

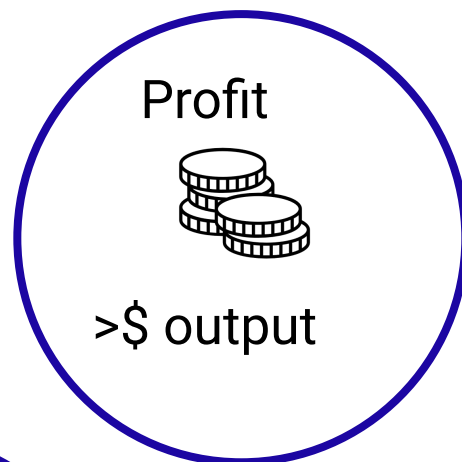
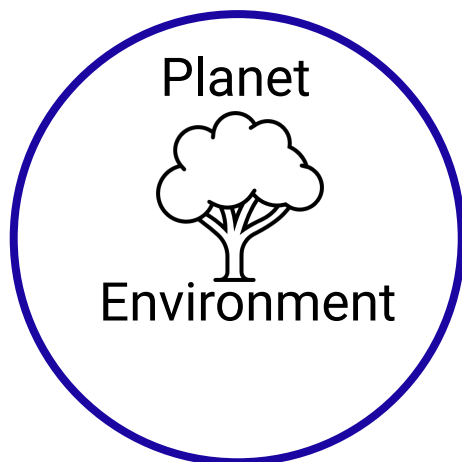


***“GROW MORE  
WITH LESS”***





# SUSTAINABILITY





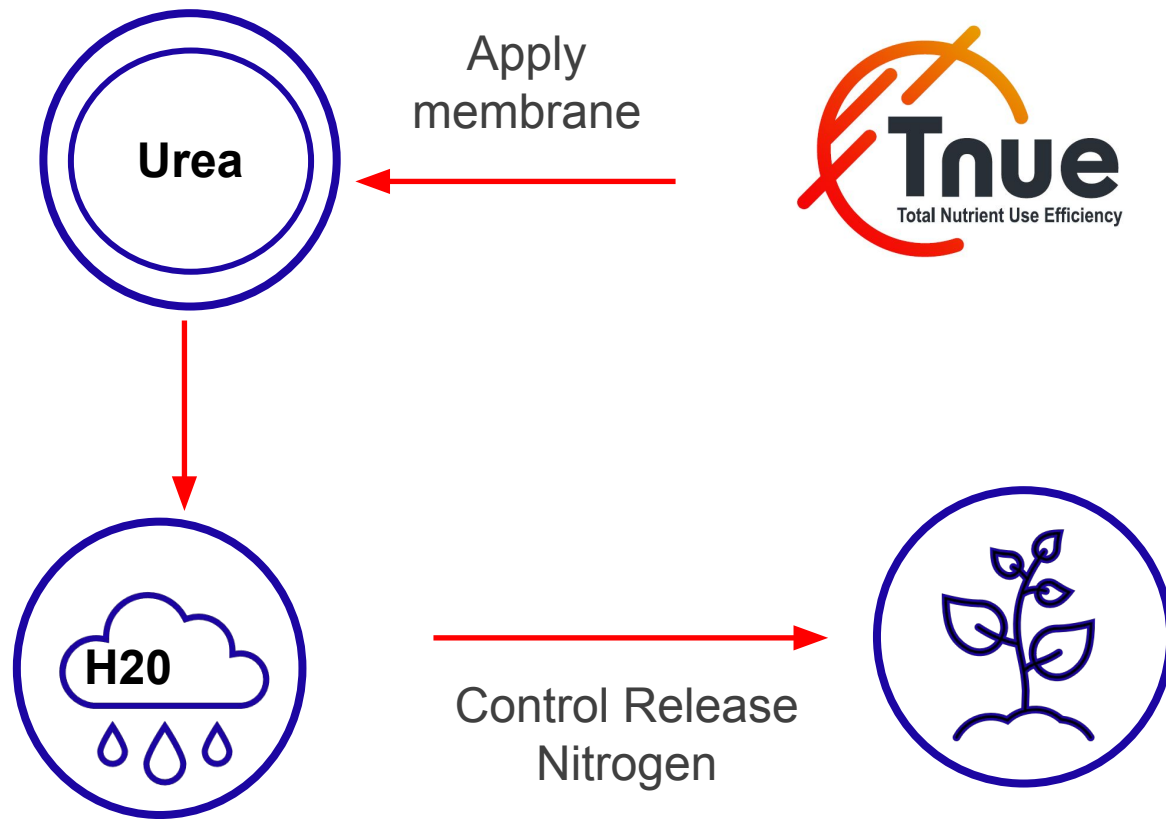


***“GROW MORE  
WITH LESS”***





# NITROGEN RELEASED BY CONTROL RELEASE MEMBRANE







## Zero Carbon Factory He Ahi Clean Energy Park

### Geothermal

- Secondary heat
- Electricity

Savings vs natural gas  
1,100 tCO<sub>2</sub>e





## Score Card

Planet	Based on 25% increase in NUE	Savings (30,000t Tnue CRM)
Production of Tnue CRM (Smartfert)	Geothermal vs Natural Gas	1,100 tCO <sub>2</sub> e
Urea Manufacturing	CO <sub>2</sub> emissions on production saving 10,000 tonne of urea being applied	50,000 tCO <sub>2</sub> e
On Farm	Emissions from nitrogen fertiliser	4,000 – 7,000 tCO <sub>2</sub> e
<b>Total Emission Savings</b>		<b>55-58,000 tCO<sub>2</sub>e</b>

### People

Less applications of fertiliser, more flexibility , less stress

### Profit

Increase net return with a 25% NUE on 190kg N cap /ha on a 150ha dairy farm = \$60,000



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WITH LESS”***

