

How to Select Right Project for Investment

(NPCS Newsletter – 072015)



Projects Covered in this Issue

- Camphor (Powder & Tablets)
- Biscuits & Candy
- Black Braided Silk Sutures (Non-Absorbable Surgical Suture)
- LDPE/LLDPE Pouch Films
- Readymade Garments (T-Shirt)
- Cold Rolled Sheet Mill
- Tomato Paste (Tomato Concentrate)
- Biodegradable Disposable Cups and Plates
- Pomegranate Farming
- Dragon Fruits Farming
- Stevia Farming
- Municipal Solid Waste Management
- Hospital with Teaching Facility

Detailed Project Report on Camphor (Powder & Tablets)

- ❑ Camphor (*Cinnamomum camphora*) is a white, crystalline substance with a strong odor and pungent taste, derived from the wood of camphor laurel (*Cinnamomum camphora*) and other related trees of laurel family. Camphor tree is native to China, India, Mongolia, Japan and Taiwan and a variety of this fragrant evergreen tree is grown in Southern United States; especially in Florida. Camphor is obtained through steam distillation, purification and sublimation of wood, twigs and bark of the tree.
- ❑ Camphor ($C_{10}H_{16}O$), is a naturally occurring bicyclic ketone, which is principally present in the volatile oils of camphor ex *Cinnamomum camphora* (Linn.) Nees at Ebermaier, fare. Lauraceae and of ocimum from *Ocimum kilimandscharicwn* Guerke, fare. Labiatae. Camphor used to be made by distilling the bark and wood of the camphor tree. Today, camphor is chemically manufactured from turpentine oil. It is used in products such as Vicks VapoRub. Camphor products can be rubbed on the skin (topical application) or inhaled.

Detailed Project Report on Biscuits & Candy

- Biscuits are an important product in human diet and are usually eaten with tea and are also used as weaning food for infants. Around the world Biscuits is the principal food and provides more nutrients than any other single food source. Biscuits are one of the important bakery items and can be used whole day irrespective of time. It is very common for morning breakfast and also used as snacks. Biscuits are generally classified into soft biscuits, hard biscuits and crackers.
- Biscuit doughs are made mainly from flour, fat, sugar and water, with minor amounts of flavor, colors, and aerating agents and possibly eggs and fruits.
- Candy or Sweet is the most popular type of confectionery over the world, and there is certainly something about this unique product that holds many mysterious qualities. Generally candies are available in fruit based flavors or Milk based flavor and sometimes with centre filling also. There are so many flavours available in the market i.e. orange, pineapple, mango, mint, pan, strawberry, grapes etc. and are having good demand among the children.

Detailed Project Report on Black Braided Silk Sutures (Non-Absorbable Surgical Suture)

- There are so many fibres available which has property of non absorbing among those fibres are nylon, Terelene, polyesters etc are synthetic fibre. Silk is one of the natural fibres which have no side effect on the body and costly items. Silk has large used in the preparation of gargious dresses and special type dresses. Black braided silk is one of the largely used in the silk zone. Sterile zone is defined as such a way, room is free from bacteria, a special type zone which is totally bacterial free by using micro filters or by physical method, of treatments like U.V. treatment, gama radiation treatment etc. or by the chemical treatment (like ozone treatment, chlorine treatment, etc).
- Silk thread has some specific property which can takes much more tensile stress and strains within specific thickness. It is also heat sensitive. Heating it can be condensed much more and behave like metallic threads. For manufacturing of black braided suture, there is require of silk thread, special type chemicals as raw material. There is required an oven and rotary drum for manufacturing of black braided suture.

Detailed Project Report on LDPE/LLDPE Pouch Films

- ▣ Plastic, today, is being increasingly utilized in almost every industry and activity. Its use has become indispensable due mainly to certain inherent properties like light weight, corrosion of chemical resistance etc. Plastic in many areas is not only a strong substitute but superior as well. To cite an example packaging industry now depends on plastic for packaging of milk, edible oils, snacks etc. and co-extruded films are predominantly used in this direction.
- ▣ It has been observed that in the domestic and international market, more particularly for developing countries such water pouches do not have any protection from direct sunlight exposure. Therefore, such water pouches produces offensive odour in the water within one or two days.

Detailed Project Report on Readymade Garments (T-Shirt)

- Readymade garments are a part of our daily life. Clothes are an epitome of a culture. People in different parts of the world have their own styles of dressing which symbolize their culture and status. The Readymade garments industry is increasing day by day due to changes of fashion in day to day life. The textile industry including readymade garments occupies an unique position in the Indian economy. Its predominant presence in the Indian economy is manifested in terms of its significant contribution to the industrial production, employment generation and foreign exchange earnings.
- The changes in the life style since the onset of the liberalization era, and given the base of the industry for the overseas market, Indian garments industry have taken big strides. The entry of the Indian and global fashion designers has stimulated the market further. With the rising tailoring costs and relatively low prices of standardized products, the Indian consumer is increasingly taking to readymade. In the past, the readymade market was confined mainly to baby dresses and small manila-shirts and dress shirts. Now it has extended to trousers, suits, and lady dresses and, of course, fashion garments for men and women.

Detailed Project Report on Cold Rolled Sheet Mill

- ❑ Cold Rolled Coils and Sheets are produced through the cutting-edge Cold Rolling Mill. The Cold Rolling Mills are used for pressing the alloy steel and shaping it into strip, coils and sheet form. Their application is in galvanizing and enamel ware industry and are used as basic material for making tin mill black plate food cans in the food and beverage industry.
- ❑ This means that after hot rolling and pickling, the steel is cold rolled to a reduced thickness which is then followed by annealing in a closed atmosphere of nitrogen or other non-oxidizing gases (which softens it back up while protecting it from oxidation).
- ❑ The cold rolling mills use hot rolled strips as their raw materials in widths according to the full sizes. Cold rolled M.S. strips find uses in various types of down-stream industries such as in rolling shutter, cycle, motor cycle, filter industries, pipes and tubes, chemical and plastic industries for reaction vessels, storage tanks, automobile industries etc. There is a good demand of cold rolled M.S. strips and sheets in above mentioned industries.

Detailed Project Report on

Tomato Paste

(Tomato Concentrate)

- ❑ Tomatoes are the most popular vegetable in the home garden. Tomatoes are widely grown in all parts of the world. They are available in a variety of sizes, shapes, and colors—including red, yellow, orange, and pink. Tomatoes may be round, oblate (fruit are flattened at the top and bottom), or pear-shaped. Tomatoes are low in calories and a good source of vitamin C and antioxidants. With their rich flavor and mild acidity, tomatoes have worked their way into thousands of recipes.
- ❑ Products, such as tomato paste/puree have potential demand with local fruit / vegetable processors as well as the retail market. They are an excellent sources of antioxidants, dietary fiber, minerals, and vitamins. On account of their all round qualities, dieticians and nutritionists often recommend them in cholesterol controlling and weight reduction diet programs.

Detailed Project Report on Biodegradable Disposable Cups and Plates

- ▣ Agricultural wastes constitute one of the main alternative raw materials for the pulp and paper industry. Wheat straw, bagasse, reed, and rice straw as a one of the important non-wood fibers sources for pulping and paper making. Waste disposal is one of the most important problems facing anyone who wants to live an eco-friendly lifestyle. So many of the things we use every day get tossed in the trash and end up buried at the bottom of a landfill or down cycled into less useful products.
- ▣ Bagasse is commonly used as a substitute for wood in many tropical and subtropical countries for the production of pulp, paper and board, such as India, China, Colombia, Iran, Thailand and Argentina. It produces pulp with physical properties that are well suited for generic printing and writing papers as well as tissue products but it is also widely used for boxes and newspaper production.

Detailed Project Report on Pomegranate Farming

- ❑ Pomegranate (*Punica granatum*) is an ancient favorite table fruit of tropical and sub-tropical regions of the world. The fruit is symbolic of plenty and very much liked for its cool, refreshing juice and valued for its medicinal properties. It retains its flavor and as such can keep well for over a year if it is properly filtered, bottled and preserved by using 0.1 per cent sodium benzoate. The juice of pomegranate is believed to be good for leprosy
- ❑ patients. The grains of the fruit are also eaten fresh in most of the hot countries and are used as condiment. The bark and rind of the fruits are commonly used in dysentery and diarrhea. The rind is also used as dying material for cloth. Dried seeds of pomegranate seeds with pulp are available as 'Anardana'.

Detailed Project Report on Dragon Fruits Farming

- A pitaya or pitahaya is the fruit of several cactus species. "Pitaya" usually refers to fruit of the genus *Stenocereus*, while "pitahaya" or "dragon fruit" always refers to fruit of the genus *Hylocereus*. Dragonfruit stems are scandent (climbing habit), creeping, sprawling or clambering, and branch profusely. There can be 4-7 of them, between 5 and 10 m or longer, with joints from 30-120 cm or longer, and 10-12 cm thick; with generally three ribs; margins are corneous (horn-like) with age, and undulate. These fruits are commonly known in English as "Dragon Fruit", reflecting its vernacular Asian names.
- Dragon fruit or Pitaya grows best in uniformly distributed rainfall throughout the year. It prefers free draining soil with sandy to clay loam types, 5.3 to 6.7 pH and high organic matter. However, Pitaya is also grown successfully in sandy soils. Pitaya is shallow rooted with most roots concentrated on top 15- 30 cm soil depth.

Detailed Project Report on Stevia Farming

- ❑ The Stevia plant belongs to the *Compositae* (sunflower family of plants). Centuries ago, Natives of Paraguay used the leaves of this small, herbaceous, semi-bushy, perennial shrub to sweeten their bitter drinks. Originating in the South American wild, it could be found growing in semi-arid habitat ranging from grassland to scrub forest to mountain terrain. The plant made its way to Pacific Rim countries, where in recent decades it became cultivated domestically, used in its raw leaf form and now is commercially processed into sweetener.
- ❑ The plant closely resembles to sunflower, marigolds etc. of family Asteraceae It has herbaceous growth habit. Stevia is a small shrubby perennial growing up to 65 cm tall. Stevia rebaudiana (Bert.) is a herbaceous perennial plant of the family Asteraceae.

Detailed Project Report on Municipal Solid Waste Management

- Due to rapid increase in the production and consumption processes, societies generate as well as reject solid materials regularly from various sectors – agricultural, commercial, domestic, industrial and institutional. The considerable volume of wastes thus generated and rejected is called solid wastes. In other words, solid wastes are the wastes arising from human and animal activities that are normally solid and are discarded as useless or unwanted. This inevitably places an enormous strain on natural resources and seriously undermines efficient and sustainable development. One of the ways to salvage the situation is through efficient management of solid wastes.
- There has been a significant increase in MSW (Municipal Solid Waste) generation in India in the last few decades. This is largely because of rapid population growth and economic development in the country. Solid waste management has become a major environmental issue in India. The limited revenues earmarked for the municipalities make them ill-equipped to provide for high costs involved in the collection, storage, treatment, and proper disposal of MSW. As a result, a substantial part of the MSW generated remains unattended and grows in the heaps at poorly maintained collection centres.

Detailed Project Report on Hospital with Teaching Facility

- A hospital as a health care organization has been defined in varied terms as an institution involved in preventive, curative/ameliorative, palliative or rehabilitative services. However, the definition given by WHO is quite exhaustive and exclusive, in which it is defined as, 'an integral part of the medical and social organization which is to provide for the population complete health care, both curative and preventive; and whose out patient services reach out into the family in its home environment. The hospital is also a centre for the training of health workers and for bio-social research'.
- Hospitals, these days, also provide bio-social research; teaching and training facilities for all members of the hospital, and a health team which includes not only doctors and nurses, but also para-professionals, paramedicals, pharmacists, etc. operationally, a hospital could be viewed as consisting of service facilities for out-patient, in-patient, general wards, emergency, special wards, Intensive Care Units, operation theatre, delivery suite; and support services, such as, pharmacy, radiology and imaging, CSSD, blood bank, laboratory, etc.

Detailed Project Report on Edible Oil Refinery

- ▣ The oil palm, *Elaeis guineensis*, is native to Africa. The commercial values of this crop lies mainly in the oil that can be obtained from the mesocarp of the fruit - palm oil and the kernel of the nut - palm kernel oil. In fact, oil palm is the only fruit that can give these two types of oil. Both are edible oils but with very different chemical composition, physical properties and applications.
- ▣ Palm oil is used mainly for cooking such as cooking oil, margarine and shortening but also has non-food applications such as soap, detergent, cosmetics. Among the food uses, refined, bleached and deodorised (RBD) olein is used mainly as cooking and frying oils, shortenings and margarine while RBD stearin is used for the production of shortenings and margarine. RBD palm oil, which is the unfractionated palm oil, is used for producing margarine, shortenings, vanaspati (vegetable ghee), frying fats and ice cream.

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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

Who do we serve?

- ▣ Public-sector Companies
- ▣ Corporates
- ▣ Government Undertakings
- ▣ Individual Entrepreneurs
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- ▣ 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 & 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.

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

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