



INTEC SG Series - Waste to Energy Synthesis Gas System Initial Checklist	
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Contact Information			
Your role: <input type="checkbox"/> Buyer/EPC <input type="checkbox"/> Mediator/Consultant <input type="checkbox"/> Operator <input type="checkbox"/>			
Contact Person Name Function Address	Company Name:		Co. Reg.-No.
	Co. Reg. Authority		
	Phone/Fax		
	E-Mail		
Plant Location Data			
Country		Latitude/Longitude	Size
Region		Land Costs	
Current land use	<input type="checkbox"/> Industrial zone	<input type="checkbox"/> Agricultural	<input type="checkbox"/> Remote – no infrastructure
	<input type="checkbox"/> Residential area	<input type="checkbox"/> Mixed zone	<input type="checkbox"/> Other:
	Road and/or train access available?		<input type="checkbox"/> Yes <input type="checkbox"/> No
Purpose of Installation			
<input type="checkbox"/> Stand-alone: Electricity feed-in to the public grid		<input type="checkbox"/>	
Approx. distance to nearest entry point km			
Feed-in tariff or selling price EUR/kWh		<input type="checkbox"/>	
<input type="checkbox"/> Other applications <i>e.g., thermal usage, synthesis gas utilisation, combination, application mix</i>		Please specify:	
Available Waste Amounts & Desired Energy Outputs			
<input type="checkbox"/> Overall available amount of waste t/year		<input type="checkbox"/> You need to pay for waste EUR/t	
<i>or</i>		<i>or</i>	
<input type="checkbox"/> Desired energy output kWh/year		<input type="checkbox"/> You will be reimbursed for waste EUR/t	
Basic Waste Characteristics			
Origin			
<input type="checkbox"/> Mostly municipal solid waste	Approx. %	<input type="checkbox"/> Moisture content	Approx. %
<input type="checkbox"/> Mostly agricultural waste	Approx. %		
Components			
<input type="checkbox"/> Organic material	Approx. %	Estimated overall calorific value Approx. MJ/kg	
<input type="checkbox"/> Inorganic material	Approx. %	<i>Note: A specific waste characterisation and analysis will be performed at a later stage of the discussion.</i>	
Please indicate, if dedicated governmental waste classification and handling regulations exist:		Please specify:	
<input type="checkbox"/> Yes <input type="checkbox"/> No			
Administrative			
Do you already have the possibility of an organised waste collection and delivery to the site location?		Does municipal waste separation exist?	
<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Salary unskilled staff EUR/month (gross)		Salary Management EUR/month (gross)	
Salary skilled staff EUR/month (gross)		Salary General Manager EUR/month (gross)	
Operational			
Process Water Supply		Electricity parameters	
<i>minimum of 10 m<sup>3</sup>/h sediment free process water required</i>			
<input type="checkbox"/> natural source <i>e.g., a well, sea<sup>1)</sup>, lake or river</i>	Distance: km	Feed voltage to network	High kV
<input type="checkbox"/> public water supply	Pressure at site: bar		Medium kV
			Low V
			Frequency Hz
<b>Drinking Water supply</b> <i>Approx. 2,5 m<sup>3</sup>/h required</i>	Distance: km	Local electricity handling and safety regulations, emission standards, other legal obligations: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Overall costs for water supply: EUR/m <sup>3</sup>			
Is a loan required?			
Your comments and additional information:			

<sup>1)</sup> We can offer dedicated desalination facilities Please email to: S.Samaha@SamahaGroupUSA.com.