

Sustainable Future

We at Grenesynt are tirelessly working towards a sustainable future.
The Earth is not inherited but borrowed from the future generations.
We are allotted limited resources and time and it is our duty to Re-use,
Re-cycle and Re-new.



Solar

- PV system EPC
- Feasibility Study
- Complete system design and integration
- Gov Liason
- Customer side design assessment
- Solar Thermal EPC



Bioenergy

- Waste to Biogas
- Waste to Manure
- Value added nutritional food suppliment



Infrastructure

- Industrial Design
- Environmental Impact assesment study
- Bodiversity Study
- Carbon Sequestration study and carbon footprint mapping
- Energy Auditing
- Rain Water Harvesting and water management
- Product Design
- Residential Design
- Interior design



Plastic - Fuel

- Pyrolysis to High speed diesel (HSD)
- Plastic recycling and reuse



Analysis

- Site Feasibility
- DPR
- Shadow analysis
- Presentation drawings
- Marketing Support

Engineering

- PV plant layout
- Electro-Mechanical design
- 3D presentation drawings
- BOM and Tendering
- Estimation
- Site specific customization

Project Management

- PMC
- Scheduling
- racking
- QC
- Health and Safety
- Trouble shooting
- Cashflow management

Turn key Project

- Site Preparation
- Construction and Installation
- Balance of Plant
- Clearance, Permits and approvals

Operation and maintenance

- Site supervision
- Quality management
- Spares inventory management
- Data recording and analysis
- Cleaning and minor repairs
- AMC

Notable Projects-



720 kW On Grid Rooftop Solar Project-
SLK Software, Bangalore



198 kW On Grid Rooftop Solar Project- KIAMS, Maval



320 kW OFF Grid (Captive) Rooftop Solar Project-
Tania Industries, Nagpur



30-09-2019

Grenesyth Confidential



55 kW On Grid Rooftop Solar Project-
Gurukul School, Panchkula Chandigarh





Project Analysis

- Site Feasibility
 - DPR
- Backward and Forward Integration
- Marketing Support
 - Tendering
 - Subsidy Liason

Engineering

- Process design
- Equipment sizing and specifications
 - Project Infrastructure design
 - BOM and Estimation
 - Detailed Engineering drawings
- O&M Manuals

Project Management

- PMC
- Scheduling
- Tracking
- QC
- Health and Safety
- Trouble shooting
 - Cashflow management

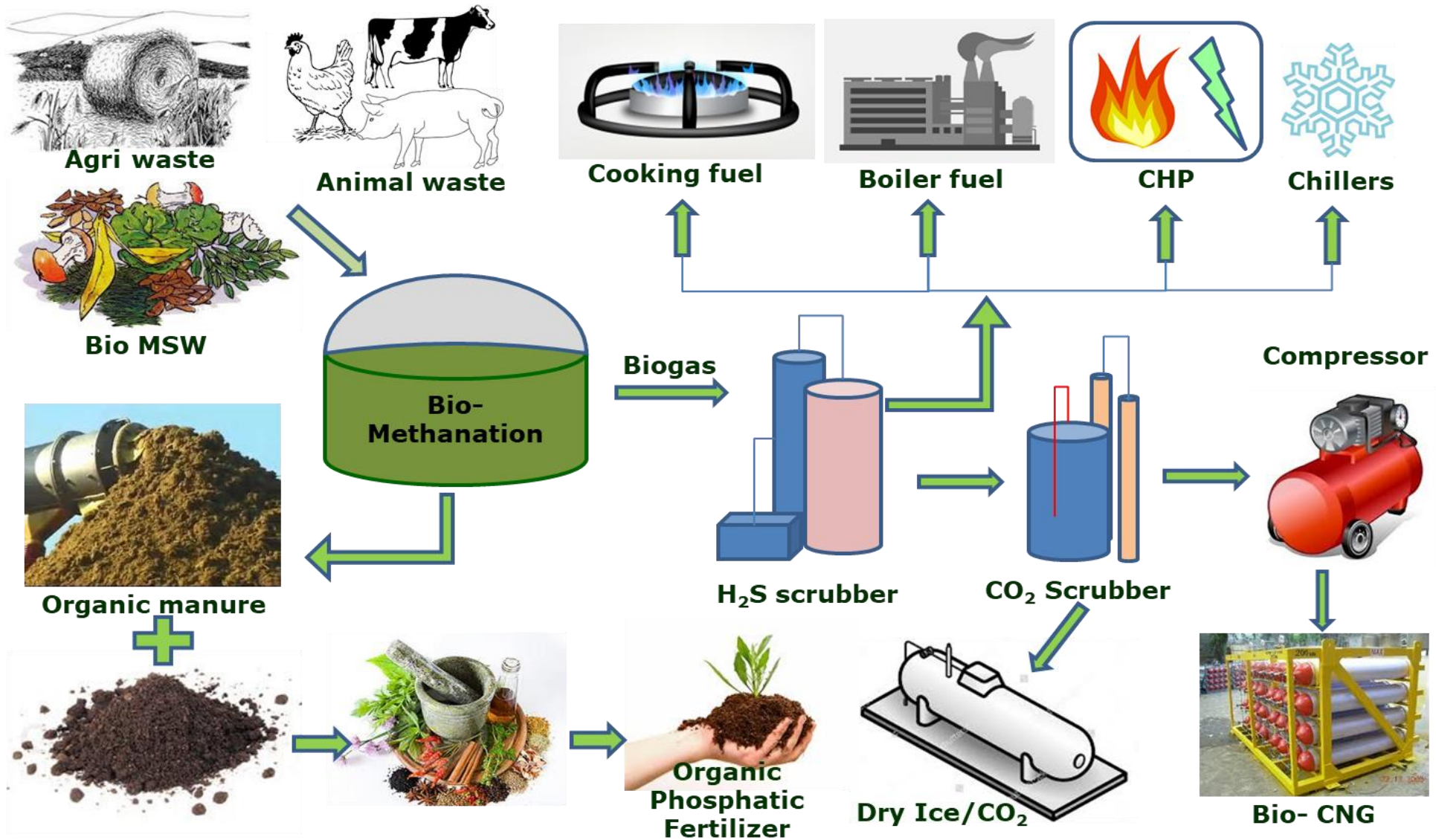
Turn key Project

- Site Preparation
- Construction and Installation
- Balance of Plant
- Plant equipment Commissioning
- Plant Biological process Commissioning and Rampup to full capacity
- Handover and Training
- Equipment Supply seperately

Operation and maintainance

- Daily operations
- Spares inventory management
- Data rechording and analysis
- Cleaning and minor repairs
 - AMC
 - Process Toubleshooting

Typical Process Flow and Possibilities -



Skid Mounted Modular plant-



* Representative image of 2 TPD plant using 2 modules of 1 ton each.

Quick Reference Guide-

Kitchen Waste (kg)	Biogas per Day (m ³)	LPG replacement(kg /day)	Manure (kg/day)	PROM (kg/day)
500	40	16	18	N.V.
1,000	80	32	36	N.V.
1,500	120	48	54	N.V.
2,000	160	64	72	N.V.
3,000	240	96	108	130
4,000	320	128	144	175
5,000	400	160	180	220

Notable Projects-



- 4 MT/Day Industrial Waste based Biogas to Power plant at Tasty Bite Eatables, Pune
- Designed, commissioned and currently under O&M with Grenesynt.

Tasty Bite Eatables Ltd-





Green Initiative

- Self Sustainable Building design
- Environmental Impact Assessment
- BioDiversity Study
- Carbon Footprint mapping
- Carbon Sequestration Potential Study
- Rain Water Harvesting
- Energy Auditing
- Marketing and Publication

Architecture

- Site layout design
- Individual structure design
- Elevation
- Sections
- 3D visualization
- Interior design
- Equipment sizing and services
- Services specifications
- Basic Bill of Quantity and Estimation
- Approvals and Sanctioning

Project Management

- PMC
- Scheduling
- Tracking
- QC
- Health and safety
- Cashflow management
- Supervision

Engineering

- Detailed Structural drawings RCC and Fabrication
- Shop level drawings
- Detailed Bill of Quantity
- Detailed Estimation
- Services Design and sizing such as Roads, Drainage and water supply
- Electrical design

Notable Projects-



Notable Projects-



Notable Projects-



Notable Clients-



Contact-

Grenesynt

C/O Shirish Ganu

Plot no 1, Lane no 6, Manmohan society,
Karvenagar, Pune – 411052

Maharashtra, India

Ph no- +91 96577 22185, 9960 47 6802

Web- www.grenesynt.com

Email – shirishganu@grenesynt.com