NAVIGATING GLOBAL WATER BANKRUPTCY: Architecting Abundance through Innovation & Technology

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April 15, 2026

THE UNIVERSITY OF ARIZONA
Research & Partnerships

Arizona: A Living Laboratory

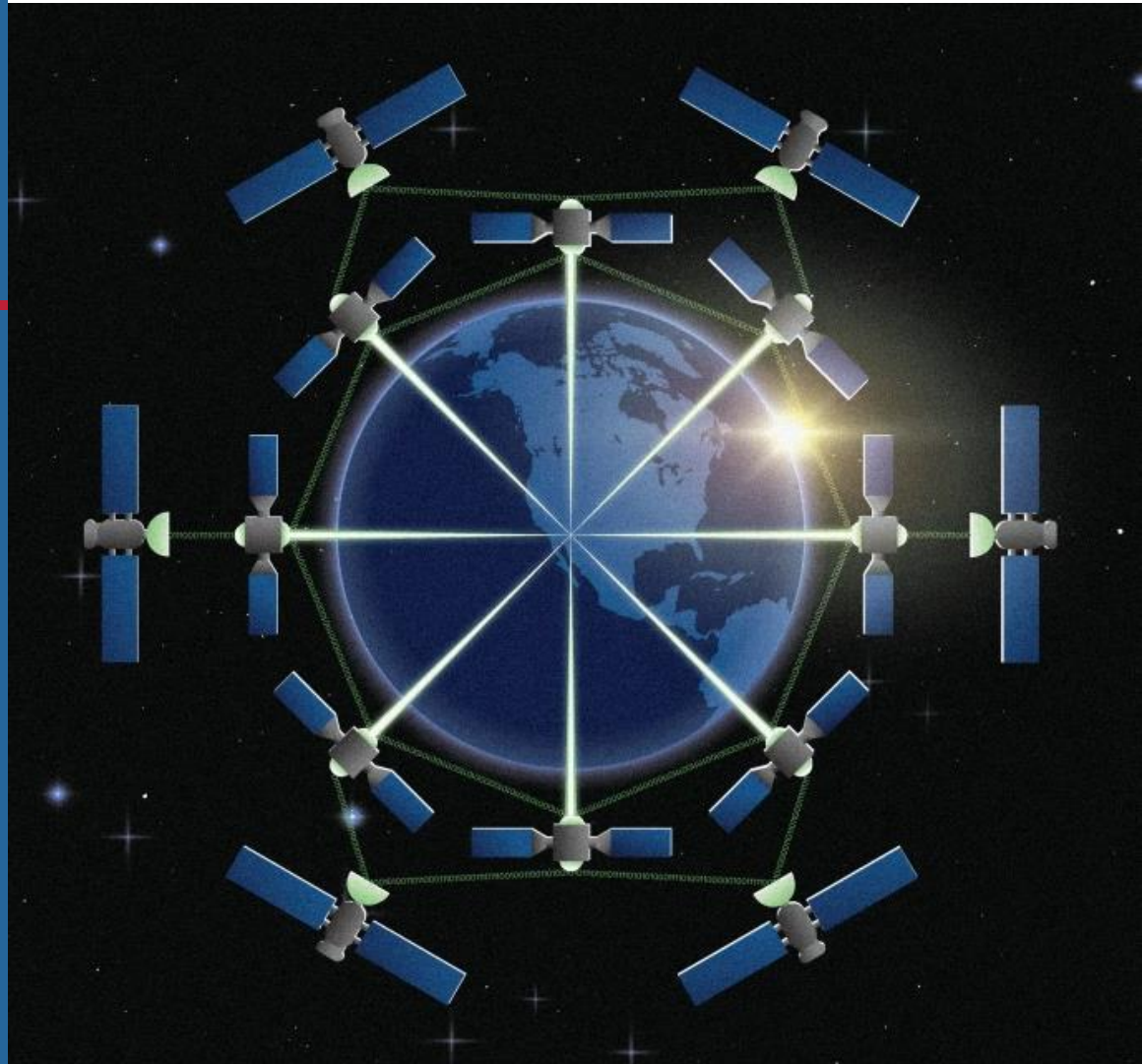
- Rapid industrial urbanization
- Rise of a high-tech manufacturing core
- Undeniable pressures of a changing climate

Data Centers

- Digital revolution driven by AI requires significant computing power, which requires cooling.
- A single water-cooled data center can use as much as 5 million gallons of water a day.

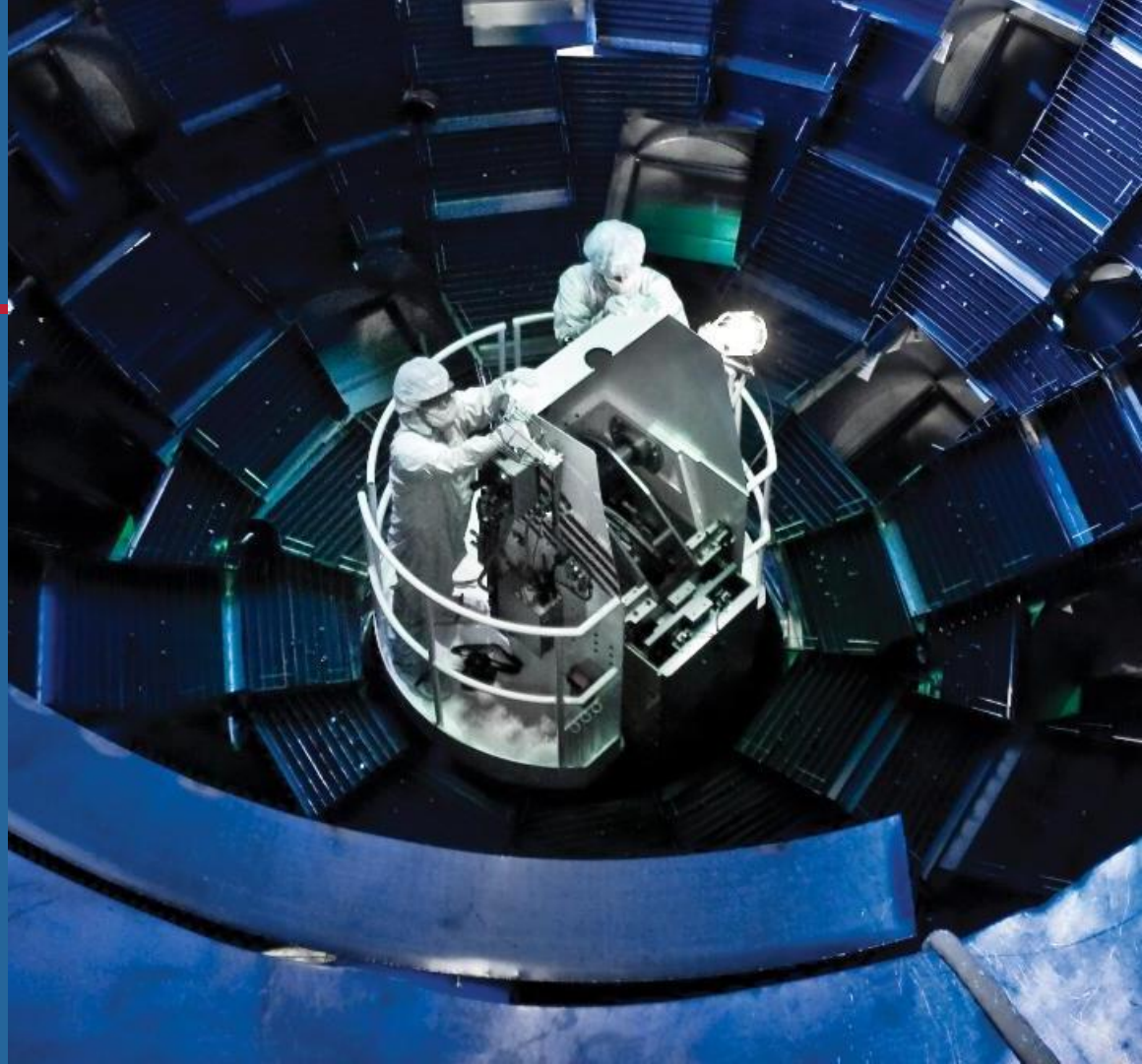
Orbital Data Centers

- Migrating high-performance computing into space.
- Uses the vacuum of space and unlimited solar energy for cooling, reducing water footprint of data on Earth to zero.



The Promise of Fusion Energy

Leading a transformation in the research and commercialization of fusion energy, which has the potential to provide the world with a clean, safe, sustainable and virtually limitless energy source.



Fusion Energy for Desalination

- Low-cost fusion energy can power advanced desalination at a price point that is finally competitive.
- Supporting high-growth industries that define our state.

Future of Sustainable Mining & Critical Minerals

Modernizing sustainable mining for critical minerals, an essential global industry with a long history in Arizona and vital to clean energy, defense and our everyday lives.

Questions?

Thank you!

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