

COCOA PROCESSING UNIT

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**Cocoa Butter, Cocoa Couverture
and Cocoa Powder Manufacturing
Plant**

**(Further Processed Products: Spreads and
Chocolate Syrups)**



Introduction

UNITS THAT PROCESS COCOA ARE KNOWN AS COCOA PROCESSING UNITS. COCOA BEANS ARE FERMENTED, DRIED, CLEANED, ROASTED, AND GROUND AFTER FERMENTATION AND DRYING. COCOA LIQUOR OR COCOA MASS IS THE END PRODUCT OF THESE PROCEDURES, WHICH IS OFFERED AS A LIQUID OR AS SOLID BARS KNOWN AS COCOA NIBS.

SEVERAL INGREDIENTS, SUCH AS SUGAR, MILK POWDER, AND OTHER ADDITIONS, MUST BE ADDED TO MANUFACTURE CHOCOLATE ITEMS SUCH AS CHOCOLATE BARS OR CHOCOLATE CHIPS. AT A CHOCOLATE FACTORY, THIS IS DONE. COCAO BEANS ARE USED DIRECTLY TO MAKE HOT (COCOA) OR COLD DRINKS IN SEVERAL REGIONS (CHOCOLATE).



BEFORE ADDING ANY OTHER INGREDIENTS, THEY MUST FIRST BE ROASTED AND GROUND INTO COCOA POWDER. THERE IS NO ONE-SIZE-FITS-ALL METHOD FOR PROCESSING COCOA BEANS, BUT THERE ARE SOME STAGES THAT MUST BE FOLLOWED IN ORDER TO CREATE HIGH-QUALITY COCOA LIQUOR THAT IS SAFE TO CONSUME.

➤ *Read Similar Articles: [Food Processing and Agriculture Projects](#)*



Uses

COCOA PROCESSING IS MAINLY DONE AT SPECIALISED PLANTS THAT AREN'T USUALLY FOUND ON COCOA FIELDS. THESE PLANTS ARE KNOWN AS CACAO BENEFICIOS OR JUST BENEFICIOS. PROCESSING COCOA BEANS INTO COCOA LIQUOR (ALSO KNOWN AS CHOCOLATE LIQUOR) AND COCOA POWDER IS THEIR PRIMARY FUNCTION (CACAO POWDER).

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THESE GOODS ARE FREQUENTLY UTILISED IN THE FOOD INDUSTRY, BUT THEY CAN ALSO BE MARKETED DIRECTLY TO CHOCOLATE AND CONFECTIONERY PRODUCERS. PROCESSED COCOA PRODUCTS ARE MORE VALUABLE THAN UNPROCESSED BEANS, MAKING THEM MORE APPEALING TO PRODUCERS.

➤ *Business Plan: [Profitable Business of Cocoa Processing Unit Cocoa Butter, Cocoa Couverture and Cocoa Powder \(Further Processed Products: Spreads and Chocolate Syrups\)](#)*



Manufacturing Process

COCOA BUTTER, COCOA POWDER, AND CHOCOLATE LIQUOR CAN ALL BE MADE IN A COCOA PROCESSING FACILITY. COCOA LIQUOR, ALSO KNOWN AS COCOA PASTE, IS A BY-PRODUCT OF THE EXTRACTION OF OIL FROM CACAO SEEDS (COCOA BEANS). HYDRAULIC PRESSING OF ROASTED AND GROUND COCOA BEANS,...

GENERALLY IN CONJUNCTION WITH SOLVENTS, PRODUCES IT. THE FINAL PRODUCT VARIES DEPENDING ON THE PRODUCER, BUT IT NORMALLY COMPRISES ABOUT 50% FAT AND 9% PROTEIN, WITH SMALLER AMOUNTS OF CARBOHYDRATES, DIETARY FIBRE, MINERALS, AND VITAMINS. IT COMES IN A VARIETY OF COLOURS, FROM WHITE TO LIGHT BROWN.

IT RESEMBLES PETROLEUM JELLY IN APPEARANCE. THE COCOA PROCESSING UNIT'S MANUFACTURING PROCESS IS AS FOLLOWS: THE CORRECT RAW MATERIAL SELECTION IS THE FIRST STEP IN THE MANUFACTURING PROCESS. THE QUALITY OF THE COCOA BEANS UTILISED DETERMINES THE END PRODUCT'S QUALITY.

➤ *Watch other Informative Videos: [Food Processing and Agriculture Based Projects](#)*



THE MANUFACTURING PROCESS CONTINUES WITH CLEANING, SORTING, AND GRADING. EXTRANEIOUS COMPONENTS SUCH AS SOIL AND SAND ARE REMOVED FROM THE BEANS FIRST. AFTER THAT, THEY ARE EVALUATED AND DIVIDED INTO VARIOUS SIZES AND GRADES BEFORE BEING PULVERISED INTO A PASTE USING INDUSTRIAL BLOWERS.



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AFTER THAT, IT'S TIME TO FERMENT, WHICH TAKES 24 HOURS AT 30-35 DEGREES CELSIUS WITH CONSTANT STIRRING. FOLLOWING FERMENTATION, IT UNDERGOES A DRYING PROCESS THAT REDUCES THE MOISTURE CONTENT FROM 20% TO 10%. SOLAR OR MECHANICAL DRIERS MIGHT BE EMPLOYED DEPENDING ON THE SITUATION. ROASTING IS THE NEXT STEP IN THE COCOA PROCESSING UNIT.

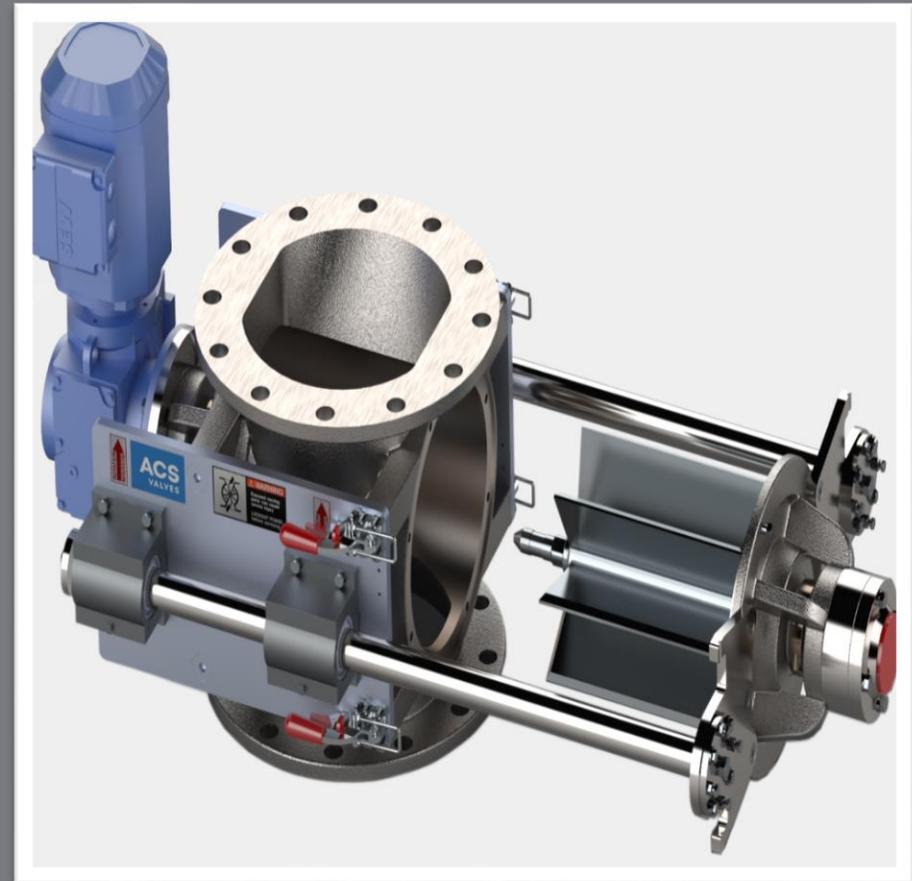


Machinery Photographs

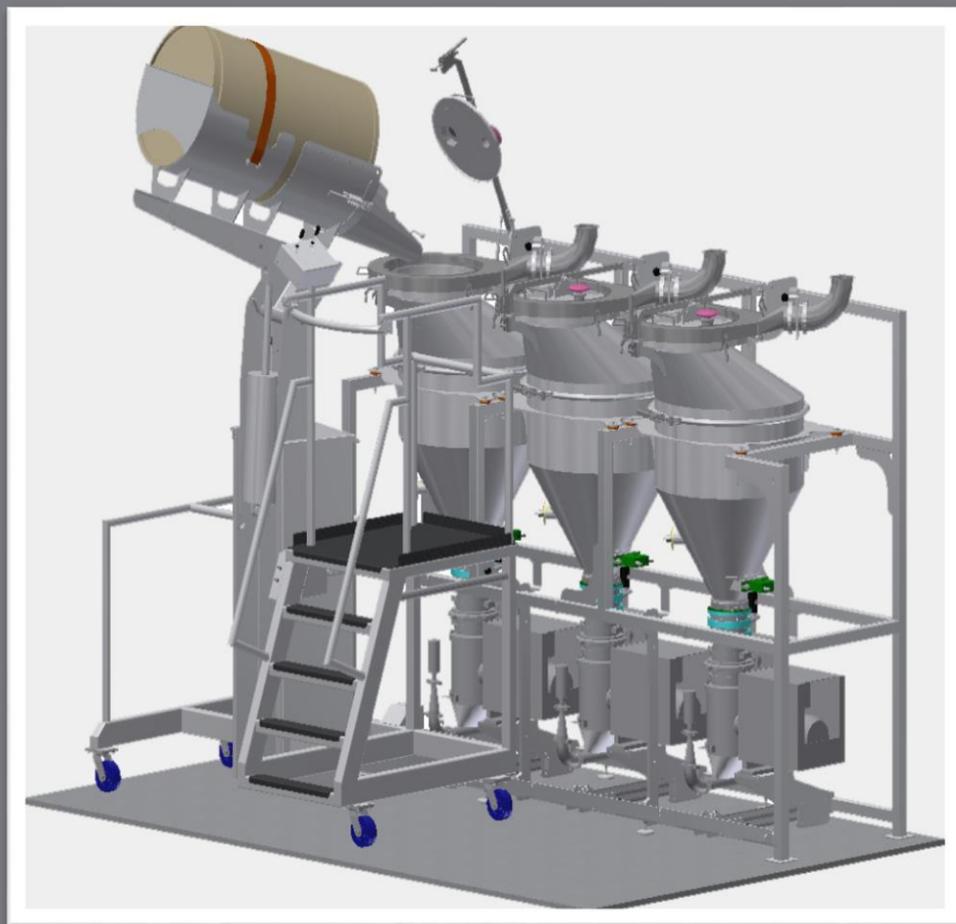
PRODUCTION LINE



ROTARY VALVE



HOPPER SYSTEM



BUCKET ELEVATOR



Market Outlook

IN 2020, THE WORLDWIDE COCOA PROCESSING MARKET IS EXPECTED TO REACH 4.46 MILLION TONNES. BECAUSE COCOA BUTTER AND POWDER ARE USED IN THE PRODUCTION OF CHOCOLATE AND OTHER CHOCOLATE GOODS, THE MARKET IS CURRENTLY GROWING DUE TO INCREASED DEMAND FOR THESE ITEMS.

A top-down view of a small metal bowl filled with smooth, dark chocolate. The bowl is surrounded by several cocoa beans, some whole and some broken into shavings, scattered on a dark, textured surface. A single green cocoa leaf is also visible near the bowl.

BETWEEN 2021 AND 2026, THE GLOBAL COCOA PROCESSING MARKET IS PREDICTED TO INCREASE AT A CAGR OF APPROXIMATELY 1.3 PERCENT, REACHING A VOLUME OF AROUND 4.76 MILLION TONNES. COCOA IS STILL A VITAL INGREDIENT IN THE CHOCOLATE, CULINARY, AND BEVERAGE INDUSTRIES.

FLAVONOIDS LIKE THEOBROMINE AND PROANTHOCYANIDINS, WHICH ARE WELL-KNOWN FOR THEIR ANTI-AGING, ANTIOXIDANT, AND ANTI-INFLAMMATORY QUALITIES, ARE ABUNDANT IN COCOA BEANS. THEY ALSO AID TO LOWER THE RISK OF HEART FAILURE, ARRHYTHMIA, AND CARDIOMYOPATHY, WHICH ARE ALL CARDIOVASCULAR ILLNESSES.



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AS A RESULT OF THESE CHARACTERISTICS, DEMAND FOR COCOA-BASED PRODUCTS, SUCH AS ENERGY BARS, HAS INCREASED AMONG HEALTH-CONSCIOUS CUSTOMERS. APART FROM FOOD, COCOA IS USED IN NON-FOOD BUSINESSES SUCH AS PERSONAL CARE.

- **Related Feasibility Study Reports:** [Food Processing and Agriculture Based Projects, Snack Food, Frozen Food, Agro Processing Technology, Processed Food, Instant Food, Food Industry, Food Preservation, Canned Food, Packed Food, Ready to Eat Food, Cereal Food, Pickle, Spices, Grain Milling](#)





COCOA BUTTER IS A POPULAR INGREDIENT IN OVER-THE-COUNTER SKIN CARE PRODUCTS SUCH AS SOAP BARS, LOTIONS, CREAMS, AND LIP BALMS BECAUSE IT MOISTURISES THE SKIN. COCOA PRODUCTS ARE ALSO EMPLOYED IN THE PHARMACEUTICAL BUSINESS AS FLAVOURING AGENTS AND COATINGS ON MEDICINES AND VITAMINS.

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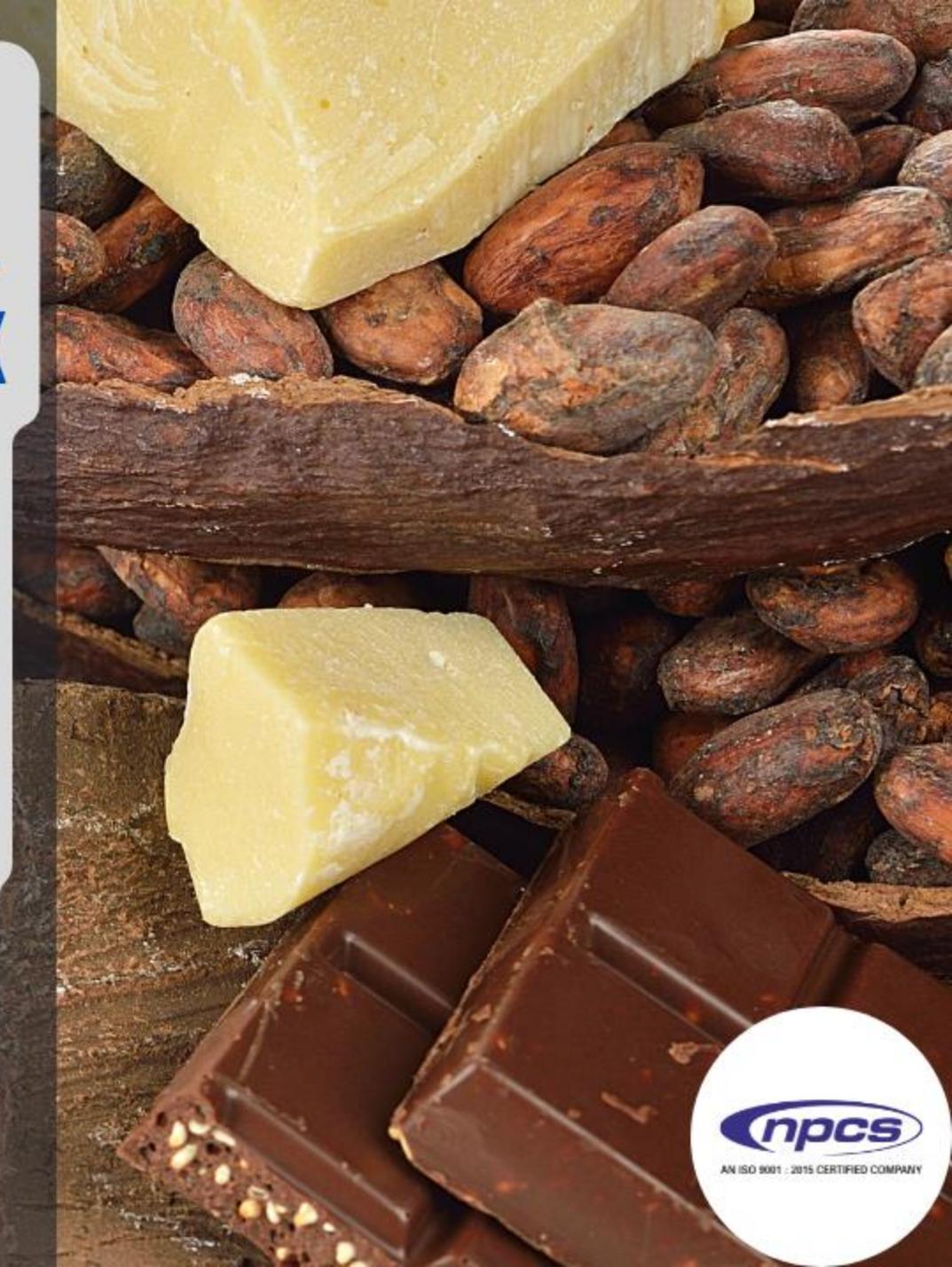
Advantages of Starting This Business

BECAUSE COCOA IS IN SUCH HIGH DEMAND AS A CHOCOLATE COMPONENT, PROFIT MARGINS FOR COCOA ARE EXTRAORDINARILY LARGE. DESPITE THE FACT THAT COCOA IS NATURALLY BITTER, ITS POPULARITY IN MODERN SOCIETY HAS LED TO IT BEING ALMOST EXCLUSIVELY LINKED WITH SWEET ITEMS AND CHOCOLATE.

Demand



SELLING FARM PRODUCE OR HIGH-PRICED GOLD AND DIAMONDS IS LESS PROFITABLE. COCOA BEANS CAN BE PURCHASED IN BULK FROM LOCAL FARMERS, PROCESSED INTO CHOCOLATE, AND PROFITED FROM. AS A RESULT, MANY PEOPLE IN A LOW-INCOME NEIGHBOURHOOD WILL BE ABLE TO FIND JOBS. THE DEMAND FOR COCOA GOODS THAT HAVE BEEN PROCESSED IS RAPIDLY INCREASING.



THE PROFIT MARGIN PER KILOGRAMME OF PROCESSED PRODUCT IS EXTRAORDINARILY HIGH WHEN COMPARED TO OTHER SMALL SCALE INDUSTRIES SUCH AS CHICKEN FARMING AND FISH FARMING, WHICH NEED LESS INVESTMENT BUT YIELD LOW PROFITS. SO, EVEN IF YOU DON'T HAVE A LOT OF CASH, YOU MAY START A COCOA PROCESSING FIRM AND PROFIT HANDSOMELY. BECAUSE MOST OF OUR BASIC COMPONENTS ARE AVAILABLE LOCALLY, WE DON'T NEED TO IMPORT ANYTHING EXCEPT SUGAR AND PACKAGING MATERIAL.



THE BEST PART IS THAT ONCE YOU'VE SET UP YOUR UNIT, YOU'LL BE ABLE TO GENERATE A STEADY INCOME WITHOUT HAVING TO PUT IN A LOT OF EFFORT. IMAGINE GETTING A BAG FULL OF CASH EVERY WEEK WITHOUT PUTTING IN MUCH EFFORT OR TIME!

➤ *Read our Books Here: [Agriculture, Agro Based, Cereal Food, Milk, Cocoa, Chocolate, Ice Cream, Plantation, Farming, Food & Beverages, Fruits, Dairy, Confectionery, Vegetables, Spices, Oils & Fats, Bakery, Snacks, Fisheries, Meat, Coconuts, Potato and Potato Products, Rice Cultivation and Processing, Tea, Beekeeping and Honey Processing](#)*



Key Players

- *Ambriona Cacao Blends Pvt. Ltd.*
- *Candico (I) Ltd.*
- *Dugar Overseas Pvt. Ltd.*
- *Dukes Consumer Care Ltd.*
- *Ferrero India Pvt. Ltd.*
- *Gandour India Food Processing Pvt. Ltd.*

Project at a Glance

COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	83.85	83.85	Capital	0.00	605.47	605.47
Buildings	0.00	378.00	378.00	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	1581.65	1581.65	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	6.50	6.50	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	79.50	79.50	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	20.00	20.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits Preliminary& Pre-operative Exp	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	1816.42	1816.42
Provision for Contingencies	0.00	154.17	154.17	Debentures / Bonds	0.00	0.00	0.00
Margin Money - Working Capital	0.00	114.72	114.72	Unsecured Loans/Deposits	0.00	0.00	0.00
TOTAL	0.00	2421.89	2421.89	TOTAL	0.00	2421.89	2421.89

Year	Annualised		Book Value	Debt	Dividend	Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/Book Value
	EPS	CEPS				Per Share					
						%		%		No.of Times	
1-2	5.48	10.56	15.48	24.00	0.00	100.00	5.48	0.00	5.48	1.00	0.00
2-3	7.75	12.11	23.22	18.00	0.00	100.00	7.75	0.00	7.75	1.00	0.00
3-4	10.06	13.80	33.28	12.00	0.00	100.00	10.06	0.00	10.06	1.00	0.00
4-5	12.36	15.58	45.64	6.00	0.00	100.00	12.36	0.00	12.36	1.00	0.00
5-6	14.63	17.41	60.27	0.00	0.00	100.00	14.63	0.00	14.63	1.00	0.00

Year	D. S. C. R.			Debt / - Deposits Debt	Equity as- Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnov er Ratio	Current Ratio
	Individu al	Cumulati ve	Overall					GPM	PBT	PAT	Net Contrib ution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%		%		
Initial				3.00	3.00									
1-2	1.52	1.52		1.55	1.55	2.17		14.74%	9.20%	7.17%	1465.73	31.70%	1.57	1.03
2-3	1.75	1.63		0.78	0.78	1.25		16.97%	12.64%	8.69%	1628.35	30.19%	1.71	1.39
3-4	2.03	1.75	2.04	0.36	0.36	0.74		18.49%	15.10%	9.88%	1859.03	30.15%	1.77	1.77
4-5	2.37	1.89		0.13	0.13	0.44		19.54%	16.87%	10.79%	2089.70	30.13%	1.75	2.19
5-6	2.79	2.04		0.00	0.00	0.26		20.27%	18.17%	11.50%	2320.38	30.11%	1.68	3.64

BEP**BEP - Maximum Utilisation Year****5****Cash BEP (% of Installed Capacity)****31.84%****Total BEP (% of Installed Capacity)****39.07%****IRR, PAYBACK and FACR****Internal Rate of Return .. (In %age)****26.04%****Payback Period of the Project is (In Years)****2 Years 3 Months****Fixed Assets Coverage Ratio (No. of times)****6.325**

- 1. What is Cocoa Processing Unit Manufacturing industry ?**
- 2. How has the Cocoa Processing Unit Manufacturing industry performed so far and how will it perform in the coming years ?**
- 3. What is the Project Feasibility of Cocoa Processing Unit Manufacturing Plant ?**
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- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Cocoa Processing Unit Manufacturing plant ?**
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TAGS

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#CocoaProcessingUnit #CocoaButter

#CocoaButterManufacturing, #CocoaCouverture

#CocoaPowder #CocoaPowderManufacturing

#ChocolateSyrups

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

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](#)

Visit:- <https://www.entrepreneurindia.co/complete-project-list>

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](#)

Who are we?

A trusted and leading name in the industry, we have been putting forth exceptionally integrated and comprehensive technical consultancy services. We believe that project consultancy serves as a critical element for the success of your projects. Moreover, we keep in mind that no client is the same and nor are the requirements. Therefore, we ensure uniqueness in every service you avail from us.

- **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

Who do we Serve?

- Public-sector Companies
- Corporates
- Government Undertakings
- Individual Entrepreneurs
- NRI's
- Foreign Investors
- Non-profit Organizations, NBFC's
- Educational Institutions
- Embassies & Consulates
- Consultancies
- Industry / trade associations

Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

- Ayurvedic And Herbal Medicines, Herbal Cosmetics
- Alcoholic And Non Alcoholic Beverages, Drinks
- Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin
- Activated Carbon & Activated Charcoal
- Aluminium And Aluminium Extrusion Profiles & Sections,
- Bio-fertilizers And Biotechnology
- Breakfast Snacks And Cereal Food
- Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling
- Bamboo And Cane Based Projects
- Building Materials And Construction Projects
- Biodegradable & Bioplastic Based Projects
- Chemicals (Organic And Inorganic)
- Confectionery, Bakery/Baking And Other Food
- Cereal Processing
- Coconut And Coconut Based Products
- Cold Storage For Fruits & Vegetables
- Coal & Coal Byproduct
- Copper & Copper Based Projects

- Dairy/Milk Processing
- Disinfectants, Pesticides, Insecticides, Mosquito Repellents,
- Electrical, Electronic And Computer based Projects
- Essential Oils, Oils & Fats And Allied
- Engineering Goods
- Fibre Glass & Float Glass
- Fast Moving Consumer Goods
- Food, Bakery, Agro Processing
- Fruits & Vegetables Processing
- Ferro Alloys Based Projects
- Fertilizers & Biofertilizers
- Ginger & Ginger Based Projects
- Herbs And Medicinal Cultivation And Jatropha (Biofuel)
- Hotel & Hospitality Projects
- Hospital Based Projects
- Herbal Based Projects
- Inks, Stationery And Export Industries
- Infrastructure Projects
- Jute & Jute Based Products

- Leather And Leather Based Projects
- Leisure & Entertainment Based Projects
- Livestock Farming Of Birds & Animals
- Minerals And Minerals
- Maize Processing(Wet Milling) & Maize Based Projects
- Medical Plastics, Disposables Plastic Syringe, Blood Bags
- Organic Farming, Neem Products Etc.
- Paints, Pigments, Varnish & Lacquer
- Paper And Paper Board, Paper Recycling Projects
- Printing Inks
- Packaging Based Projects
- Perfumes, Cosmetics And Flavours
- Power Generation Based Projects & Renewable Energy Based Projects
- Pharmaceuticals And Drugs
- Plantations, Farming And Cultivations
- Plastic Film, Plastic Waste And Plastic Compounds
- Plastic, PVC, PET, HDPE, LDPE Etc.

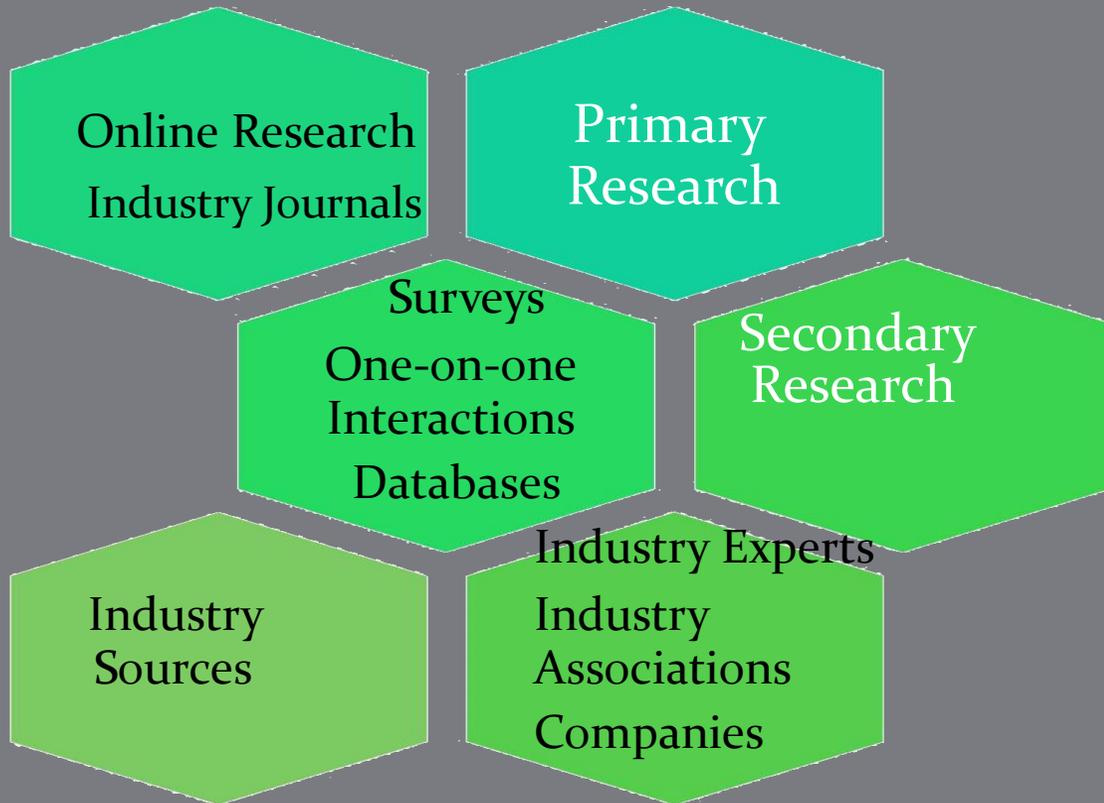
- Potato And Potato Based Projects
- Printing And Packaging
- Real Estate, Leisure And Hospitality
- Rubber And Rubber Products
- Soaps And Detergents
- Stationary Products
- Spices And Snacks Food
- Steel & Steel Products
- Textile Auxiliary And Chemicals
- Township & Residential Complex
- Textiles And Readymade Garments
- Waste Management & Recycling
- Wood & Wood Products
- Water Industry(Packaged Drinking Water & Mineral Water)
- Wire & Cable

- To get a detailed scenario of the industry along with its structure and classification
- To provide a comprehensive analysis of the industry by covering aspects like:
 - Growth drivers of the industry
 - Latest market trends
 - Insights on regulatory framework
 - SWOT Analysis
 - Demand-Supply Situation
 - Foreign Trade
 - Porters 5 Forces Analysis
- To provide forecasts of key parameters which helps to anticipate the industry performance
- To help chart growth trajectory of a business by detailing the factors that affect the industry growth
- To help an entrepreneur/manager in keeping abreast with the changes in the industry
- To evaluate the competitive landscape of the industry by detailing:
 - Key players with their market shares
 - Financial comparison of present players

- Venturist/Capitalists
- Entrepreneur/Companies
- Industry Researchers
- Investment Funds
- Foreign Investors, NRI's
- Project Consultants/Chartered Accountants
- Banks
- Corporates

[Click here for list](#)

Data Sources



Scope & Coverage



✧ Our research team comprises of experts from various financial fields:

✧ MBA's

✧ Industry Researchers

✧ Financial Planners

✧ Research veterans with decades of experience



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Take a look at **NIIR PROJECT CONSULTANCY SERVICES** on #StreetView

[google-street-view](https://www.google.com/maps/@28.6448127,77.0332721,15z)

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A close-up photograph of a hand holding a blue fountain pen, writing the words 'Thank you!' in a cursive script. The pen is positioned at the end of the word 'you!', with the nib touching the paper. The background is a soft, out-of-focus light gray.

Thank you!

For more information, visit us at:

www.entrepreneurindia.co

www.niir.org