

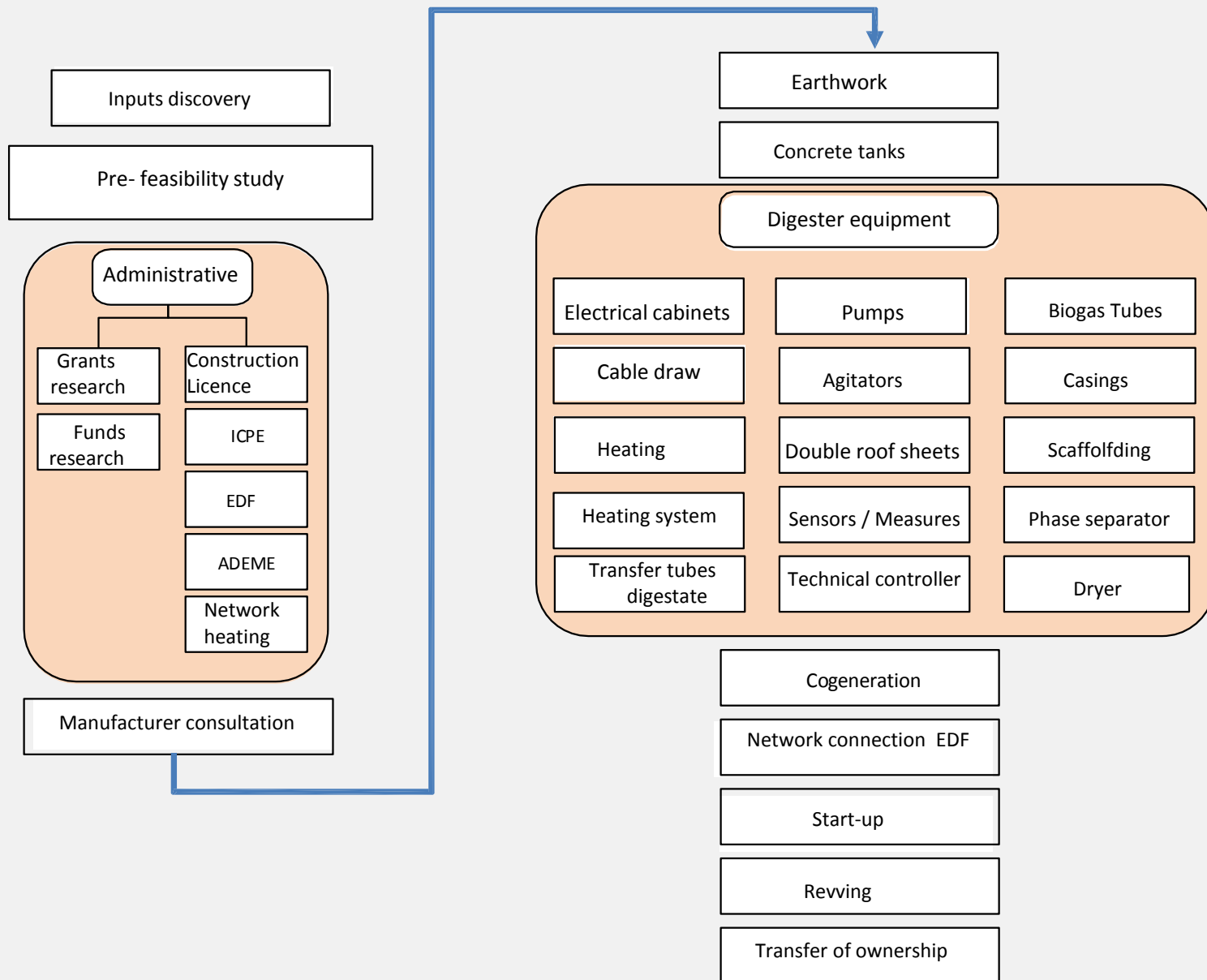
METHANISATION FARM



METHANISATION FARM

- Project process
- The time of project establishment
- Our study
- Our request
- Our guarantees request
- Our Insurances request

Project Process



Our needs

Technical expertise of agricultural biogas unit project

Necessary Documents :

- Project leader identity, location, operator
- Description of operation(s) Agricultural(s) concerned
- Implantation description
- Map and elevation drawing of the installation
- EPIC Records and PC (if made)
- Description of the substrate deposit (origin, quantity, seasonality, expected methanogenic potential)
- Process Schematic diagram, builder eventually selected
- Maintenance plan: description of planned maintenance plan and their frequency
- Monitoring Plan : Description of the controlled parameters, monitoring frequency, etc.
- Design of main equipment and basins receiving / storage / processing / storage
- Annual volume of expected digestate, and destination.
- Annual volume of biogas purification process, valuation methods envisaged,
- Detail of the investment cost.
- Detail of the envisaged operating costs.
- Presentation of the calculation of the purchase of electricity and gas tariff.
- Detail of revenues from installation
- Operation agenda

Project timing

1 month

4 - 12 months

4-10 months

3 - 6 months

12 - 30 months

- Pre-study and inputs discovery
- Administrative (Licence, Records, ADEME, Network, Credit)
- Working.
- Setting up, gradual increase.

Full period

Our Study

12,15,2013

METHANISATION ECONOMICS ANALYSIS PROJECT

DE :

Project characteristics	Name and location	
	Power in kWc	0
Investments	Methanisation setting up and workforce	0,00 €
	Additional facilities (dryer, hygienisator, The valuation of the generated heat junction or pipeline injection and VRD	0,00 €
	Guarantee and notary fees	0,00 €
	Cogeneration	0,00 €
	Engineering and studing fees	0,00 €
	Total	0,00 €
Investment plan	Contribution	0,00 €
	grant	0,00 €
	Borrowed amount	0,00 €
	Methanisation installation borrow (annuity)	0,00 €
	Cogeneration producer borrow (annuity)	0,00 €
	Total credit refunds Annuity	0,00 €
Receipts	Annual production in kWh	0
	Purchasing price ERDF or GRDF	0,15600 €
	Electricity or gas annual sells benefits	0,00
	The valuation of the generated heat	0,00
	Digestat valorisation	0,00
	Implintation Total Benefit	0,00 €
Fixed costs	Setting up and maintenance fees	0,00 €
	Workforce(Bills emission / daily following of setting up)	0,00 €
	telecom subscription if monitoring	0,00 €
	Insurance	0,00 €
	Credit Insurance	0,00 €
	Maintenance contract	0,00 €
	Electricity born localisation	0,00 €
	Production fees	0,00 €
	Total	0,00 €
Variable costs	IFER Tax	0,00 €
	Digestat balance purchase sells (if fees)	
	TOTAL variable cost	0,00 €
Balance	Total Balance (Benefits minus credit fees , fixed and variables fees)	0,00 €



au minimum le montant des interets intercalaires sur 12 mois

10 et 15 years

5 et 7 years



Ratios	debt/turnover	#DIV/0!
	kw h cost	#DIV/0!
	TRI (année)	#DIV/0!

Total of credits	0,00 €
Total annuities	0,00 €

Ours requirements

- The pre-study
- The installer
- The maintenance and the biological monitoring
- Guarantees
- Insurrances
- Available workforce
- Site quality
- Financing Plan

Guarantees

- Production site Mortgage (maximum 50% of main lending).
- Associates part-guarantee
- Dailly type assignment wroten in the electricity contract.
- BPI can occur (deposit or co financement)
- Pledge on the Cogenerator or the compressor.
- Deposit accompt restitution by the methanisation unit installer

Insurances

- Public liability PRO
- Public liability energy producer
- Insurance goods damages
- Insurance machinery breakdown in cogenerator
- Insurance machinery breakdown in compressor
- Insurance operating loss
- Insurance good end working subscribe by the installer.
- assistance and maintenance contract between the project leader and the installer
- Decade insurance attestation on the real estate part subscribe by the installer.