

# CANNED SEAFOOD PROCESSING PLANT

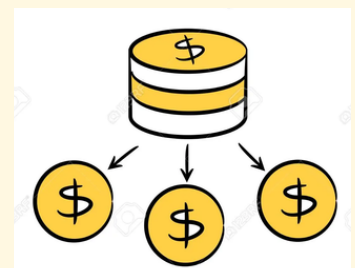


## About us:

PHANS4 CONSULTING PRIVATE LIMITED, For more than 10 years, we have been supporting companies and startups around the globe, helping them to improve the sustainability of their competitiveness and performance capabilities along the entire value chain in "Food processing industry" with the aid of innovative technologies and expert consulting.

## Services we offers:

- **Market research:** We define market and develop a market strategy by analyzing trends, competition, threats and opportunities in that particular field.
- **Business plan:** We make a business plan for a startup by projecting key aspects like Business concept, market analysis, financial projections & marketing strategies.
- **Funding & Allocation:** We are offering funding solutions & assistance for your startup such as like angel investors, venture capitalists & debt from banks or other financial institutions etc.
- **Business structure:** We choose the right business structure for your startup such as Sole proprietorship, Partnership, Corporations & Limited liability company (LLC).
- **Business registration:** Registering your business at federal, state & local levels. Registering for intellectual property protection and obtaining TAX ID & insurances coverage to protect your business from liabilities & risks along with "Employer identification number-Udyog Adhar" issued by micro small & medium enterprises.

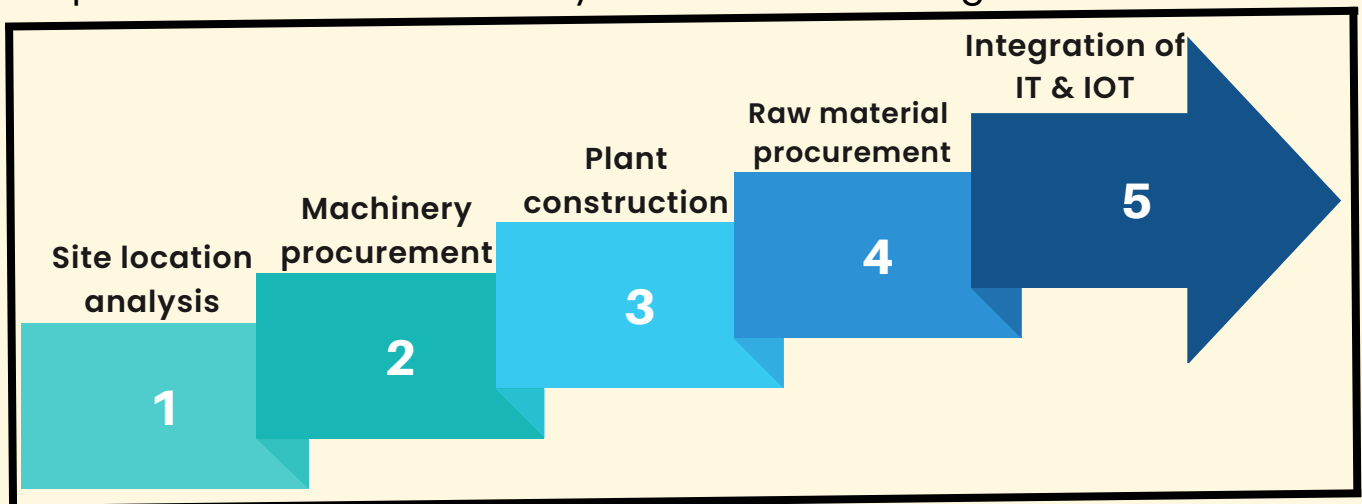


- **License & Permits:** We are offering License & permits solutions & assistance from several departments such as Business license, Tax registration (TIN), Occupational licenses. Permits - health, Safety, environmental & building etc.



- **Detailed project report (DPR):** We prepare Detailed project reports for your startup which includes Business overview, technical details, financial projections, marketing plans, operational plans, risk analysis, legal & regulatory compliances and implementation schedule etc.

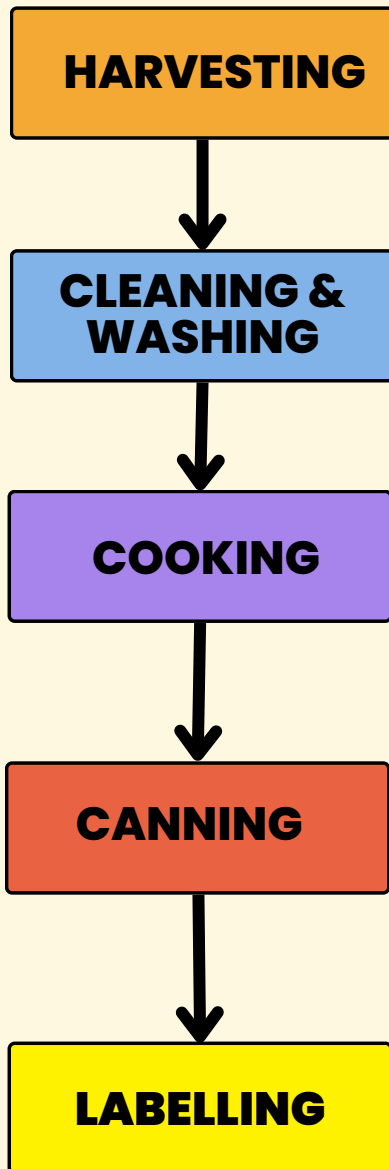
- **Site location analysis:** We do site location analysis by taking competition, accessibility, regulations & zoning, work force availability and target audience as parameters.
- **Machinery procurement:** By evaluating production capacity, available space & financing options we select machineries with required capacities ensured with safety & environmental regulations.



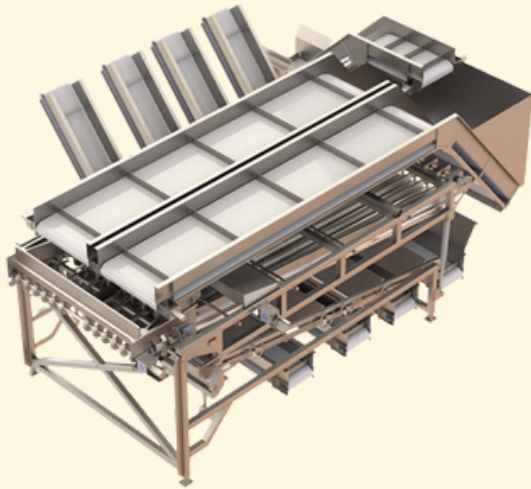
- **Plant construction:** We provide services like feasibility studies, designing, procurement of equipment, construction & installation.
- **Raw material procurement, dealer-customer identification & negotiation:** We are offering services like identifying suppliers-customers, negotiation, establishing a supply chain and monitoring.
- **Integration of IT & IOT:** implementation of enterprise resource planning (ERP) systems, leverage data analytics, automations, IOT devices etc. to make efficient business operations.

# PROCESS FLOWCHART

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## PRE-PROCESSING OF FISH:



**GRADER**



**DE-SCALER**



**FILLETER**

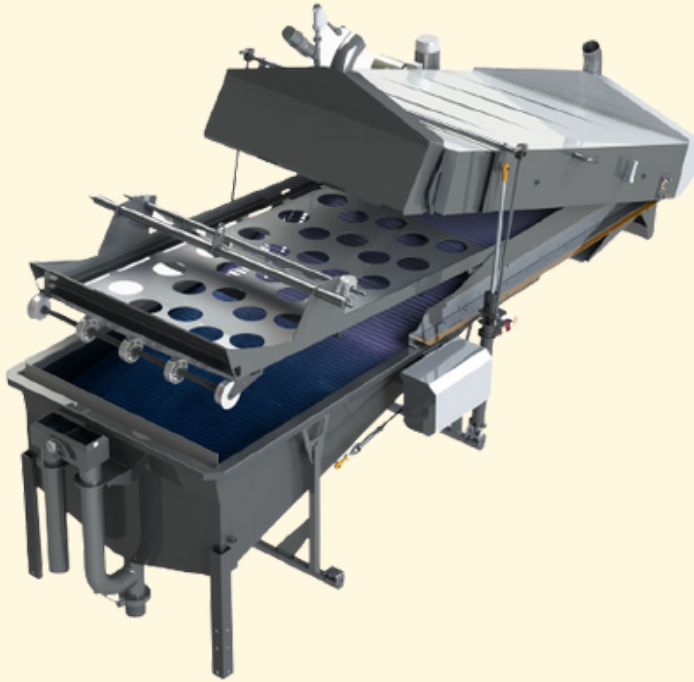


**SKINNER**

These machines useful in frozen food processing:

- **GRADER:** This machine will helps to grade seafood according to its sizes or weight.
- **DE-SCALER:** This machine will helps to de-scaling upon the skin of fishes.
- **FILLETER:** This machine will helps to cut sea food into small pieces.
- **SKINNER:** It's uses to remove or to peel the skin of fish.

## COOKING & STEAMING MACHINES:



**SHRIMP STEAM COOKER**



**SEAFOOD STEAMER**

These steamers and seafood cookers are designed to cook and steam seafood products to a specific and required temperature and time, by ensuring that the products are safe for consumption and retain their flavor and texture.

These machines are typically designed with precision temperature and pressure controls to ensure consistent and uniform cooking of the seafoods such as Fish, Shrimp, Clams & other Shellfish.

## CANS FILLING & SEALING MACHINES:

This machine is useful to fill cans with cooked seafood products along with other ingredients like sauce & oil etc.

The seaming (sealing) machine will take the responsibility of seals the filled cans with a lid to prevent any contamination or spoilage.



## STERILIZER:



Sterilization is the crucial step which ensures the safety and quality of final product. This retorting process eliminates the destroys the harmful bacteria, spores & other microorganisms that may be present in the canned seafood.

## LABELLING & PACKAGING MACHINES:



These labelling and packaging machines are ensures that your products are safe, compliant and appeals to customers.

These machines reduce errors and increase efficiency.

## ***INSTALLATION:***

Phans4 consulting private LTD offering installation solutions for micro small and medium enterprises machineries.


- **Site selection & plant layout designing.**
- **Procurement of machinery & installation.**
- **Utilities installation.**
- **Testing & commissioning.**

## ***OPERATION & MAINTENANCE:***

- Phans4 consulting private LTD offering training program for staff to do their job efficiently.
- we train the plant staff on operation & maintenance of machinery, quality controlling & production etc.

### **Contact us:**

#703, Dega towers, Somajiguda,  
Hyderabad, Telangana, 500082.

 +91 7842430123

 [business@phans4.com](mailto:business@phans4.com)