us at:

www.niir.org
www.entrepreneurindia.co