



Ama Mundu  
Technologies

... your designer &  
independant & innovative  
manufacturer

### AMA MUNDU Technologies

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Based on 30 years of experience in environmental and membrane technologies, Ama Mundu Technologies specializes in innovative turnkey solution for farmers and biogas producers.

Its original know-how consists in extracting high quality water from complex effluents while using very little energy.



LE GOUVERNEMENT  
DU GRAND-DUCHÉ DE LUXEMBOURG  
Ministère de l'Économie



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Reduce / Remove storage and spreading of  
digestate and slurry

Recover specific fertilizers & pure water

When Profitability



Meets Sustainability

An original solution Made in Europe designed and manufactured by



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**ACTUAL CASE**

0-15%  
V: 4 500t/an



**Rough liquid manure Digestate**

100% of the tonnage

V: 40 005t/an  
N: 0,44%  
P205: 0,52%  
K2O: 1,15%

Inputs return

**Separator**



**Dry matter**

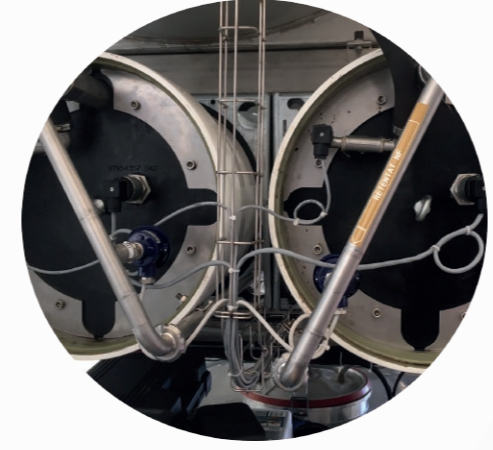
5-20%

V: 3 630t/an  
N: 1,46%  
P205: 3,40%  
K2O: 4,10%

V: 1-5%  
N: 1,2%  
P205: 2,5%  
K: 6,5%



**Nanofiltration**



**Fertilizer N-P-K**

**Liquid concentrated digestate**

5-25%  
V: 11 256t/an  
N: 0,83%  
P205: 0,62%  
K2O: 1,73%

**Original concentration process**



**Dry matter**



**Water**

V: 4-18%



**Liquid fertilizer N**

V: 3 619t/an  
N: 0,33%  
P205: 0,05%  
K2O: 2,10%

V: 0,1-1%  
N: 6%  
P: 0%  
K: 0,1%

**Reverse osmosis**



**Purified water**

50-80%  
V: 17 000t/an

