



## KEY DATA

### CAPEX



**\$70M**

### OPEX



**\$4M/y**

### PAYBACK



**<7 years**

### REVENUE



**\$14M/y**

### IRR



**18%**

## ORGANICS RECOVERY FROM MSW AND CLEAN ENERGY PRODUCTION

**NOWON** markets and develops a turnkey plant that turns raw Municipal Solid Waste into a consistent biogas stream. The **NOWON** solution pivots around its patented continuous autoclave technology specifically designed for the treatment of municipal solid waste called **BIOMAK®**

### NOWON SOLUTION

The **NOWON** solution is set up as a five-step system, involving: (1) pre-screening mechanical size separation, (2) continuous thermal pressure hydrolysis, (3) post-screening mechanical size separation, (4) anaerobic digestion and (5) biogas upgrading.

The key differentiating aspect of the **NOWON** solution is the **BIOMAK®** technology that enables and maximizes the recovery of organics from very complex waste streams such as mixed MSW.

### BENEFITS AND IMPACT

**NOWON** provides a highly profitable decarbonization solution attractive to both the private and public sectors. Landfill operators can extract the full energy potential from the organics in their incoming MSW, extending the useful life of landfill sites while eliminating harmful fugitive emissions forever. With this solution municipalities can maximize organics landfill diversion and secure compliance with existing and upcoming regulation such as SB1383.

### QUICK RETURN ON INVESTMENT

A standard project treats **260,000 tons** of waste per year and requires a capital investment of **\$70M**. This turnkey plant model offers an average biogas revenue of **\$14M/year**; with **\$4M/year** OPEX which translates into a 7-year payback.

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