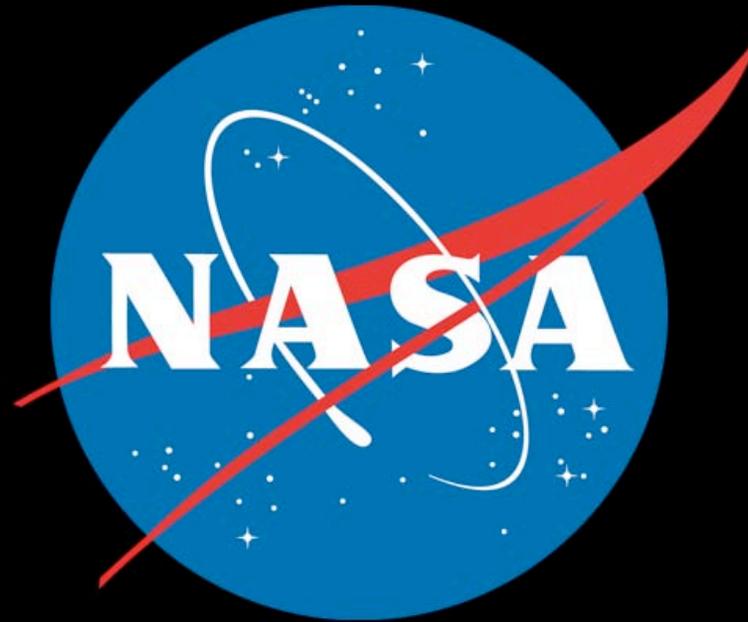


Powering the Future



Doug Comstock

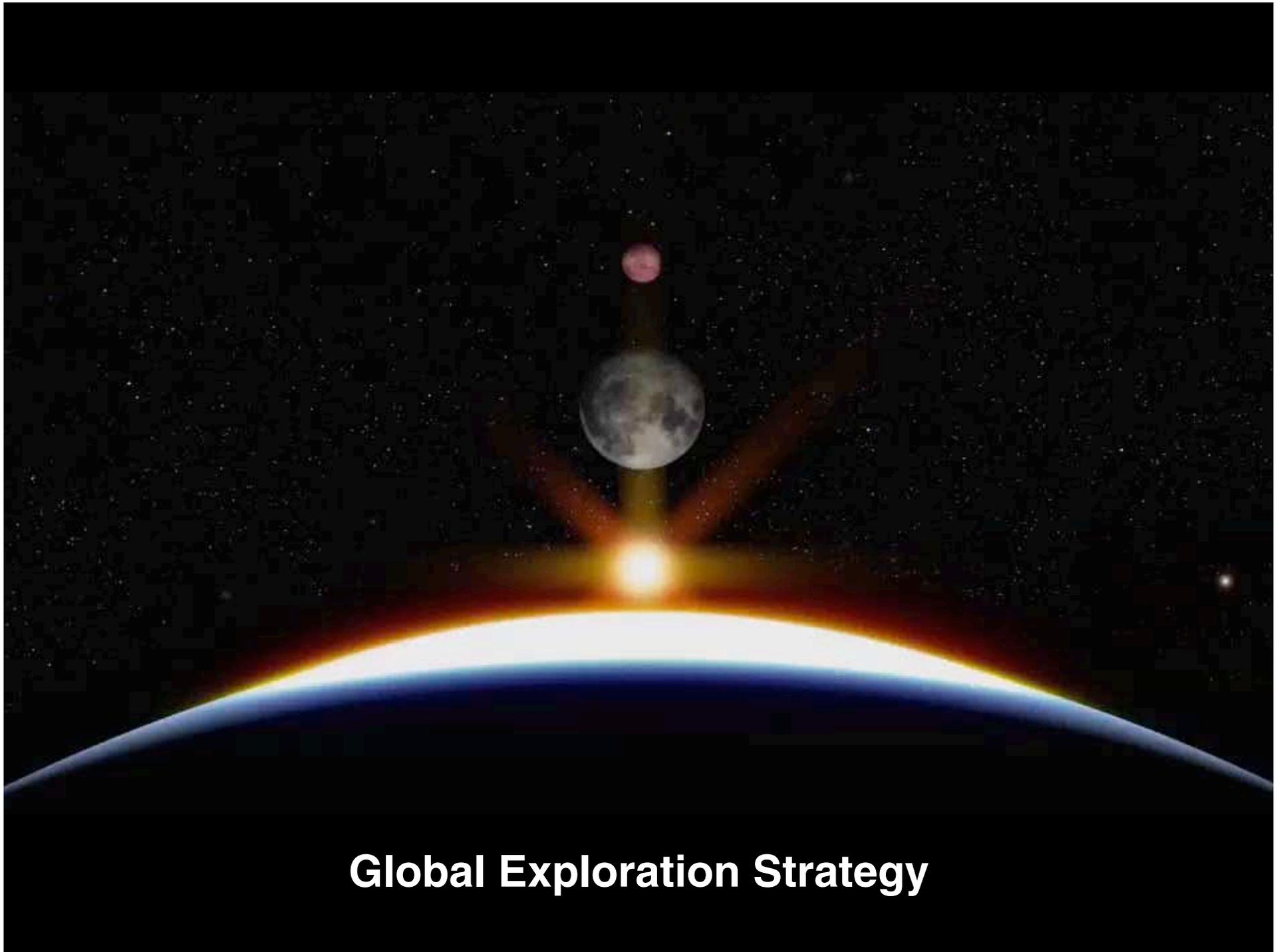
Director, Innovative Partnerships Program

Florida Economic and Job Summit

July 27, 2007 St. Petersburg, Florida

NASA's Strategic Goals

- **Fly the space shuttle as safely as possible until its retirement, not later than 2010.**
- **Complete the International Space Station in a manner consistent with our international partner commitments and the needs of human exploration.**
- **Develop a balanced overall program of science, exploration, and aeronautics consistent with the redirection of the human spaceflight program to focus on exploration.**
- **Bring a new Crew Exploration Vehicle into service as soon as possible after shuttle retirement.**
- **Encourage the pursuit of appropriate partnerships with the emerging commercial space sector.**
- **Establish a lunar return program having the maximum possible utility for later missions to Mars and other destinations.**



Global Exploration Strategy

NASA Explores For Answers That Power Our Future

Inspiration

- ▶ NASA powers inspiration that encourages future generations to explore, learn, and build a better future.

Innovation

- ▶ NASA powers innovation that creates new jobs, new markets, and new technologies.

Discovery

- ▶ NASA powers discovery that enables us to learn more about ourselves, our world, and how to manage and protect it.

Inspiration + Innovation + Discovery = Future



Innovative Partnerships Program



Providing leveraged technology investments, dual-use technology-related partnerships, and technology solutions for NASA.

Innovative Partnerships Program Elements

Technology Infusion



- Small Business Innovation Research (SBIR)
- Small Business Technology Transfer Research (STTR)
- IPP Seed Fund

Innovation Incubator



- Centennial Challenges
- New Business Models
- Innovation Transfusion

Partnership Development



- Intellectual Property Management
- Technology Transfer
- New Innovative Partnerships

Florida Activity over Last Decade

- **Florida Based Organizations Have Entered Into Well over 500 Partnerships With NASA**
 - **Licenses & Technology Transfer Agreements**
 - **Software Usage Agreements**
 - **Cooperative Research & Development Agreements**
- **99 Florida Small Businesses Received 155 Innovation Research and Technology Transfer Contracts With Value of nearly \$50 million**
- **33 Successful Technology Transfer Examples Documented in NASA's Annual Spinoff Publication**
- **From NASA-wide funding sources, Florida universities have received more than 350 grants/contracts over the last 10 years worth more than \$140 million**

Significant Recent Agreements

- **Space Life Sciences Laboratory**
 - **\$30 million from State of Florida**
 - **Creates unique research environment for Florida colleges and Universities**
- **Orion Crew Exploration Vehicle Final Assembly**
 - **\$35 million from State of Florida**
 - **Creates 400 jobs for final assembly of Orion, NASA's new crew exploration vehicle**
- **NASA continues to work closely with the State of Florida to explore opportunities for future partnerships and job creation**

Benefits to Humanity



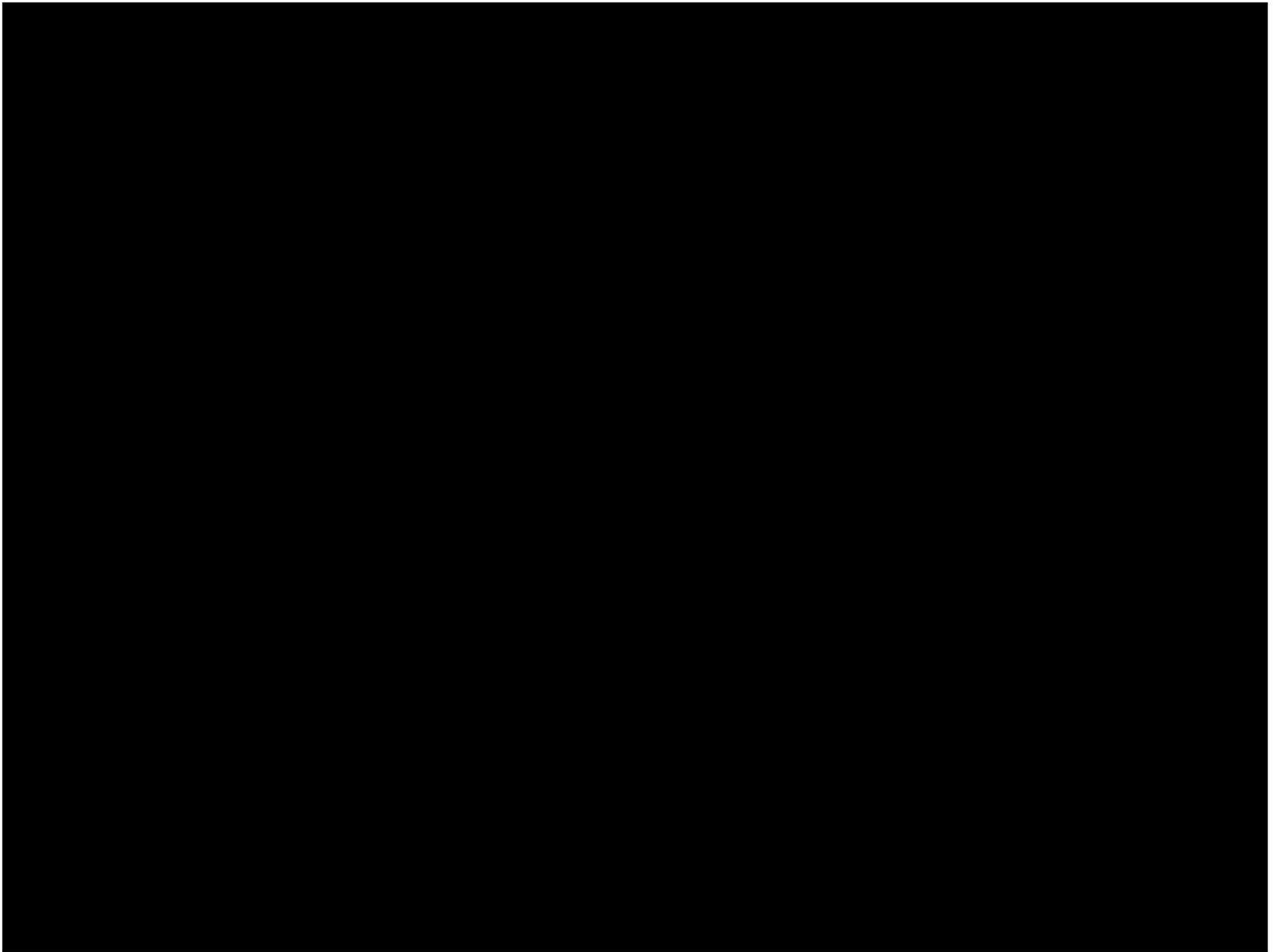
Advanced Water Purification Systems
AJT & Associates, Cape Canaveral, FL



Ingestible Thermometer
HQ, Inc., Palmetto, Florida



Groundwater Remediation
Geosyntec, Titusville, Florida
University of Central Florida

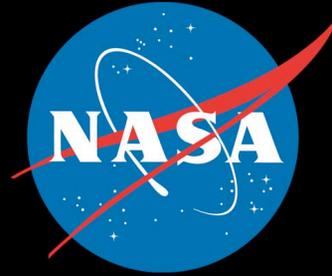


Upcoming Florida Events

- Excellent ISS viewing for St. Petersburg August 1-3
 - <http://spaceflight.nasa.gov/realdata/sightings/index.html>

- Phoenix launch to Mars on August 3
- STS-118 to launch NET August 7 to the ISS
- Dawn launch to orbit asteroids in September





National Aeronautics and Space Administration

www.nasa.gov
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