

How to Assess a Biogas Project Viability in 10 Minutes with only 7 Questions

BY SNOW LEOPARD PROJECTS





Hi! We are Katharina & Walter!



Biogas Experts for the last 25 years



>50 Biogas Plants in 14 Countries
on 4 Continents



Practical Experience with Own
Plants since 1995



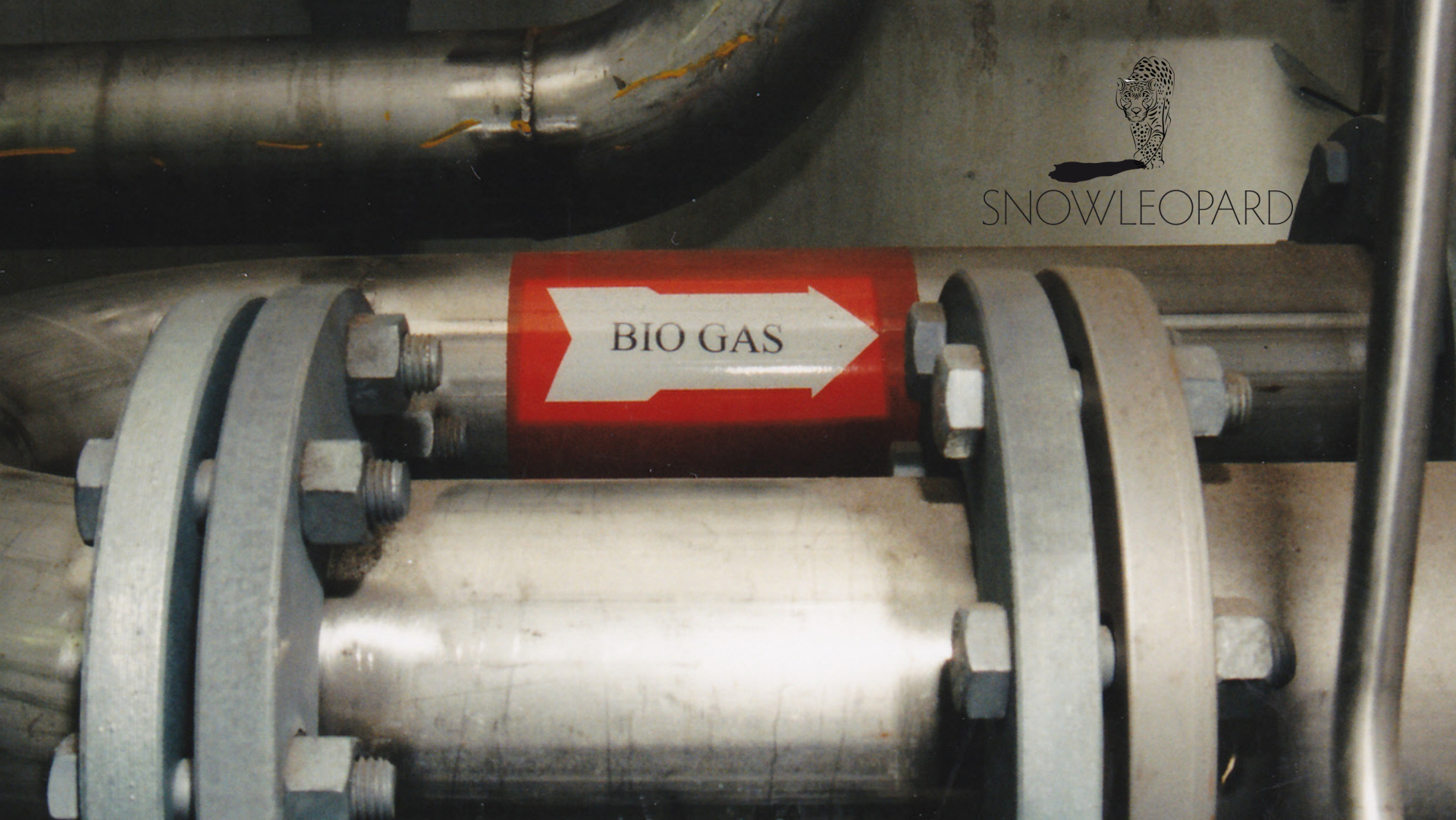
Carbon Sink Technologies Experts

7Q

FROM OUR 25+ YEARS BIOGAS EXPERIENCE AND 20 YEARS AFRICA, ASIA AND SOUTH AMERICA EXPERIENCE, WE DISTILLED 7 QUESTIONS, WHICH GIVE YOU THE INFORMATION, WHETHER TO PURSUE OR SKIP A BIOGAS PROJECT IDEA.

Question 1

Do you have a private buyer (company*), who buys all the produced electricity?



Biogas electricity is cheaper than diesel and more reliable than a fluctuating grid.

***this can be your own company**

Question 2

Does the buyer pay more than 10ct\$ for the kWh electricity?

You produce with a biogas plant bigger than 250 kW and free feedstock electricity for less than 10 ct/kWh. If the price you get from your customer is above 10 ct\$, you are most competitive.



Question 3

Is the feedstock for free at the site?



If the feedstock is for free, it is very likely that the biogas project is feasible, because 40-60% of the OPEX is regularly feedstock. Zero feedstock cost boost the profit.

Question 4

**Does the feedstock
come from maximum
3 sources?**



**You need a few big
sources. No scattered
collection from single
farmers or households.
Too much logistics.**



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Question 5

Is the feedstock secure for minimum 5 years?



The payback period is from 2-5 years depending on the local situation.

Make sure that your feedstock contract lasts longer than the payback period.



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Question 6

Can you use the heat of the CHP and replace fuel?

If you or a buyer has fuel consumption for steam or heat production, you replace fuel by heat of the CHP (jacket cooling, exhaust gas).

Question 7

Is there a market for fertilizer or can you use the fertilizer?

Biomass production and agriculture need fertilizer. As in a biogas plant the nutrients are in the final digestate, you have a valuable product to sell or to use internally.



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**If you have a
profitable biogas
project, email us and
we give you a free first
feasibility and output
calculation**

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