

\*To develop the Energy and Mass balance as well as the Financial Model it is required that the prospective purchaser provides the required parameters for both the Thermo-Chemical Gasification and the Liquefaction Units. The accuracy of the prediction a



**Basic Technical and Financial Data Inputs to be used in modeling (INPUT DATA SHEET - FOR EACH PROJECTS, SEPARATELY)**

V14

Project Name (Place & Final Product):	TCG-UC ..... W2GE PROJECT			<b>PLEASE FILL ALL "GRAYS" IN!</b>
G1. Name of town and Region / Country				
G1. Name of Landfill site				
G1. Name of Input (feed) Material:				
G2. Project representative (contact) person				
Name of the prospective owner of the TCG plant				
Date of filling this form in / Name of person who filled it in:	Date: August 25, 2020.	Signature		
	Name: Mr/Ms./Mrs.			

"Central" coordinate of LANDFILL site		N/S , E/W	° (degree)	' (minute)	" (second)	Daily Quantity of MSW
G3.A	X					ton/day
G4.A	Y					
G5.A	Z	-	-			m
"Central" coordinate of PLANT site		N/S , E/W	° (degree)	' (minute)	" (second)	
G3.B	X					
G4.B	Y					
G5.B	Z	-	-			m
SAMPLE X	N	46	42		26,50000	
SAMPLE Y	E	24	42		14,13000	
SAMPLE Z	-	-	-		605,00	m

It is an official declaration that the data and information provided for the feedstock material in this form is correct and represents the feedstock material to accurately to our best knowledge.

Mr. X Y  
Corp name SEAL  
Dr. Y X  
Head of the Committee of Experts

The G3., G4., G5 (A and B) must be filled in for each LANDFILL site and for each TCG-UC Plant Site!!

**Daily Quantity and Tonnage price of Each Feedstocks "as received"**

REPRESENTATIVE SAMPLING: ([https://m-w.dk/product/rss-b-representative-sampling-systembulk/?gclid=CjwKCAjwstfkBRBoEiwADTmnEOZ9hV94EX96fL9mtBdKWgD72YRS-VlnuTudnw8Um9-wQPAYXGo4dhoCuDcQAvD\\_BwE](https://m-w.dk/product/rss-b-representative-sampling-systembulk/?gclid=CjwKCAjwstfkBRBoEiwADTmnEOZ9hV94EX96fL9mtBdKWgD72YRS-VlnuTudnw8Um9-wQPAYXGo4dhoCuDcQAvD_BwE))

Write the Names of Feed Materials in please! →	Coal	Refuse Derived Fuel (RDF)	Used Tire	Petroleum Coke (PetCoke)	NAME OF Other Feed Material No. V.	Municipal Solid Waste	From the point of view of the Project Firm !!
Daily Quantity (ton/day, TPD) (Estimated)							
Price (USD/ton) (negativ is turnover, positive is cost)						(30,00)	

**Other Parameters**

**END PRODUCT parameters related to GTE (Gas To Electricity) Unit (from point of view of TCG Project company)**

E1-E3

Name and Value of Basic Data	Price	Unit	Brief Explanation	(Including subsidization)
Selling price of Electricity		\$/kWh =	TCG SELLS the electricity TO the grid.	E1.
Cost of Electricity		\$/kWh =	TCG BUYS the electricity FROM the grid.	E2.
Selling price of Heat		\$/kWh =	TCG SELLS the HEAT ENERGY TO the Govern. or the heating system	E3.

**Other END PRODUCT parameters related to GTL (Gas To Liquid) Unit (from point of view of TCG Project company)**

2.2. B1-B5

Name of End Product(s)	Ethanol & Methanol	Diesel	Petrol	JET A1	Gasoline	(Including subsidization)
Selling price of End Product (USD/liter)						TCG SELLS the End Product the Governmental company or Organization BN
OR (USD/m <sup>3</sup> )						TCG SELLS the End Product the Governmental company or Organization BP1 BP2

**Salary per hour, other costs of Labour, length of shift in case of continuous running of TCG**

Engineering salary at TCG unit	0,00	US\$/hour	OR	Engineers	0,00	EUR /month	S1.
Workers salary at TCG unit	0,00	US\$/hour	OR	Workers	0,00	EUR/month	S2.
S3. Appurtenance %							S3.
Working hours per shift	8	hour					

C/ Basic parameters of Feed materials to be used	Coal	Refuse Derived Fuel (RDF)	Used Tire	Petroleum Coke (PetCoke)	NAME OF Other Feed Material No. V.	Municipal Solid Waste
Price of Feed material (USD/ton)	\$0,00	\$0,00	\$0,00	\$0,00	\$0,00	-\$30,00

It is an official declaration that the data and information provided about the feedstock material in this form is correct and represents the feedstock material to accurately to our best knowledge

Mr. X Y  
Corp name E2.  
Dr. Y X  
Head of the Committee of Experts

\* The modeling is based on these Basic Data provided by the Purchaser

PROXIMATE ANALYSIS (% in weight)	Visit: <a href="https://www.sgs.com/en/mining/analytical-services/coal-and-coke/proximate-and-ultimate-analysis">https://www.sgs.com/en/mining/analytical-services/coal-and-coke/proximate-and-ultimate-analysis</a>					
Moisture content (%)						
Ash content (%)						
Volatile Matter (%)						
Carbon content in the Volatiles (%)						
Fixed Carbon Content(FC) (%)						
Sulfur (%)						
Heating Value-as received (kJ/kg)						
Free carbon content on dry basis FC (%)						
ULTIMATE ANALYSIS (% in weight)	Visit: <a href="https://www.sgs.com/en/mining/analytical-services/coal-and-coke/proximate-and-ultimate-analysis">https://www.sgs.com/en/mining/analytical-services/coal-and-coke/proximate-and-ultimate-analysis</a>					
Carbon						
Hydrogen						
Sulphur						
Nitrogen						
Oxygen						
Ash(%)						
H <sub>2</sub> O Total (%)						
LHV (MJ/kg)						