Bill Brandt
Director of Strategic Integration, ASU LightWorks
July 10, 2010

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- Untapped solar resources
- Saline and/or “waste” water resources
- Rural/Agricultural background & focus
- Strong university research community
- Well-educated workforce focused on innovation
- Available & affordable non-arable land

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Investing & Collaboration

SCIENCE foundation ARIZONA

- Identify ideas and build partnerships
- Engage world-class experts to review and validate quality
- Manage the research and education work
- Track outcomes

Arizona can be a world-class Center of Excellence for algae technology & production

AzCATI
Arizona Center
for
Algae Technology and Innovation
Arizona = Algae
the fuel that will power the future

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Heliae Story

April 2008,
ASU Lab

May 2012,
Commercial Plant
Ground Breaking

SCIENCE foundation ARIZONA

ASU

heliae

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5-Year Algae Timeline in AZ

Sommerfeld & Hu, no. 11 Time Magazine's Top 50 Inventions of the Year, 2008

Representative Matt Heinz visited LARB, May 2009

Tom Chabin & Daniel Patterson visit LARB, June 2009

Representatives Chad Campbell, Vic Williams, Arizona Algae Innovation Awareness Week, 2010

$4m grant from Science Foundation Arizona, AzCATI, 2010

SABC and NAABB grants were awarded, September 2010

Heliae leaves ASU & establishes facility in Gilbert, 2011

Collaboration with University of Arizona, 2012

Representative Tom Forese & Jeff Dial, Sandra Watson from ACA visited AzCATI, Nov. 2011

AzCATI Grand Opening, Feb '12

AZ legislation passed, April 2012

2008 2009 2010 2011 2012

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National Open Testbed

www.azcati.com

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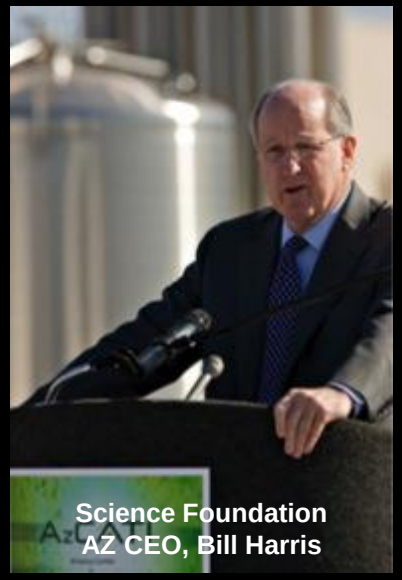
The AzCATI Story

February 21, 2012

ASU College of Technology & Innovation
Dean, Mizi Montoya
AzCATI Director, Milton Sommerfeld

AZ Governor
Jan Brewer


Science Foundation
AZ CEO, Bill Harris

Heliae CEO,
Dan Simon

www.azcati.com

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Arizona Incentives

- Algaculture = Agriculture
- Solar Liquid Fuel Tax Credit
- Commercial/Industrial Solar Energy Tax Credit
- Job Training Program
- R&D Tax Credit Program

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Conclusions

1) Community of interest
2) Community of practice
3) Community of innovation & development

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asulightworks.com