



IH^{2†} Technology: Achieving Scale

BioEnergy 2016: Mobilizing the Bio Economy through Innovation
2D - Integrated Bio Refineries – Building Blocks to Success
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Integrated Hydrolysis & Hydroconversion
†IH² is a registered trademark of GTI

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Agenda Points

- What is IH² Technology?
- Risks and Mitigation – Constructing a Technology ‘Supply Chain’
- Timeline



What is IH² Technology?

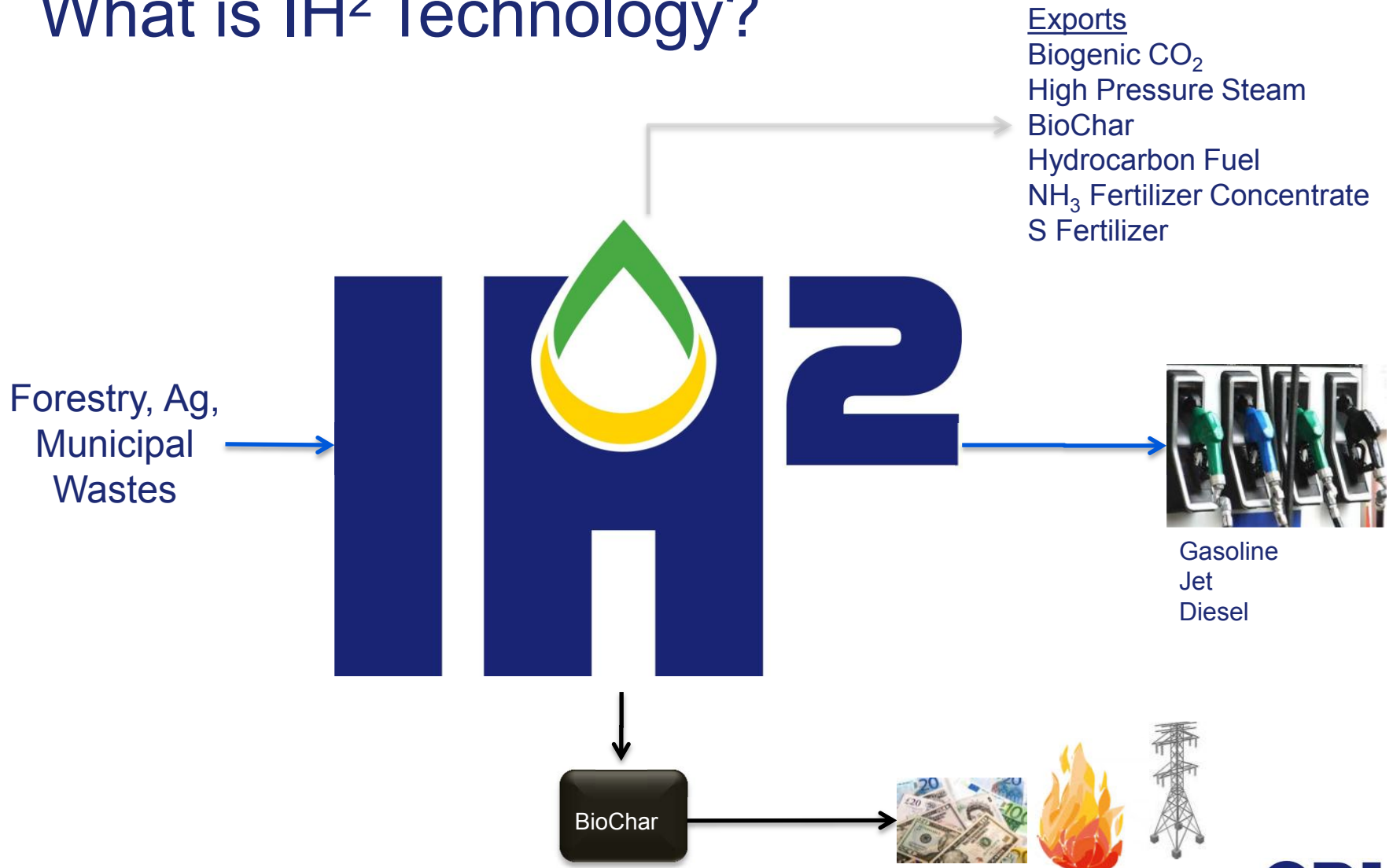
An Overly Simplified View

IH² technology takes only minutes to achieve what Nature requires millions of years to

But it does her one better by providing *refined* fuel

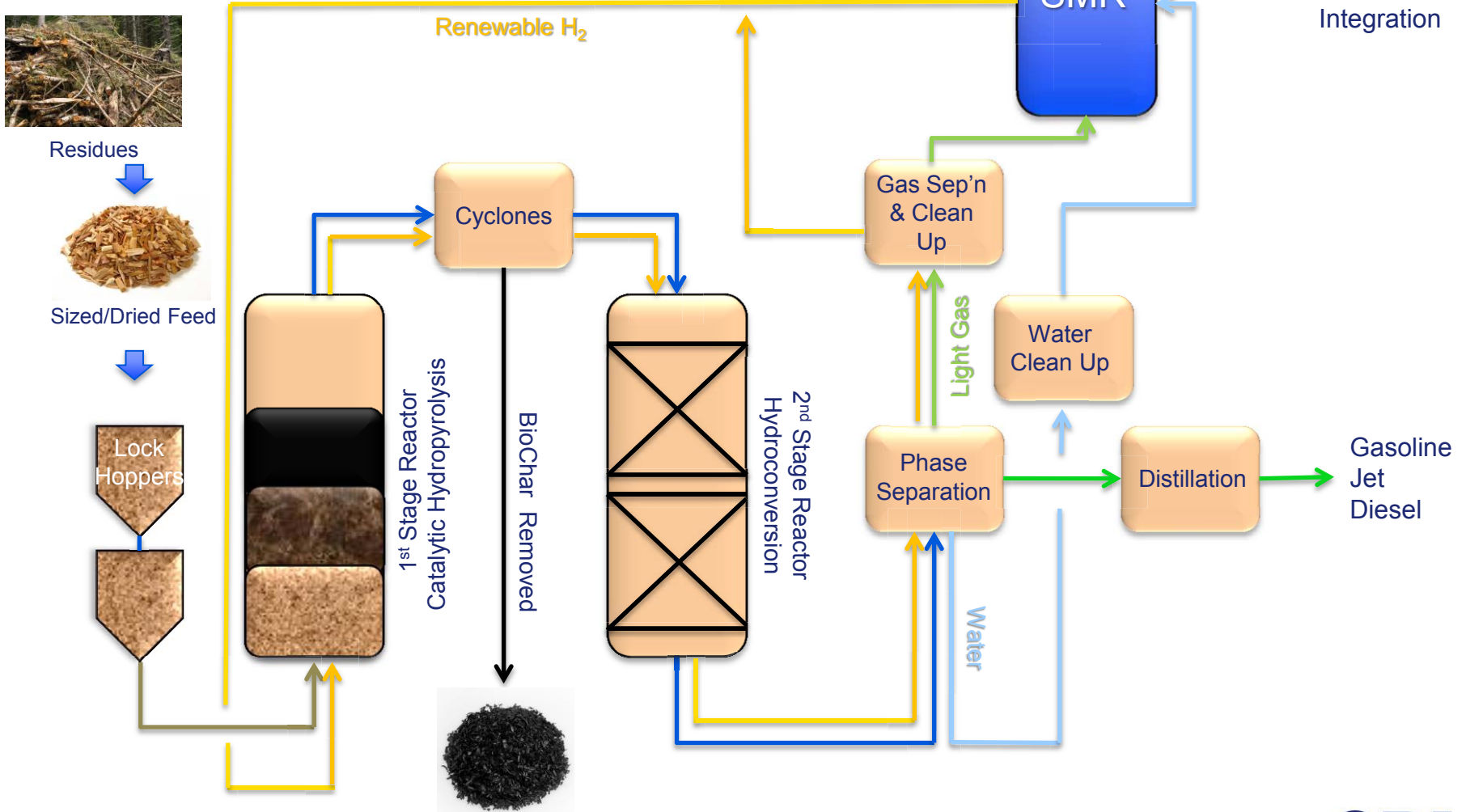


What is IH² Technology?

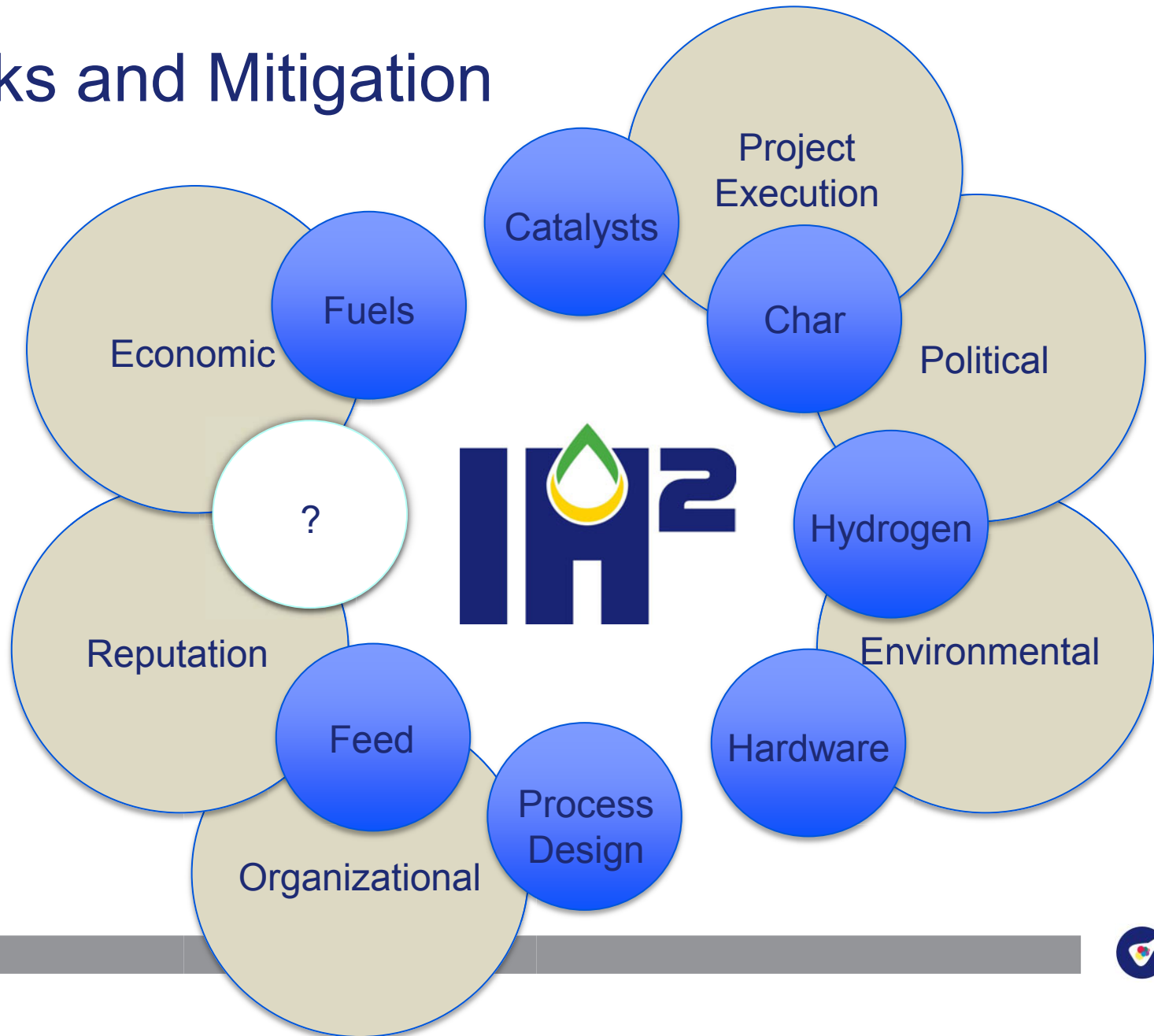


What is IH² Technology?

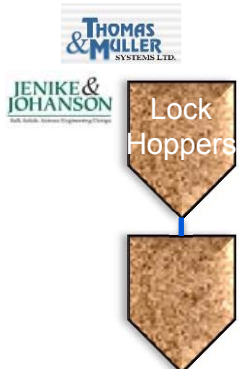
Commercial Hardware
Integrated for 1st Time
Flexible wrt
Feed
Location
Integration















Risks and Mitigation



Risks and Mitigation



Risks and Mitigation - Alliance Partnerships

	<p>Process design, process assurance, intellectual property rights, 40 years commercial BBFB experience and IH²-50 pilot (50kg/d continuous) scale testing. www.gastechnology.org</p>
	<p style="font-size: 2em;">Alliance Partnerships created to address what we know that we don't know</p>
	
	
	
	
	
	
	
	
	
	<p>www.mtu.edu</p>



Timeline



Prove the Reliability & Profitability
2020+

>200,000L/day
IH²-500tnd

Pro

Pro

0.02L/day
Bangalore
EE 2nd Stage Test



Customer Partnerships
created to address what
we don't know
that
we don't know
and continuously improve...



Thank You

Learn more at
<http://www.cricatalyst.com/catalysts/renewables.html>

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