

# Rice University Strategic Space Forum

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A Presentation on the Bay Area Houston Advanced  
Technology Consortium

July 1, 2011

Property of Bay Area Houston Economic Partnership. July 2011



# Bay Area Houston Advanced Technology Consortium (*BayTech*)

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A public/private technology partnership  
which retains and creates jobs for  
Houstonians

# September 12, 1962

*We choose to go to the moon in this decade and do the other things, not because they are easy, but because they are hard...*



# September 12, 1962

*We choose to go to the moon in this decade and do the other things, not because they are easy, but because they are hard...*



*Houston, your City of Houston, with its Manned Spacecraft Center, will become the heart of a large scientific and engineering community.*

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# September 12, 1962

*We choose to go to the moon in this decade and do the other things, not because they are easy, but because they are hard...*



*This city of Houston, this State of Texas, this country of the United States was not built by those who waited and rested...it was conquered by those who moved forward...and so will space!*

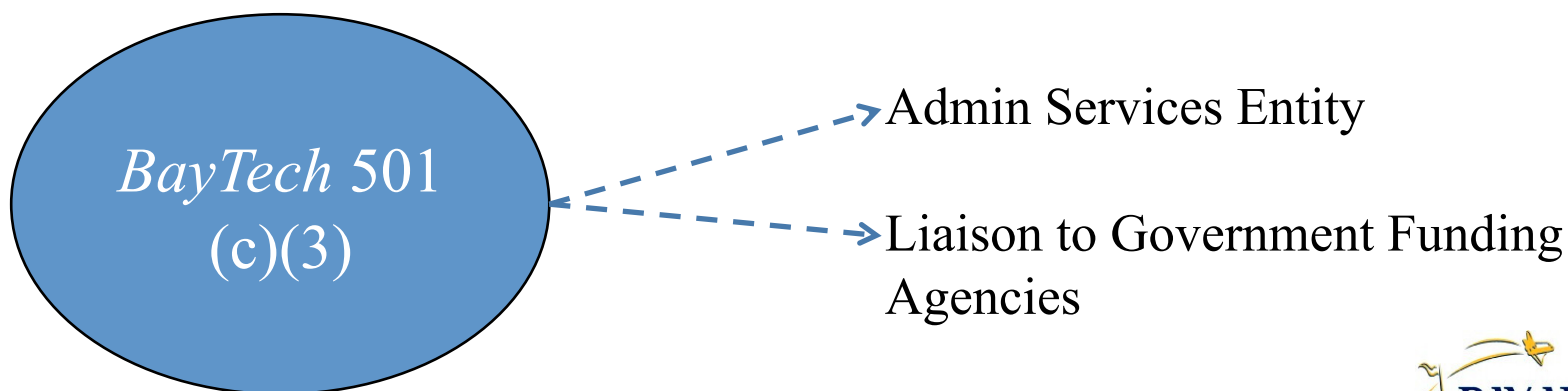
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# *BayTech's* Business Proposition

*BayTech* is a new not-for-profit consortium that links business and academic participants together to create technology solutions for federal agencies thereby:

- Creating and preserving Houston jobs
- Generating revenue streams for consortium participants



# D.C. Source Agencies/Target Technologies

## Targeted federal agencies:

- Department of Transportation
- Department of Energy
- Department of Defense
- Defense Advanced Research Projects Agency
- Department of Homeland Security

## Crossover technologies (our existing knowledge base):

- Imagery
- Cyber Security
- Power Generation, Storage, Management
- Communications, Command & Control
- Advanced Materials // Dual use
- Life Sciences
- Green Applications



# *BayTech* Maximizes Collaboration

Consortium Participants – Business/Academia/Government:

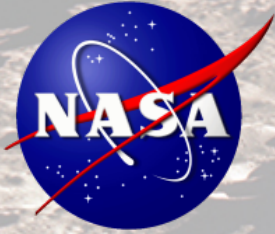
- Aerospace contractor community (also specialty chemicals, energy, medical/health, etc. sectors)
- Rice University, Texas A&M University, University of Houston, University of Houston-Clear Lake, University of Texas, Lamar University, et al.
- College of the Mainland, San Jacinto College, et al.
- NASA JSC
- Local and state governments



# *BayTech* Region ≈ 150 Miles Surrounding Houston

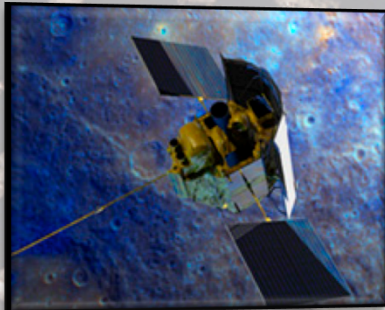


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# State of Texas / Johnson Space Center

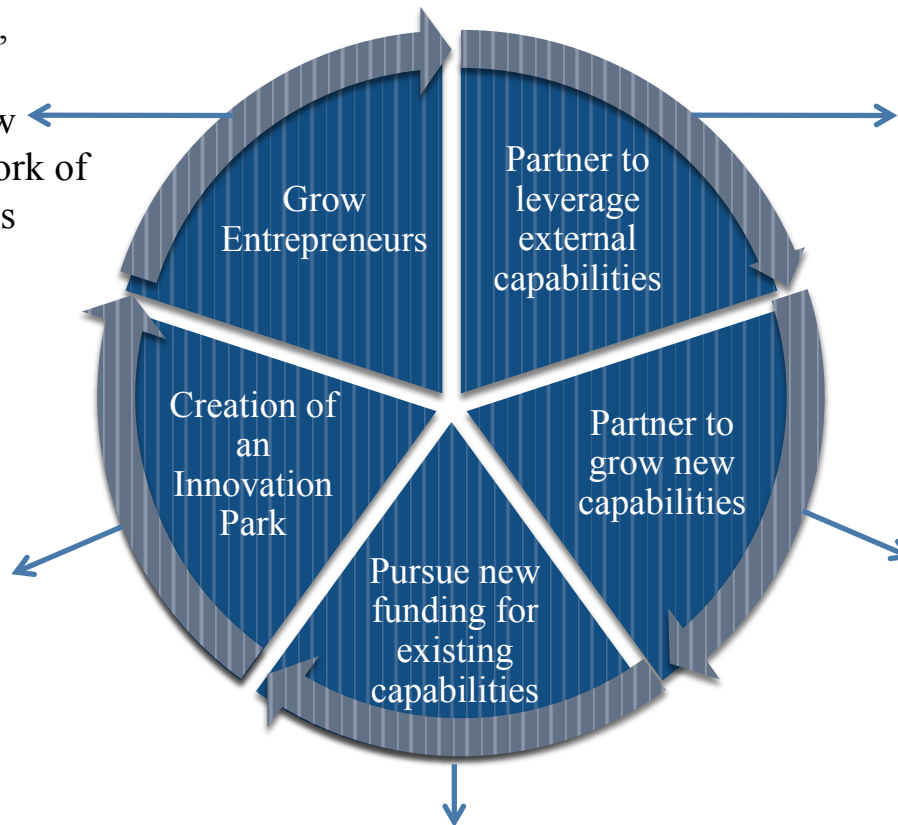
New Innovation Center/Park



# Proposed Activities Model

The **Houston Technology Center** provides training, incubation, and commercialization of new businesses. HTC's network of venture capital companies complements the model.

The **State of Texas** leverages the capabilities of the JSC community as the first in a series of innovation and technology parks across the state.



**BayTech** pursues R&D projects and external funding from government and private sources and provides admin services through a not-for-profit organization.



# Proposed Site of Innovation Center



# Summary

By creating one overarching, umbrella organization – which brings together academia, industry, HTC, *BayTech*, NASA's JSC, and the State of Texas – the new consortium will:

- Create/retain Houston's workforce & knowledge base
- Generate new revenue streams for all involved
- Maximize future opportunities for Texans!

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Thanks!

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