

A BENEFICIAL USE CASE

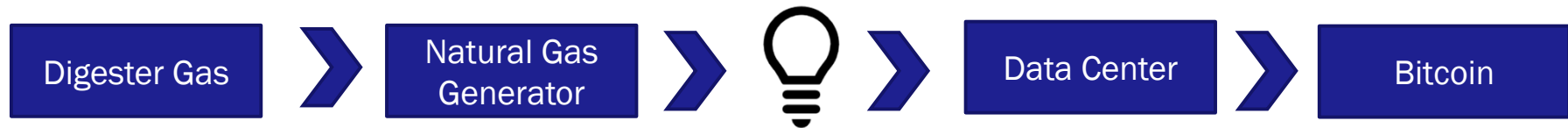
PRESENTED TO THE UNIVERSITY OF TEXAS SENIOR CHEMICAL ENGINEERING PLANT DESIGN CLASS
AS PART OF A DISCUSSION OF ENVIRONMENTAL CONSIDERATIONS FOR THEIR BIODIGESTER DESIGN
10/18/2021 – CHE 473K, BRUCE ELDRIDGE

BITCOIN MINING



<https://www.dairyreporter.com/Article/2020/05/14/From-cows-to-cars-Valio-biogas-from-manure>

BITCOIN MINING PROCESS



Crypto-mining is energy intensive.

Looking for off-grid power to fuel the mining computers.

Environmentally do not want to power by coal.

By capturing animal feedstock emissions, turn wasted BTUs into usable energy.



Courtesy Upstream Data

BITCOIN BUSINESS CASE



Dairy manure will generate 380 Btu/hr per animal after providing heat for the digester



1000 head x 380 Btu/hr = 380,000 Btu/hr



Generation is 85% efficient = 323,000 Btu/hr



Equivalent to 100 kW



100 kW will provide enough electricity generation to produce ~2 BTC per year, or \$120,000

YOU HAVE JUST CREATED GREEN CARBON NEUTRAL BITCOIN



Credit Kat Galloway when you make your millions.
White paper to be published today.

QUESTIONS?

WE'RE HIRING!

Kat Galloway
President



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