



Moving Forward Innovative Industries

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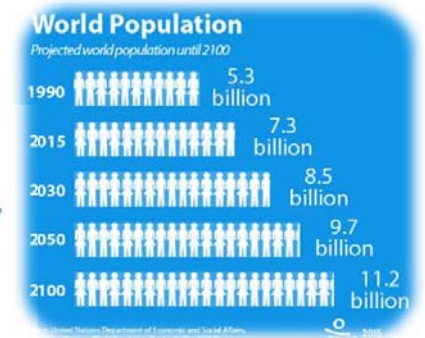
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November 16th 2020

Moving Forward: Why?



Climate Change



Increasing Population



Demand for Sustainability

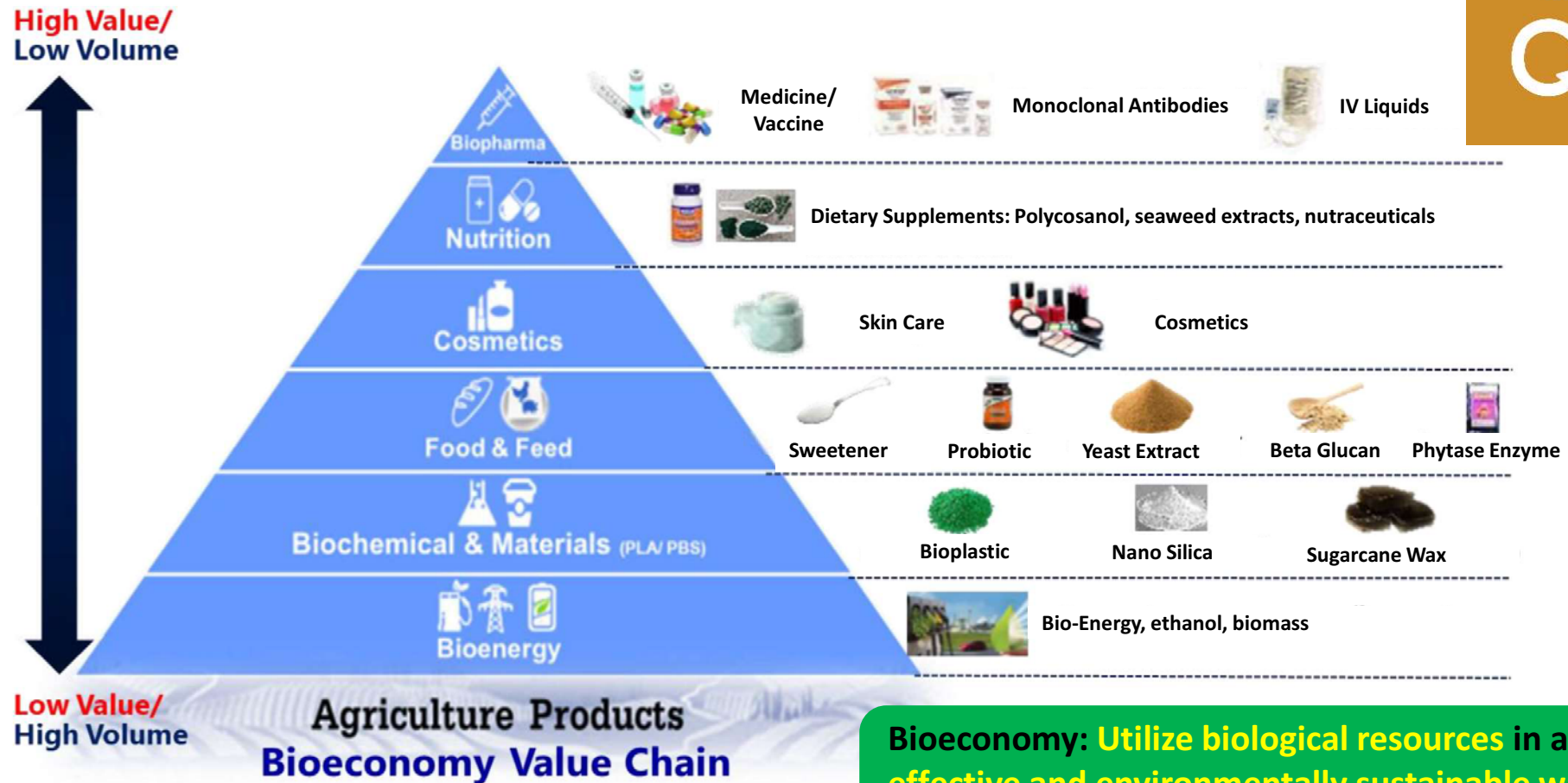
Why industries have
to move forward
faster



Limited Resources

Picture source: climate.nasa.gov, srchamber.com, UN.org

Bioeconomy: Which Direction?



Bioeconomy: Utilize biological resources in a cost-effective and environmentally sustainable way by using technology to increase efficiencies and value

MITR PHOL Modern Farm Model

Sustainable Sugarcane Farming



Cane Leaf / Soy Cover Crop



Reduce Water Use

- Drip Irrigation



Less Chemicals

- Bio Controls
- Bio Fertilizer
- PGPR



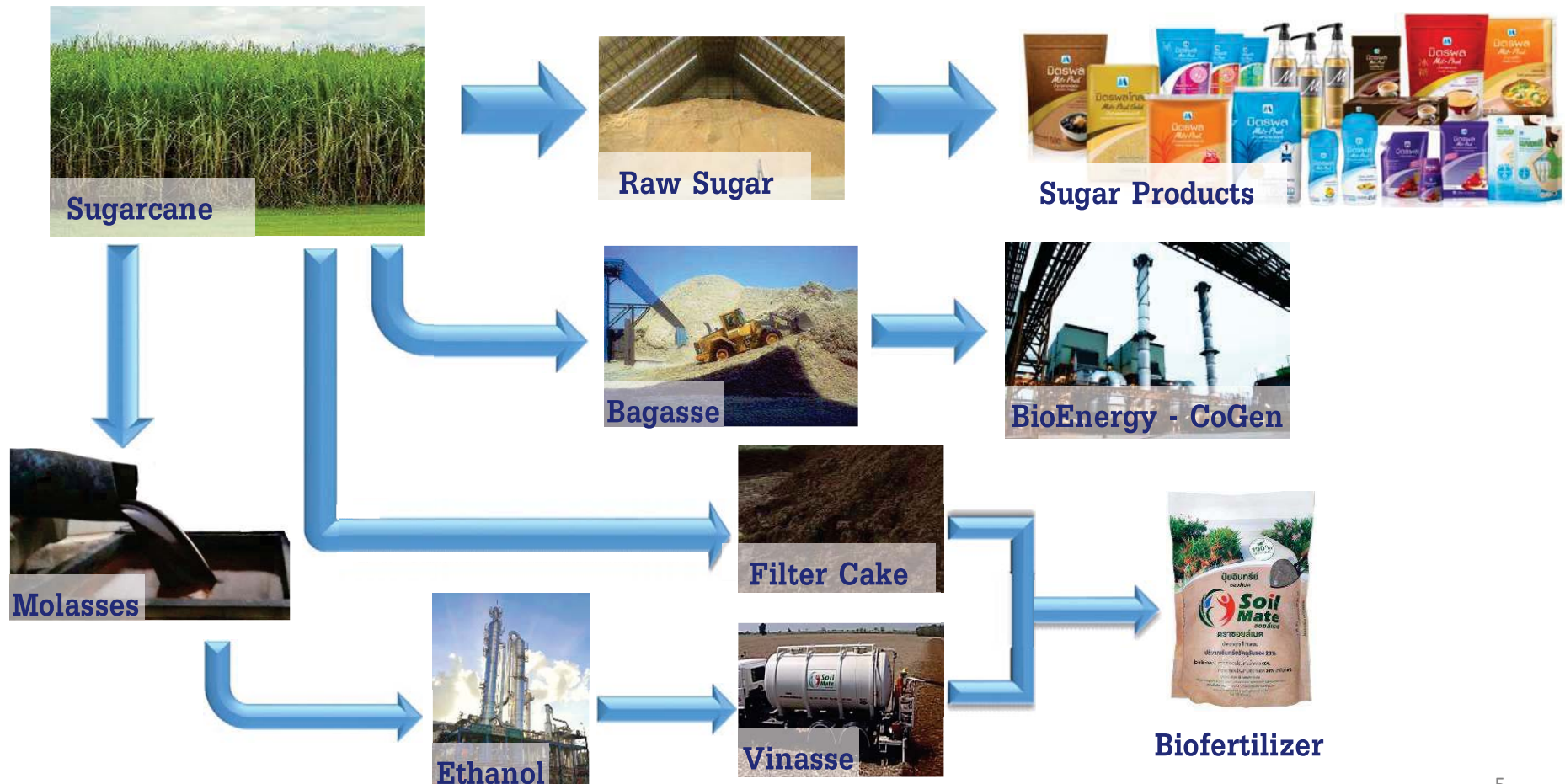
Green Harvesting



Sustainability Certification

- Independent Certification

MITR PHOL: Waste to Value Model



How to Create Profit?

BUSINESS | JOURNAL REPORTS: LEADERSHIP

CEOs Increasingly See Sustainability as Path to Profitability

By [Dieter Holger](#) and [Olivia Bugault](#) Oct. 12, 2020 4:40 pm ET

THE WALL STREET JOURNAL.



Sustainable investing is surging. How to decide if it's right for you

PUBLISHED THU, NOV 5 2020 9:00 AM EST



Creating Profit through Sustainability

Profitability



Sustainability



Community Development

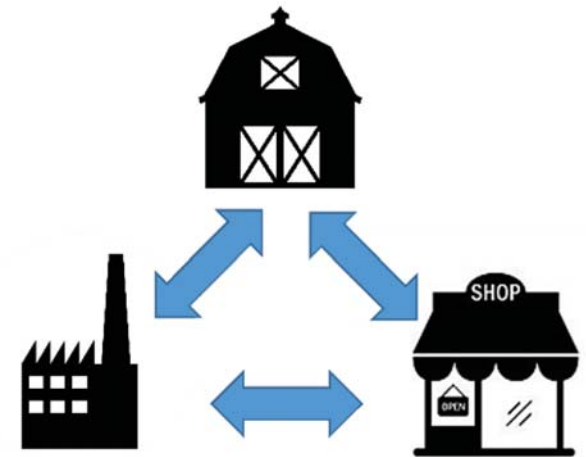
- Partnership Schools
- Farmer Education



More than 30 Years Contract Farming

Innovative Industry: How?

Innovation of an Industry requires collaboration across the whole value chain



**Collaborative
Value Chain**

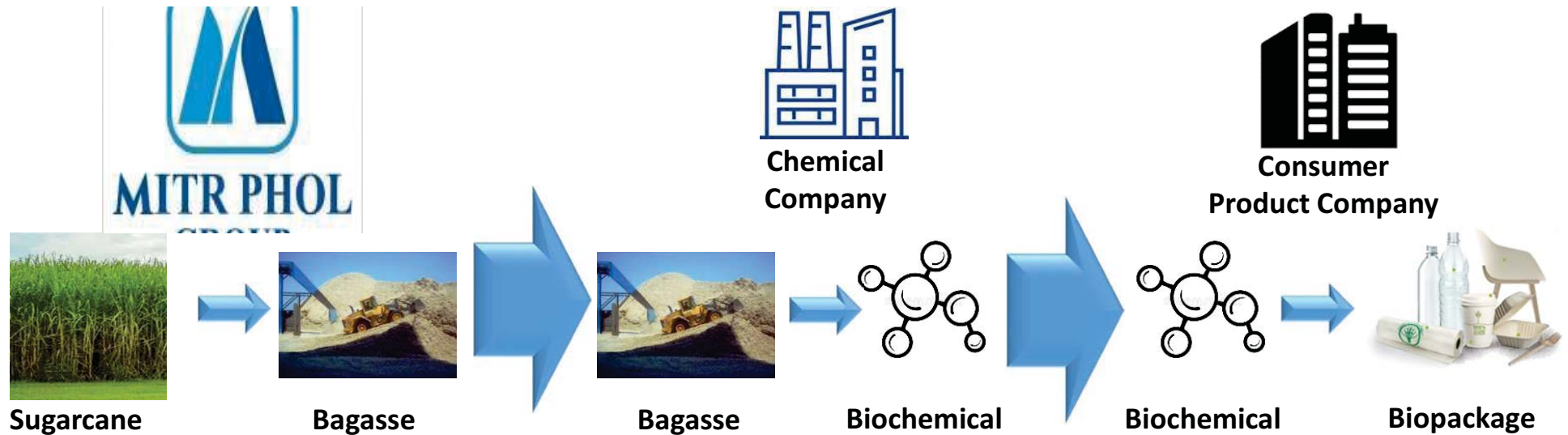
Working with Suppliers for Sustainable Food Supply Chains

Even companies making steady progress cannot go much further without collaborating across the value chain.

By Jenny Davis-Peccoud and Sasha Duchnowski March 13, 2018 • 9 min read

BAIN & COMPANY 

Innovative Industry: Partnership, How?



Conclusion

- Development of partnerships across the value chain will be vital to solving climate related big problems
- Partnerships that span the value chain will speed adoption of industry wide innovations
- Companies can still partake in their traditional business in addition to these partnerships





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CREATING VALUE FOR A SUSTAINABLE LIFE