List of Fast-Growing Industries for Hot Start-Ups in 2018.

Best Profitable Manufacturing & Processing Business Projects.

(NPCS Newsletter - Issue 012018)





The only way to determine if your ideas can potentially be profitable as a business and is worth pursuing further is to conduct feasibility studies. The purpose each entrepreneur should conduct a detailed feasibility assessment or study is to test if that business idea makes: Personal Sense, Business Sense, Market Sense, and Financial Sense. Without looking at the personal aspect, business concept, the market, and the financials, as well as analyzing the data and information, an entrepreneur is likely not to be successful or not as successful as s/he would like to be.



A business plan is an essential roadmap for business success. A business plan provides direction, keeps you on track and is usually a requirement when you seek finance.

A business plan is a formal grid map of all of your business goals, and plans on how to achieve them. Entrepreneurial skills assist Small scale industries generate growth and development of new ventures in developing economies. At the entrepreneurship development level, a key role of the programme is to develop tools and programmes that deal with the long term effects of entrepreneurial culture.



We believe that preparing a business plan is important for any business regardless of its size or nature. To make it easier here are few project profiles for planning a business:



## Projects Covered in this Issue

- Maize and It's by Products (Maize Starch, Sorbitol, Liquid Glucose, Dextrose Monohydrate, Dextrose Anhydrous, Gluten and Maltodextrin)
- Wood Pellets from Saw Dust
- uPVC Profiles for Doors and Windows
- Wood Plastic Composite (WPC)
- Green Peas Processing and Preservation
- Hydraulic Hose with Crimping Facility of Hose End
   Fittings



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- uPVC Pipes
- Disposable Surgical Masks
- Adhesive (Fevicol Type) Water Proofing Grade
- Pan Masala
- Cotton Ball (Hospital and Cosmetic Use)
- PET Preform
- Ready Mix Concrete with Concrete Blocks



#### **Detailed Project Report On**

#### Maize and It's by Products

(Maize Starch, Sorbitol, Liquid Glucose, Dextrose Monohydrate, Dextrose Anhydrous, Gluten and Maltodextrin)

Maize also known as corn is a cereal grain. Maize has become a staple food in many parts of the world, with total production surpassing that of wheat or rice. All the major sweeteners are commercially made from maize starch. Maize starch is a polymer of anhydrous glucose units (dextrose) and is the raw material for sweeteners. Dextrose equivalence (DE) is a measure of the total reducing sugars calculated as D-glucose on a dry weight basis. Maltodextrins are the dried products or purified aqueous solutions of saccharides obtained from edible starch having a dextrose equivalency of less than 20......Read more



# Detailed Project Report On Wood Pellets from Saw Dust

In general, any biomass is suitable as raw material for pelletizing. Currently woody biomass is the predominant raw material for fuel pellet production. The main constituents of wood are the elements carbon (C), hydrogen (H) and oxygen (O). Other important elements are nitrogen (N), sulfur (S), magnesium (Mg), chlorine (Cl) and potassium (K) which are present in varying amounts. The density of logged wood is between 400-750 kg/m3. The ash content is around 1% or less but is strongly dependent on bark and needle portion as well as the level of secondary contamination like adhering soil.....Read more



# <u>Detailed Project Report On</u> <u>uPVC Profiles for Doors and Windows</u>

The uPVC profile is basically an extruded section of a mixture of PVC with certain additives to make it suitable for making uPVC Windows and Doors. So, this very formulation technology is the key to make a Quality profile to make the Premium Windows. This formulation varies according to the climates. That's why the formulation for High UV Sensitive India requires a formulation combination of 2.5 mm. Wall Thickness & 8 Parts of Titanium Dioxide. Casements are widely popular for many reasons. Their design easily adopt to any style of home, providing operation and performance features that can't be matched by other operating windows......Read more



# Detailed Project Report On Wood Plastic Composite (WPC)

WPCs are composites containing a wood component in particle form (wood particles/wood flour) and a polymer matrix. They are used in a variety of structural and non-structural applications ranging from component and product prototyping to outdoor decking. Wood plastic composites (WPCs) are roughly 50:50 mixtures of thermoplastic polymers and small wood particles. WPC can be manufactured in a variety of colors, shapes and sizes, and with different surface textures. WPCs made with wood-polypropylene are typically used in automotive applications and consumer products, and these composites have recently been investigated for use in non-structural building profiles.....Read more



# Detailed Project Report On Green Peas Processing and Preservation

The pea (Pisum sativum) is one of the oldest vegetable crops to be cultivated. Its culture reaches so far back into the past that the wild ancestor is unknown to us. The crop belongs to the legume family (Leguminosae) and is one of the most important vegetables in India. Short stalked green pods which appear during late winter or spring. The pods measure about 2-3 inches long, swollen or compressed, straight or slightly curved, filled with single row of 2-10 light green color smooth edible seeds. Freeze drying is a relatively recent method of preserving food.....Read more



# Detailed Project Report On Hydraulic Hose with Crimping Facility of Hose End Fittings

A hose is a flexible hollow tube designed to carry fluids from one location to another. Hoses are also sometimes called pipes (the word pipe usually refers to a rigid tube, whereas a hose is usually a flexible one), or more generally tubing. The shape of a hose is usually cylindrical (having a circular cross section). Hose design is based on a combination of application and performance. Common factors are size, pressure rating, weight, length, straight hose or coil hose, and chemical compatibility. Hoses are made from one or a combination of many different materials.....Read more



# Detailed Project Report On uPVC Pipes

uPVC pipes remain neutral to all transported fluids. uPVC is completely inert and is widely used for transporting liquids made for human consumption. Because of their mirror-smooth inside surface, uPVC pipes have minimum flow head loss. There is also no buildup of inside deposits. uPVC Pipes as per IS: 4985 being used in all conceivable applications ranging from Agriculture to sanitation, bore well to electrical ducts because of low cost,

Low pressure features they became favorites of all farmers, builders and government departments......Read more



# Detailed Project Report On Disposable Surgical Masks

A surgical face mask is also known as a procedure mask and purposely to be worn by health care professionals during operation procedures. It helps to catch the bacteria shed in liquid droplets and aerosols from the wearer's mouth and nose.

A surgical mask is not to be confused with a respirator and is not certified as such. Surgical masks are not designed to protect the wearer from inhaling airborne bacteria or virus particles and are less effective than respirators.

The TMR report reveals that the global sheet face masks market is expected to reach US\$336.7 mn by the end of 2024.....Read more



# <u>Detailed Project Report On</u> <u>Adhesive (Fevicol Type)</u> <u>Water Proofing Grade</u>

Fevicol type adhesives come under the category of synthetic resins and latex adhesives are made from polyvinyl acetate is a thermoplastic, odorless, tasteless, non-toxic, essentially clear and colorless resin.

WPA is the highest level of "wet strength." This in itself is a misnomer in that all starch is water soluble. This type of adhesive would typically be used in the most demanding applications. In addition to using 1.5% to 2% "wet strength" resin in relation to the liquid volume of the batch, it is essential that additional starch be applied to the board.......Read more



# Detailed Project Report On Pan Masala

Pan Masala is a balanced mixture of betel leaf with lime, areca nut, clove, cardamom, mint, tobacco, essence and other ingredients. It is an agricultural product with herbal properties, also available in hygienic pack and pouches. The ingredients in pan masala vary widely, depending on personal taste and region. The paan masala is consumed by all age groups and social classes. Most people across the world eat some mouth freshener after their meal or during leisure time. Meetha Pan Masala is an Indian sweet made with betelnuts, dry date, anise seed, menthol and artificial cardamoms, saccharine



flavors.....Read more

# Detailed Project Report On Cotton Ball (Hospital and Cosmetic Use)

A cotton ball is a ball of soft fiber that is primarily used for medical or cosmetic purposes, but can be used for other purposes such as arts and crafts or cleaning. They originate from the cotton plant, which is a shrub that is found in subtropical and tropical regions throughout the world. Cotton grows in bolls which are located around the seeds of the plants. Although the cotton can be used in its natural form, the fibers can be spun into other products such as bed sheets and clothing refined and sterilized for everyday and medical or uses.....Read more



# Detailed Project Report On PET Preform

The most widely used thermoplastic polyester is poly ethlene terephthalate (long-chain molecule consists of repeating units shown as figure right) or (PET). The use of PET is growing very rapidly in textiles, packaging, audio, and video film, engineering resin applications, and such miscellaneous applications as cable wrap. PET is not made by a single stage process, but by the reaction between two chemicals, purified terephthalic acid (PTA) and ethylene glycol (EG). PET film's tensile strength is similar with aluminium films, and is three times that of PC and PA film.....Read more



# Detailed Project Report On Ready Mix Concrete with Concrete Blocks

Ready mix concrete has advantages in the area where immediate requirement of concrete mixture like in the preparation of bridge overhead roads on or the road construction. In India there is a hope to get good scope of RMC within short period. The batching, mixing, transportation, placing, compaction, finishing and curing are very complimentary operations to obtain desired good quality concrete. The good quality concrete is a homogeneous mixture of water, cement, aggregates and other admixtures. Concrete blocks for building houses were first made in Europe around **1850.....Read more** 



# <u>Tags</u>

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### Contact us

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# NIIR PROJECT CONSULTANCY SERVICES

**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
- Business Plan
- Industry Trends
- Market Research Reports
- Technology Books and Directory
- Databases on CD-ROM
- Laboratory Testing Services
- Turnkey Project Consultancy/Solutions
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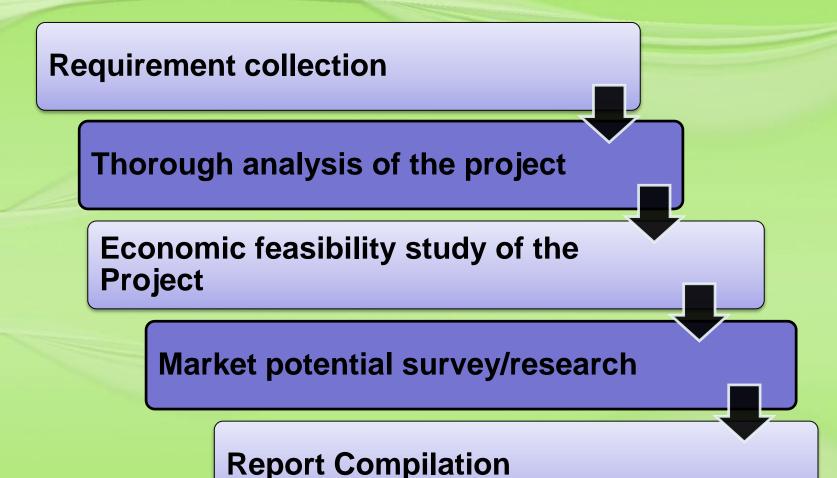


### How are we Different?

- 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**





### Who do we Serve?

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



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