

DUCTOR'S GROUNDBREAKING
BIOTECH INNOVATION
CHANGES THE WORLD



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DUCTOR®

INNOVATIONS BEYOND

Ductor Corporation is a biotechnology innovator providing biogas operators with a unique portfolio of proprietary, patented, and tested technologies for improving the profitability and stability of their biogas businesses.

The patented Ductor® fermentation technology removes a controlled amount of nitrogen from the substrate prior to the anaerobic digestion process.



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HARNESS THE POWER OF UNDERUTILIZED BIOMASS WITH HIGH NITROGEN CONTENT

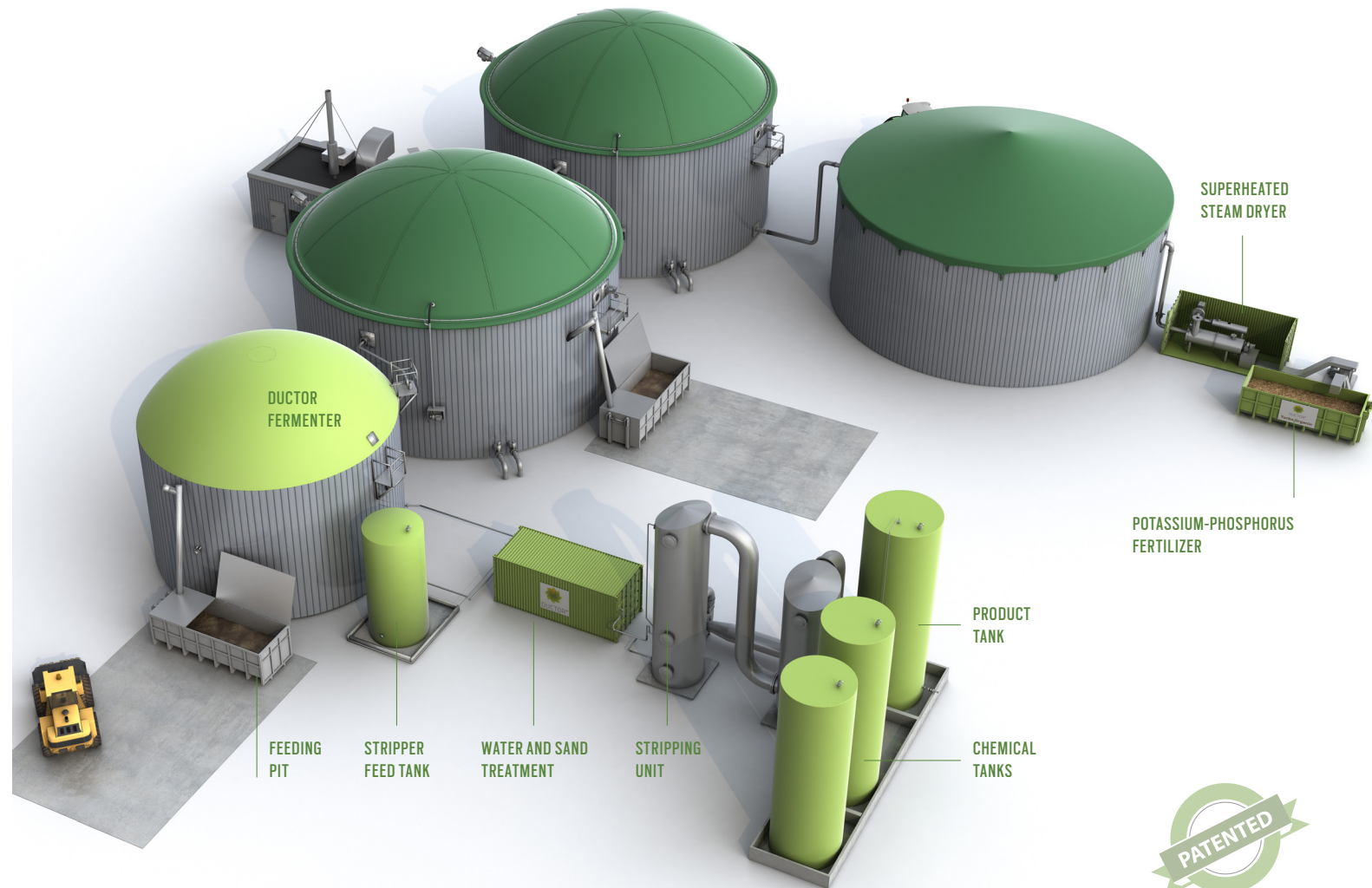
FROM WASTE TO PROFITS

Ductor® fermentation technology prevents ammonia inhibition in biogas production.

This is done by adding one fermentation step, prior to biogas fermentation, as well as a nitrogen stripping unit. Ductor's patented microbiological innovation eliminates the nitrogen dilemma by turning problem waste into profitable recyclable goods.

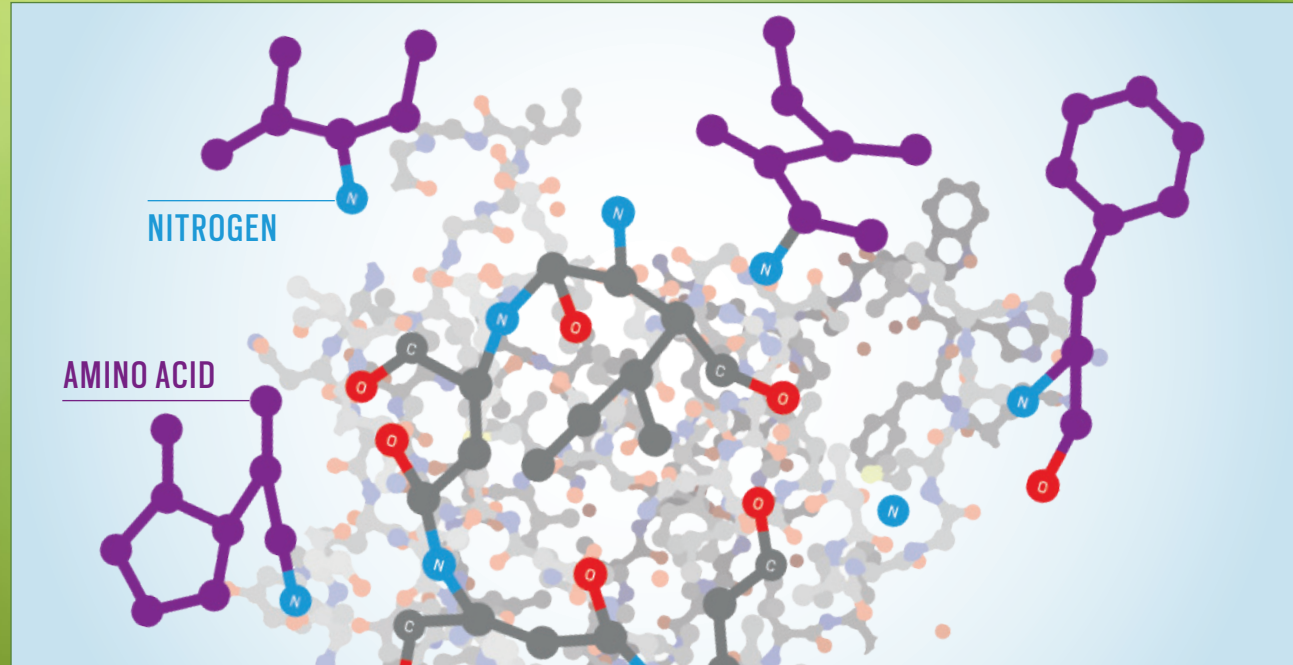
Ductor Corporation is on a mission to revolutionize biogas plant economics in a sustainable way. Ductor promotes biogas as one of the most important renewable energy sources, while supplying important food production components as fertilizers.

Check out the explanatory Ductor® fermentation technology video:



DUCTOR[®] FERMENTATION TECHNOLOGY ENABLES THE REMOVAL OF OVER 60% OF THE NITROGEN CONTAINED IN ORGANIC WASTE MATERIALS

The microbiological nitrogen removal process takes place before biogas production. This enables the utilization of high nitrogen content organic wastes as feedstock.

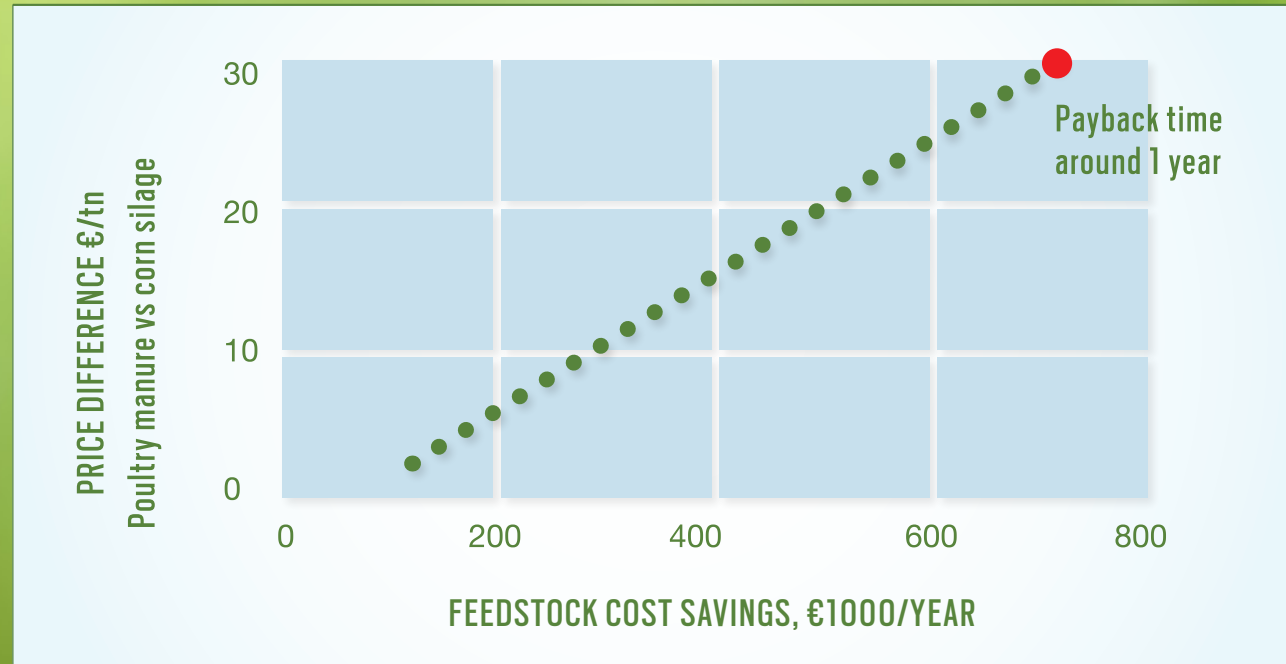


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UP TO 80% RAW MATERIAL COST SAVINGS CAN BE ACHIEVED

With Ductor® fermentation technology, biogas producers can replace expensive maize silage with inexpensive poultry manure as biogas feedstock.



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APPROXIMATELY 400 KG OF SOLID ORGANIC PHOSPHORUS FERTILIZER CAN BE PRODUCED FROM EVERY TON OF POULTRY MANURE

400 kg of fertilizer contains
17 kg of P_2O_5 and 13 kg of K_2O .

The potassium-phosphorus
fertilizer is pelleted and thus
soil friendly.



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ABOUT 80 KG OF AMMONIUM SULFATE CAN BE PRODUCED FROM EVERY TON OF POULTRY MANURE

The ammonium sulfate from
the nitrogen removal process
is N-fertilizer as such.



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GLOBAL PRESENCE



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