

Industrial Project Profiles for Prospective Entrepreneur



Mattress & Quilt

- A mattress is a large pad for supporting the reclining body, used as or on a bed. Mattresses may consist of a quilted or similarly fastened case, usually of heavy cloth, that contains hair, straw, cotton, foam rubber, etc.; a framework of metal springs; or they may be inflatable.
- A quilt is a type of blanket, traditionally composed of three layers of fiber: a woven cloth top, a layer of batting or wadding, and a woven back, combined using the technique of quilting. A quilt is distinguishable from other types of blanket because it is pieced together with several pieces of cloth. "Quilting" refers to the technique of joining at least two fabric layers by stitches or ties. In most cases, two fabric layers surround a middle layer of batting (cotton, polyester, silk, wool or combinations of fibers) which is a lighter, insulating layer. Batting is often referred to as "wadding" in Britain. Some modern quilts are made with an upper fabric layer, quilted to a layer of microfleece, perhaps without a fabric backing. The most decorative fabric surface is called the "top", and is the design focus. A single piece of fabric (a "whole cloth quilt") may be used as the top, or the top may be "pieced" from smaller fabric pieces. Sewing together smaller pieces of fabric into a larger patchwork "block" of fabric creates the basic unit.

Cold Storage

- India is the largest producer of fruits and second largest producer of vegetables in the world. Fruits & vegetables, being perishable in nature require certain techniques of preservation for retaining the freshness intact and making them an acceptable item even after few days of ripening. It also facilitates the farmer to realize a better price instead of selling the product at a throw away price due to the perishability. This necessity has evolved a new concept of storing these items at below or just above sub-zero temperatures known as cold storage. Introduction of Cold storage / Cold room facility will help them in removing the risk of distress sale and simultaneously will ensure better returns.
- Cold Storage is a special kind of room, the temperature of which is kept very low with the help of machines and precision instruments. India is having a unique geographical position and a wide range of soil, thus producing variety of fruits and vegetables like apples, grapes, oranges, potatoes, chillies, ginger, etc. Marine products are also being produced in large quantities due to large coastal areas. As per 2008-09 figures, India produces around 215 Million Tons of Fruits and Vegetables, 3 Billion Tons of Marine Products, 109 Million Tons of Milk, 56 Billion Eggs and 38 Million Tons of Meat per annum.

PVC Wire & Cables

- The generation, transmission, and distribution of power involve electrical facilities, apparatus, and components, to carry the electrical energy from its generating site to where it is utilized. An important part of this power system is the cable system that is used exclusively to carry power from the main substations to secondary substations at load centers. Low-voltage cable is used to distribute power from the load centers to utilization equipment in conduits and ducts, even though other methods such as cable trays, direct burial for outdoor applications, and aerial cable are used. Electrical, mechanical, and environmental considerations are the main factors in selecting and applying cable systems for distribution and utilization of electrical power.
- Power cable industry in India is eyeing an estimated Rs 50 bn market to unfold. About 78,000 MW of power generation capacity and 60,000 circuit km of transmission network are projected to be added by 2012 according to the Eleventh Five Year Plan. Capex required for every MW of power generating capacity is about Rs 40 mn. Expenditure required in the Eleventh Five Year Plan for power generation has been estimated at Rs 270 bn. As a whole it is a good project for entrepreneurs to invest.

Maize Processing

(Glucose, Sorbitol and Oil)

- Glucose is a monosaccharide (or simple sugar) also known as grape sugar, blood sugar, or corn sugar, is a very important carbohydrate in biology. The living cell uses it as a source of energy and metabolic intermediate. Glucose is one of the main products of photosynthesis and starts cellular respiration in both prokaryotes (bacteria and archaea) and eukaryotes (animals, plants, fungi, and protists).
- Corn oil (maize oil) is oil extracted from the germ of corn (maize). Its main use is in cooking, where its high smoke point makes refined corn OIL a valuable frying oil. It is also a key ingredient in some margarines. Corn oil is generally less expensive than most other types of vegetable oils. The corn contains corn oil 2.8% by weight.
- Corn oil is also a feedstock used for biodiesel. Other industrial uses for corn oil include soap, salve, paint, rust proofing for metal surfaces, inks, textiles, nitroglycerin, and insecticides. It is sometimes used as a carrier for drug molecules in pharmaceutical preparations.

Solar Panel

- A solar panel is a collection of solar cells. Lots of small solar cells spread over a large area can work together to provide enough power to be useful. The more light that hits a cell the more electricity it produces, so spacecraft are usually designed with solar panels that can always be pointed at the Sun even as the rest of the body of the spacecraft moves around, much as a tank turret can be aimed independently of where the tank is going.
- The PV MARKET has been on an upward trend for years now. The market is expected to continue to grow until 2050. The demand far outstrips supply and there is a huge gap to be filled. In India, there is about 1.4 GW of module manufacturing capacity and this is expected to increase in the future since the solar PV segment is one part of the entire value chain where the barriers to entry is relatively low. Thus, as an entrepreneur, solar module production offers an exciting opportunity to you.

SCHOOL (CBSE Pattern)

- Education is today identified among basic needs, as essential for an individual's survival as 'food, clothing and shelter.' The need for education has been recognized in all parts of the country and among all sections of society. Education brings success and success translates into social recognition. Though we have developed well in higher education system, a limited infrastructure facility is there in most of the educational institutions.
- Opening school in India is a herculean task, however more and more people are entering in school business; for the demand for school appears unending in India. The promising business opportunity can be discovered in the light of absence of quality school, growing population, and increasing desire to provide quality education to one's children.

Medical College with Hospital

- A medical college is meant to impart education of medical field to students to qualify them as doctors in different specialized disciplines so as to treat patients suffering from various ailments. Doctors with their dedicated spirit serve the nation at large by providing medication and treatment for eradication of diseases, which exchange health and add suffering to humanity. Normally a medical college is associated with a hospital. Hospitals provide the facilities of O.P.D. and admission for seriously ill seriously injured, seriously burnt and pregnant ladies, casualties etc.
- A private hospital is a place where one may get treatment from ordinary fever to a major surgery operation. As a matter of fact, no limitation has been made for the facilities available in a hospital. However, generally all private hospitals are provided with latest facilities and ultra modern machines. In a hospital, surgeons, physicians, E.N.T., specialists, children specialist, Eye-surgeon, psychologists and sex-specialist are essential.

Milk Powder

(SMP, WMP and Dairy Whitener)

- Powdered milk is a dairy product produced from cow milk. Cow milk basically contains water, fats, protein sugar and ash. About 86% to 88% of cow milk by weight is water. Milk powder is prepared by skimming the milk whereby a considerable but proportional cream substance is extracted before it is powdered. The processed milk powder, after some vitamins are added is packed in fully galvanized metal cans or plastic bags.
- Dairy Whitener is an alternative to making availability of condensed milk more convenient for people. In a vast country like India, any product's availability is a matter of concern. The Dairy Whitener is prepared to keep intact the richness, smoothness and original taste which when added to tea or coffee adapts well. It is primarily preferred for being fat free with the process of skimming done in confirmation with the highest standards of quality.
- India is a major consumer of tea and coffee, which offers a very large market for dairy creamers. In addition to domestic consumption, the whiteners/creamers find a high level of institutional acceptance, especially by railways; hotels and restaurants; airlines; hospitals and nursing homes; and corporate offices. Any entrepreneur venture into this field will be successful.

Instant Tea

- Tea is cultivated primarily in the Asian countries, and world's largest producers of tea are India, Sri Lanka, and China. The tea plant is similar to the coffee plant, in that it is an evergreen tree or bush which grows chiefly in the tropics or in subtropical regions of the world. Tea plants require regular but moderate rainfall.
- Black tea is generally prepared by subjecting green tea leaves to various process conditions such as withering, rolling, disintegrating, fermenting, firing etc, during which enzymatic reactions are initiated in the tea leaves and the characteristic aroma, colour and flavour of black tea are developed. Black tea extract is produced by treating black tea leaves with warm water. The extract produced contain soluble tea solids as well as insoluble solids. The insoluble solids are discarded and the supernatant is processed further to recover any left over desirable tea properties such as flavor, aroma etc.
- Instant tea is not a new concept but somehow or other it has not received as much popularity as instant coffee. In India there are only two manufacturers of instant tea, namely Food Specialities Ltd., and Tata Teas Ltd. Food Specialities has a pilot plant and has not yet started with commercial production.

Barium Carbonate

from Barium Sulphate

- Barium carbonate (BaCO_3), also known as Witherite, is an important material in industry for producing barium salts, pigment, optical glass, ceramic, electric condensers, as well as its close relationship with aragonite, biomineral and its use as a precursor for magnetic ferrites and/or ferroelectric materials. Witherite crystallizes in the orthorhombic system. The crystals are invariably twinned together in groups of three, giving rise to pseudo-hexagonal forms somewhat resembling bipyramidal crystals of quartz, the faces are usually rough and striated horizontally.
- The good largest use for BaCO_3 is in brick and clay products. The barium ion reacts with sulfate ions to prevent their precipitation on the surface of the brick, tile, or other product. The appearance of the white precipitate is called blooming or scumming. The average usage is 4 to 6 lb BaCO_3 per 1000 bricks produced which is usually a large excess over the stoichiometric amount. BaCO_3 is also used as a component in frits and glazes for coating of chinaware and steel ware such as stoves and refrigerators.

Blood Bags

- Blood bag is a disposable bio-medical device used for collection, storage, transportation and transfusion of human blood and blood components. The system consists of a single or multiple bag connected with tubings, needle, needle cover, clamp etc. The Blood Bags are made of plastic-material, which are compatible with blood.
- Blood Bags can successfully replace the use of glass bottles for collection storage, transportation and transfusion of blood and blood components since bottles require exhaustive cleaning, rinsing and autoclaving procedures and there are chances of breakage at any stage. Further, use of disposable bags eliminates the possibility of any contamination.
- Blood bags contain an anticoagulant solution and a red blood cell preservative solution, and are used in blood banks which both collect donor blood and separate blood components. Blood bags are made from imported, medical grade PVC granules & sheets in Class 10000 Clean room environments.

Precipitated Calcium Carbonate

- Sizing Precipitated Calcium Carbonate (PCC)—also known as purified, refined or synthetic calcium carbonate. It has the same chemical formula as other types of calcium carbonate, such as limestone, marble and chalk: CaCO_3 . The calcium, carbon and oxygen atoms can arrange themselves in three different ways, to form three different calcium carbonate minerals. The most common arrangement for both precipitated and ground calcium carbonates is the hexagonal form known as calcite.
- According to GIA, Global market for Calcium Carbonate is projected to reach 94 million tons by 2018, driven by the rising consumption in paper and plastic industries and the growing demand for PCC and GCC in Asia-Pacific, Latin America, and the Middle East. Calcium Carbonate (CaCO_3) is an inorganic mineral that finds extensive use as functional and commercial filler in plastic, paper, rubber, coatings, light chemicals, and architectural materials, among others. Growth in the Precipitated Calcium Carbonate (PCC) market would be driven by the increasing number of paper mills and rising demand from plastics sector. Any entrepreneur venture into this field will be successful.

Contact Adhesive

- An adhesive is any substance applied to the surfaces of materials that binds them together and resists separation. The term "adhesive" may be used interchangeably with glue, cement, mucilage, or paste. Adjectives may be used in conjunction with the word "adhesive" to describe properties based on the substance's physical or chemical form, the type of materials joined, or conditions under which it is applied.
- Applicators of different adhesives are designed according to the adhesive being used and the size of the area to which the adhesive will be applied. The adhesive is applied to either one or both of the materials being bonded. The pieces are aligned and pressure is added to aid in adhesion and rid the bond of air bubbles. Polychloroprene contact adhesives are used for bonding high-pressure laminates, automotive trim, roofing-membrane attachment, furniture, kitchen cabinets, custom display cabinets, interior and exterior panels, wall partitions, shoe soles, and many other applications where quick, high-strength, permanent bonds are needed. Thus, as an entrepreneur, contact adhesive production offers an exciting opportunity to you.

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Contact us

Niir Project Consultancy Services

106-E, Kamla Nagar, New Delhi-110007, India.

Email: npcs.india@gmail.com , info@niir.org

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

Mobile: +91-9811043595

Fax: +91-11-23841561

Website :

www.niir.org

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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

What do we offer?

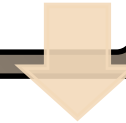
- Project Identification
- Detailed Project Reports/Pre-feasibility Reports
- Market Research Reports
- Technology Books and Directory
- Databases on CD-ROM
- Laboratory Testing Services
- Turnkey Project Consultancy/Solutions
- Entrepreneur India (An Industrial Monthly Journal)

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

Our Approach

Requirement collection



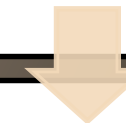
Thorough analysis of the project



Economic feasibility study of the Project



Market potential survey/research



Report Compilation

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

Sectors We Cover

- 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

Sectors We Cover *Cont...*

- 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

Sectors We Cover *Cont...*

- 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

Sectors We Cover *Cont...*

- Fruits & Vegetables Processing
- Ferro Alloys Based Projects
- Fertilizers & Biofertilizers
- Ginger & Ginger Based Projects
- Herbs And Medicinal Cultivation And Jatropha (Biofuel)
- Hotel & Hospitability Projects
- Hospital Based Projects
- Herbal Based Projects
- Inks, Stationery And Export Industries

Sectors We Cover *Cont...*

- 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.

Sectors We Cover *Cont...*

- 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.

Sectors We Cover *Cont...*

- 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

Sectors We Cover *Cont...*

- Township & Residential Complex
- Textiles And Readymade Garments
- Waste Management & Recycling
- Wood & Wood Products
- Water Industry(Packaged Drinking Water & Mineral Water)
- Wire & Cable

Contact us

Niir Project Consultancy Services

106-E, Kamla Nagar, New Delhi-110007, India.

Email: npcs.india@gmail.com , info@niir.org

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

Mobile: +91-9811043595

Fax: +91-11-23841561

Website :

www.niir.org

www.entrepreneurindia.co

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