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# ***The Next Giant Leap for PISCES: The Lunar Research Park and University***

**Presented at the JUSTSAP Symposium  
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# THE CONCEPT

- **A Terrestrial Prototype of a Future Research Park and University on the Moon**
- **A Multinational, Public/Private Partnership**
- **Research and Education to Sustain Life on the Moon and Beyond**
- **Expanding to the Moon via Robotic Village**
- **Infrastructure-Based Exploration and Settlement**



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# PISCES

- **PISCES is already established and the name is known widely within NASA, the international space exploration community, the Hawai`i State Legislature and the local Big Island community.**
- **It is currently doing some of the things that would be done at the new Lunar Research Park and University and enabling some others.**
- **Expanding PISCES would not raise red flags with the local populace as would a new development.**
- **Keeping the PISCES name would avoid confusion.**
- **Goals parallel NASA's: promote STEM education through the excitement of space exploration, engage the international space community and involve commercial entities.**



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# Hosting Tests



***NASA, CSA/NORCAT, DLR and Many Companies***



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# ENGAGING SCHOOLS



2010



**Local K-12 Schools, NASA, DLR & PISCES Speakers**



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# REACHING OUT



***Cultural Advisory Council, Onizuka Day, Big  
Island Science Fair, SpaceClass***



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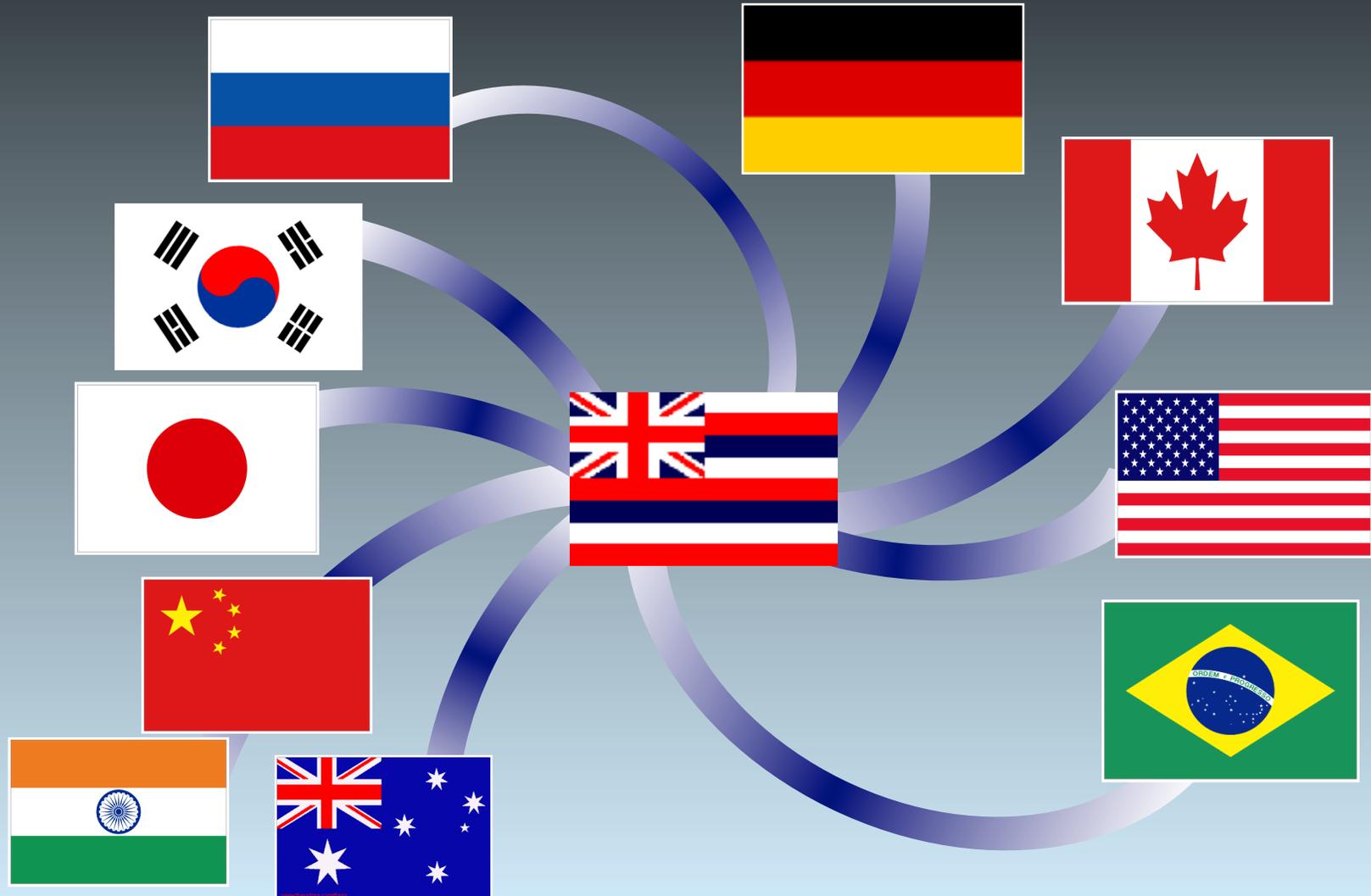
# PISCES ON STEROIDS

- **Now is the time for a collaborative, international, infrastructure-based approach that takes full advantage of private/public partnerships.**
- **Prototyped in Hawai`i with its lunar-like terrain and soil.**
- **Innovative Approaches to Sustainable Living on the Moon and Beyond**
- **A Testbed for Business Plans**
- **Step-by-Step Infrastructure Development Coordinated with Research for Business Plans.**



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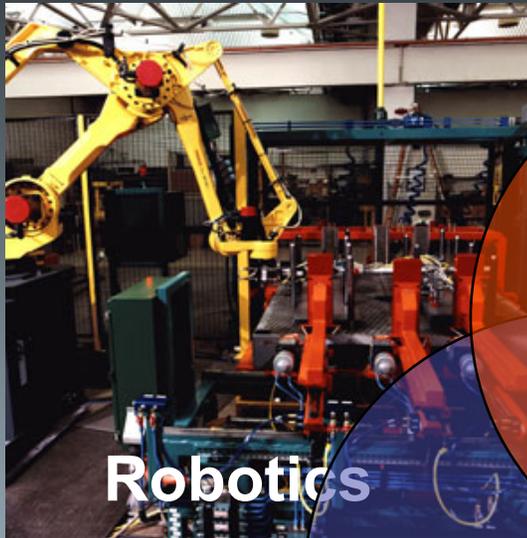
# International





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# Commercial



Industry  
Resources  
Expertise  
Products  
Markets

Government  
Resources  
Expertise  
Missions

University  
Resources  
Expertise  
Students



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# Education

*Don't Forget the Kids!*



# Conclusions

## *A No-Brainer*

- **PISCES should be expanded to encompass the proposed Lunar Research Park and University.**
- **The PISCES name is well-known.**
- **PISCES has strong support in the State Legislature.**
- **The PISCES goals parallel NASA's: International, Commercial, STEM Education.**
- **Expansion of PISCES will be viewed favorably at UHH and on the Big Island.**