

# **Waste Management and Recycling, Industrial Waste Management, Agro Waste, Municipal Garbage, Plastic, Paper, Metal, Iron, Glass, Rubber, Electronic, Medical Waste Recycling, Solid Waste Treatment, Agricultural, Wood Waste, Residue Processing Projects**

We can provide you **detailed project reports** on the following topics. Please select the projects of your interests.

**Each detailed project reports** cover all the aspects of business, from analysing the market, confirming availability of various necessities such as plant & machinery, raw materials to forecasting the financial requirements. The scope of the report includes assessing market potential, negotiating with collaborators, investment decision making, corporate diversification planning etc. in a very planned manner by formulating detailed manufacturing techniques and forecasting financial aspects by estimating the cost of raw material, formulating the cash flow statement, projecting the balance sheet etc.

We also offer self-contained Pre-Investment and Pre-Feasibility Studies, Market Surveys and Studies, Preparation of Techno-Economic Feasibility Reports, Identification and Selection of Plant and Machinery, Manufacturing Process and or Equipment required, General Guidance, Technical and Commercial Counseling for setting up new industrial projects on the following topics.

Many of the engineers, project consultant & industrial consultancy firms in India and worldwide use our project reports as one of the input in doing their analysis.

**We can modify the project capacity and project cost as per your requirement.  
We can also prepare project report on any subject as per your requirement.**

## **Project Reports Available**

Bricks from Fly Ash  
Cement From Rice Husk  
Cement from Rice Husk  
Fuel Bricks From Saw Dust  
Cattle Feed From Molasses & Baggasse  
Caffeine From Tea Waste  
Caffeine from Tea Waste  
Nicotine from Tobacco Waste  
N-Acetyl Glucosamine through Chitin biotechnically  
Biofertiliser From Cow Dung & Other Waste  
Carbon Black From Fertilizer Waste  
Caffeine from Tea Waste  
Extraction Of Lead From Lead Waste  
Extraction of Silver From Hypo Solution  
Fertilizer From Animal Blood And Leather Waste  
Furfural from Rice Husk  
Lead Recovery From Scrap Battery

Lead Suboxide From Lead Scrap  
Oxalic Acid from Paddy Husk  
Oxalic Acid From Rice Husk  
Products Based on Industrial Waste  
Recovery of Silver From Waste Film (Chemical Process)  
Removal of Antimony from Lead Scrap  
Secondary Lead extraction from Scraps, Battery Plates, Pipes, Sweets  
Sodium Silicate from 1) Paddy husk & Silica 2) Sodium Carbonate & 3) Caustic Soda & Silica  
Sodium Silicate from Paddy Husk  
Sodium Silicate from Rice Husk  
Sodium Silicate from Paddy Husk  
Ultrapure Silicon from Rice Husk  
Zinc Sulfate 21 Agricultural Grade From Waste Ash  
Mica paper  
Reclamation of Automatic Batteries  
Bricks From Fly Ash  
Corrugated Roofing Sheets from Agricultural Waste  
Glass Products Like Bangles, Beads Marble From Waste Glass  
Extraction of Gelatin Glue from Leather Waste  
Extraction of Glue from Glue White Powder from Glue  
Brick From Fly Ash  
Cement From Rice Husk  
Kraft Paper from Jute Stick  
Leather Board From Leather Waste  
Leather Board From Leather Waste  
Aluminium Ingots From Aluminium Scrap  
Copper Extraction from PCB Waste  
Copper Products from Copper Scrap  
Copper and Brass Sheet from Copper Scrap Brass Scrap  
G.I. Pipe from Scraps  
Iron Powder from Mill Scale Scrap  
M.S. Casting From M.S. Scrap  
Non Ferrous Scrapes Drawing  
Rods and Coils from Scrap  
Steel Billets from Steel Scrap by Electrical Arc Furnaces  
Stainless Steel Flat from Scrap  
Bio coal Briquettes from Agricultural cellulosic wastes  
Coal Briquettes from Cellulosic Wastes  
Extraction Of Lead From Lead Waste  
Gober Gas Plant  
Insulation Panels and Board Using Vegetable Wastes  
M.G. Paper from Waste Paper  
Particle Board from Rice Husk  
Products Based on Industrial Waste  
Recovery Of Silver From Waste fixer Bleach Obtained From Photo Film  
Reclamation of used Engine Oil  
Reclamation of Used Engine Oil  
Rice Bran Oil  
Card & Gray Board From Pulp & Waste Paper  
Card Board from Rice Husk  
Corrugated Roofing Sheets from Agriculture Waste  
Hard Board From Saw Dust  
Hard Board from Saw Dust

Hard Board from Bagasse  
 Kraft Paper From Waste Cartoon Boxes  
 Kraft Paper from Bagasse  
 M.G. Paper from Waste Paper  
 Mill Board from Rice & Wheat Straw  
 Mill Board from Waste Paper  
 Mica Paper from Mica Waste  
 Paper from Waste Paper  
 Paper from Rice Husk & Wheat Husk  
 Soft And Hard Boards From Agro Wastes  
 Lube Oil & Greases from Used Engine Oil  
 Reclamation Of Transformer Oil  
 Refining Of Used Engine Oil For Making Base oil  
 Refining Of Used Lubricating Oil  
 Re-Refining of Used Lubricating oil  
 Refining of Used Engine Oil  
 Nicotine from Tobacco Waste  
 Nicotine from Tobacco Waste  
 Nicotine Sulphate from Tobacco Waste  
 Protein Extraction From Tobacco Waste  
 Cattle Feed From Molasses & Bagasse  
 Zinc Sulfate 21% Agricultural Grade From Waste Ash  
 Extrusion from Plastic Waste  
 Methyl Methacrylate (monomer) from Acrylic Scrap  
 Polyester Yarn From Waste  
 PVC Granules from PVC Scrap  
 Plastic Extrusion From Plastic Scraps  
 Plastic Granules or Powder from Plastic Scrap  
 Polyester Staple Fibre from Polyester Fibre Waste  
 Polyethylene Bags from Waste Polyethylene  
 PVC Compounding from Plastic Waste  
 Plastic Moulded Articles (Using Agro Waste as Fillers)  
 Recycling Of Polythene  
 Recovery of Nylon from Nylon Waste  
 Rubber Sheet from Reclaimed Rubber  
 Rubber Powder from Used Tyres  
 Recovery of Nylon From Nylon Waste  
 Rubber Goods From Waste Rubber  
 Rubber Reclamation Unit  
 Blanket From Wool Or Woolen Waste Or Woolen Rags  
 Blankets from Wool Waste  
 Cotton Waste Spinning Plant  
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 Jute Waste Products (Simple and Double Bonded Jute Fabrics)  
 Re-Refining of Used Waste Oil by Thin Film Distillation  
 Purification of Used Engine Oil By Wiper Evaporation System  
 Fuel Bricks From Groundnut, Soyabean Hull & Jute  
 Particle Boards from Agro Waste & Sugarcane Bagasse  
 Particle Board From Agro Waste & Sugarcane Baggase  
 Steel Re-Rolling Mill (Including Scrap Melting Furnace)  
 Copper Sulphate From Copper Scrap, Copper Ash, Industrial Waste Containing Copper Content  
 SUPER ENAMELLED COPPER WIRE FROM COPPER SCRAP  
 LEAD ALLOY FROM BATTERY SCRAPS

ACTIVATED CARBON FROM RICE HUSK AND COCONUT SHELL/ SAW DUST  
 PARTICLE BOARD FROM BAGASSE (BY CONTINUOUS RIBBON TYPE PROCESS  
 PARTICLE BOARD FROM BAGASSE (BY CONTINUOUS RIBBON TYPE PROCESS  
 GLASS BOTTLE FROM SCRAP  
 RECOVERY OF GOLD FROM PCB & OTHER ELECTRONIC WASTE  
 DOOR, WINDOWS AND FRAMES FROM BAMBOO  
 NYLON GRANULES FROM NYLON WASTE  
 MELTING OF COPPER AND ROLLING PROCESS FOR MAKING CIRCLES (COPPER STRIP COILS  
 SCRAPS)  
 ZARI POWDER FROM ZARI YARN  
 HAND MADE PAPER FROM WASTE PAPER  
 AGGREGATE BUSINESS  
 PAPER PLANT BY HEMP PROCESSING  
 METHYLATED SPIRIT FROM SUGAR CANE MOLASSES  
 ALUMINIUM ALLOY FROM SCRAP & VIRGIN METAL  
 YEAST FROM MOLASSES (DISTILLERY YEAST)  
 CHARCOAL POWDER FROM RICE HUSK  
 FIRE CLAY BRICKS  
 PENTANE & ISOPENTANE FROM RESIDUE L.P.G.  
 KRAFT PAPER FROM BAGASSE  
 Power plant based on biomass gasification  
 Organic farming  
 Liquid Bio Fertilizer from agro & municipal waste  
 Bio Diesel from Cooking Oil  
 Polyphenols (Antioxidants) from Tea Extracts/Concentrate  
 Aluminium Ingots from Aluminium Scrap  
 Bio Fertilizer (Organic Fertilizer) from Garbage  
 Bio Fertilizer from Cotton Seed Cake  
 E-Waste Recycling  
 Liquid Glucose from Broken Rice  
 Sugar Mill with Bioethanol from Molasses  
 Bricks from Fly Ash (Triolectric Beneficiation Process)  
 BRICKS FROM FUME DUST (USED IN CONSTRUCTION)  
 CELLULOSE POWDER FROM COTTON LINTER (WASTE OF COTTON)  
 CO-GENERATION PLANT BAGASSE BASED (POWER PLANT)  
 COPPER ASH/COPPER INGOT FROM COPPER WASTE  
 Power Generation from Biomass  
 Biomedical Waste Management  
 Waste Paper Recycling (Paper from Waste Paper)  
 Paper Recycling  
 Bio-mass (Rice Husk) based Cogeneration project  
 Textile Waste Recycling Industry  
 CARBON BLACK FROM TYRES  
 PLASTIC WASTE RECYCLING PLANT  
 SCRAP BATTERY RECYCLING  
 SCRAP BATTERY RECYCLING  
 Tyre Recycling (Reclaim / Crumb Rubber)  
 Tyre Recycling Pyrolysis process  
 Polyester Staple Fiber from PET Bottle Scraps  
 Kraft Paper from Waste Cartons  
 E Waste Recycling Plant  
 Extraction of Gelatin Glue from Leather Waste  
 Precipitated Silica from Rice Husk Ash

## BIOSILICA FROM RICE HUSK ASH

Bricks From Cow Dung - 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

Bromine Recovery from Sea Bittern - Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities

Magnesium Chloride and Magnesium Hydroxide from Sea Water - Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study

Recycling of Aluminum Scrap for Directional Chilled Cast Billets and Slabs for Extrusion Including Special Alloys Such As 2xxx, 3xxx, 5xxx, 6xxx, 7xxx and 8xxx series - Manufacturing Plant, Detailed Project Report, Profile, Business Plan

Aluminum Billets From Aluminum Scrap

Recycling of Medical Blister Scrap

Li-Ion Battery Recycling

Aluminium Recycling Plant

Re-Processing of Waste Cement Bags

Recycling of Polyester Staple Fiber

Recycling of Medical Blister

Bagasse Tableware Making (Full-Auto )using Bagasse(sugarcane); Bamboo Pulp

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## About NIIR

**NIIR PROJECT CONSULTANCY SERVICES (NPCS)** is a reliable name in the industrial world for offering integrated technical consultancy services. NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our various services are: Detailed Project Report, Business Plan for Manufacturing Plant, Start-up Ideas, Business Ideas for Entrepreneurs, Start up Business Opportunities, entrepreneurship projects, Successful Business Plan, Industry Trends, Market Research, Manufacturing Process, Machinery, Raw Materials, project report, Cost and Revenue, Pre-feasibility study for Profitable Manufacturing Business, Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Business Opportunities, Investment Opportunities for Most Profitable Business in India, Manufacturing Business Ideas, Preparation of Project Profile, Pre-Investment and Pre-Feasibility Study, Market Research Study, Preparation of Techno-Economic Feasibility Report, Identification and Section of Plant, Process, Equipment, General Guidance, Startup Help, Technical and Commercial Counseling for setting up new industrial project and Most Profitable Small Scale Business.

NPCS also publishes various process technology, technical, reference, self employment and startup books, directory, business and industry database, bankable detailed project report, market research report on various industries, small scale industry and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by professionals including project engineers, information services bureau, consultants and project consultancy firms as one of the input in their research.

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