

Industrial Investment and Technology Project Profiles



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- Plastic Collapsible Tubes
- Shrimp Farming (E.O.U.)
- Carbon Fiber

Detailed Project Report on Grain & Potato Based Vodka Distillery

- Vodka is a neutral spirit that is without distinctive character, aroma, taste, or color. These properties are developed during the distillation process or by treating crudely distilled spirits with activated carbon or other materials. Finely distilled vodka may also be further purified and refined by treatment with activated carbon and other materials. Vodka is usually not aged and can be made from grains, potatoes, sugars, fruits, and just about anything else that can be fermented to produce alcohol. This makes vodka an economical spirit that can be made easily in a short amount of time from readily available materials.
- It is made by fermenting and then distilling the simple sugars from a mash of pale grain or vegetal matter. Vodka is produced from grain, potatoes, molasses, beets, and a variety of other plants. Rye and wheat are the classic grains for Vodka, with most of the best Russian Vodkas being made from wheat.
- Vodka is produced in India by very few brands; hence this list includes mostly IMFL (Indian Made Foreign Liquor) and imported brands available in the market currently. Therefore, it is a good project for entrepreneurs to invest.

Detailed Project Report on

Edible Nuts Processing & Packing

(Peanuts, Cashew Nuts, Almonds and Pistachio)

Edible nuts are used by mankind for food, edible oils, spices, condiments or beverages. They have been an important food source from prehistoric times and are among the most nutritionally concentrated of human foods, high in protein, oil, energy, minerals vitamins. Nuts that are only rarely used as famine food have been excluded from this present study the paucity information normally considered edible. Nuts used solely for spices or condiments have also been largely excluded since they are used sparingly, to flavour food and not as a food; traditionally they are considered separately from edible nuts.

Groundnuts are widely cultivated as staple food in tropical and sub-tropical developing countries, providing a valuable source of proteins, fats, energy and minerals. Most of the world's groundnuts are produced and consumed in developing countries. Less than 6% of the world production is exported. The positioning of the largest net exporters has shifted considerably during the last six years. China, although it has become the largest producer. India has always been a major player in the production of cashew.

Detailed Project Report on Autoclaved Aerated Concrete (AAC Blocks)

- Autoclaved Aerated Concrete (AAC) is a non-combustible, lime-based, cementitious building material that is expanding into new worldwide markets. As a single-component building material, AAC has achieved acceptance in new markets throughout the world. This is a light-weight building material produced by autoclaving a set mix of fine siliceous materials such as ground sand or fly ash and a binder like Portland cement or lime.
- Autoclaved Aerated Concrete (AAC) products are 4 times lighter in weight than ordinary concrete. Its characteristic structure comprising millions of tiny pores, it offers optimum solidity at low weight. As air has a low heat conductivity, aerated concrete provides for excellent thermal protection. It protects from cold and heat, allowing for single-shell constructions which provide more space, save time and reduce costs-aspects which are of considerable importance to property developers.

Detailed Project Report on Bicycle Tubes

- Bicycle tubes are the backbone of the bicycle industries. Few numbers of companies in organized sector are engaged in the quality grade cycles tyres and tubes and few unorganized sector also engaged to manufacturing bicycle tyre and tubes. An inner tube is basically a doughnut-shaped balloon, with a valve for inflation. The only requirement for an inner tube is that it should not leak. Being rubber, they have no rigid structure. If an inner tube is inflated outside of a tire, it will expand to 2 or 3 times its nominal size, if it doesn't explode first.
- As bicycle continues to be the most popular mode of transport both in urban and rural areas, the demand for bicycle tubes is likely to increase day by day. Moreover, this is a labour intensive type of unit and can be located in rural areas solving rural unemployment problem. Small scale bicycle tube unit can also function as ancillaries to establish large scale manufacturers. As a whole it is a good project for entrepreneurs to invest.

Detailed Project Report on Iron Ore Mining (E.O.U)

An 'Ore' may be defined as the aggregate of minerals from which a desired constituent mineral can be extracted with profit. The most used of all metals "Iron" is believed to be the ninth most abundant element in the Universe. The tough stuff "Iron" makes up the earth's core and is considered to be the base of civilization. The concentration of iron in the structure of the earth ranges from almost 80% in the inner core to about 5% in the outer crust. Iron is not found in the free elemental state.

Iron ore is used mainly for making pig iron, sponge iron and steel. Iron and steel together form the largest manufactured products in the world and each of them enters into each branch of industry and is a necessary factor in every phase of our modern civilization. The Global Iron Ore Mining industry's financial performance has been highly volatile over the past five years. Thus, due to demand it is a good project for entrepreneurs to invest.

Detailed Project Report on Iron Ore Mining (E.O.U)

- Lime, magnesia, strontium, and baryts were found to have alkaline reactions and were called alkaline earths. The alkaline earth metal includes magnesium, calcium, strontium, and barium. All the alkali metals react with dilute acids like Sulfuric acid, Hydrochloric acid etc. to form their salts. Magnesium reacts with Sulfuric acid to form magnesium Sulphate.
- Magnesium Sulphate is available as brilliant colourless crystals, granular crystalline powder or white powder with a bitter salty cooling taste. Crystals effloresce in warm, dry air. It is freely soluble in water, very soluble in boiling water, and sparingly soluble in alcohol. Magnesite (40% MgO) is the raw material used for manufacturing magnesium sulphate. It can be used directly as a Mg fertiliser only in very acid soils for long-duration crops.

Detailed Project Report on Lubricants Blending Plant (*Lubricants/Grease*)

- A lubricant is a substance introduced to reduce friction between moving surfaces. It may also have the function of transporting foreign particles. The property of reducing friction is known as lubricity. (Slipperiness). A good lubricant possesses the following characteristics: High boiling point , Low freezing point ,High viscosity index , Thermal stability , Corrosion prevention , High resistance to oxidation. Lubricants are typically used to separate moving parts in a system. This has the benefit of reducing friction and surface fatigue, together with reduced heat generation, operating noise and vibrations.
- Throughout the world, industrial applications account for most of the grease used for railroad, general manufacturing, steel production and mining predominate Among automotive applications, trucks and buses account for the majority of grease used, followed by agricultural/construction equipment and passenger cars.

Detailed Project Report on Transmission Tower & Tele Communication Tower with Galvanizing Plant

- A transmission tower (colloquially termed an electricity pylon in the United Kingdom and parts of Europe, an ironman in Australia, and a hydro tower in English Canada) is a tall structure, usually a steel lattice tower, used to support an overhead power line. They are used in high-voltage AC and DC systems, and come in a wide variety of shapes and sizes.
- Transmission towers constitute a major component of infrastructure for the power sector. These carry the load of power conductors. With the expansion of power generation, the length of transmission and distribution lines has also gone up. Any entrepreneur venture into this field will be successful.

Detailed Project Report on Tractor Manufacturing

Tractor is one of the most important farm machineries. We can say that tractor is the forehead of the farming industry. This is the blessing of god as well as science to get largest amount crops in the limited farming land with limited time. It belongs to the automobile industry. The word "tractor" is related to words like "traction" and "tractive," from the Latin word "tractus" meaning drawing (pulling): a tractor is essentially a machine designed to pull things along, usually very slowly and surely.

Tractors have long been an essential piece of equipment on the farm. They revolutionized the agricultural industry by adding a whole new level of efficiency. Further it has eliminated the laborious work to a greater extent. Now-a-days, tractors are also used in construction, landscaping and industrial settings. Let's have a quick peep over its purpose in agricultural field as well as in non-farming field.

Detailed Project Report on Sanitary Napkins

- Sanitary Napkin comes under Nonwoven fabrics which as a whole come under technical textile. A sanitary napkin or a sanitary towel is an absorbent item used by a woman while she is menstruating or in any other situation where it is necessary to absorb a flow of blood. It also serves to protect clothing and furnishings. The Sanitary napkin industry is closely connected with the mode of life, which is in turn directly correlated to housing. Sanitary Napkins are exclusively used by adult girls & Ladies around the world during for maintaining physical aid & to avoid wetting or staining of the clothes.
- Mostly Sanitary Napkin is not reusable.
- Its use is much popular amongst the educated class of adult girls & ladies.
- India's sanitary napkin market has significant profit potential. The demand for such products is stable; purchases are recurring and not subject to normal business cycles.

Detailed Project Report on Granite Mining (E.O.U.)

- ❑ Granite is a common type of felsic intrusive igneous rock which is granular and phaneritic in texture. These rocks mainly consist of feldspar, quartz, mica, and amphibole minerals. These form interlocking somewhat equigranular matrix of feldspar and quartz with scattered darker biotite mica and amphibole (often hornblende) peppering the lighter color minerals. Granite is nearly always massive (lacking any internal structures), hard and tough, and therefore it has gained widespread use throughout human history, and more recently as a construction stone. The granite used for decorative purposes is a costly material in comparison with other materials.
- ❑ Polished granite is also a popular choice for kitchen countertops due to its high durability and aesthetic qualities. In building and for countertops, the term "granite" is often applied to all igneous rocks with large crystals.

Detailed Project Report on Plastic Collapsible Tubes

Collapsible tubes are very popular product and are made from tin sheet. Now, the tin sheet made collapsible tubes have been substituted by polythene collapsible tubes, which is gaining increasing popularity throughout India.

It is envisaged that plastic collapsible tubes have tremendous potential in our country due to their various advantages over metallic collapsible tubes. With the growth of industry, the demand for packaging products has also increased. Plastic collapsible tubes, due to their varied qualities, have become very popular for packing toiletries and cosmetics. As a whole it is a good project for entrepreneurs to invest.

Detailed Project Report on Shrimp Farming (E.O.U.)

- Shrimps are swimming, decapod crustaceans classified in the infra order Caridea, found widely around the world in both fresh and salt water. Shrimps are an important food source for larger animals from fish to whales. They have a high tolerance to toxins in polluted areas, and may contribute to high toxin levels in their predators.
- Selection for a suitable site is a critical activity and must be carefully determined before establishing of a shrimp farm. Site evaluation is not only undertaken to determine if a site is suitable for shrimp farming. It is also valuable in determining what modifications are needed concerning layout, engineering, and management practices to make shrimp farming possible at a given site.
- World production of shrimp, both captured and farmed, is around six million tones Shrimp is now the most important internationally traded fishery commodity in terms of value.

Detailed Project Report on Carbon Fiber

Carbon fibers have been under continuous development for the last 50 years. The properties of carbon fibers, such as high stiffness, high tensile strength, low weight, high chemical resistance, high temperature tolerance and low thermal expansion, make them very popular in aerospace, civil engineering, military, and motorsports, along with other competition sports. However, they are relatively expensive when compared to similar fibers, such as glass fibers or plastic fibers.

European companies consume 46% of the quantity of carbon fiber used worldwide in the aerospace and defence sector while their counterparts in the USA use a further 33%. Furthermore, 86% of the carbon fiber used in the area of sport/leisure is processed in China, a result of pricing pressure and the fact that this sector is now primarily dominated by mass production methods. The future of Carbon Fiber is very bright, with vast potential in many different industries. As a whole it is a good project for entrepreneurs to invest.

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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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Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

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- ▣ 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

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- ▣ 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

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- ▣ Dairy/Milk Processing
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- ▣ 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

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- ▣ Fruits & Vegetables Processing
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- ▣ 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

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.

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- ▣ 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

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- ▣ Wood & Wood Products
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- ▣ 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

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