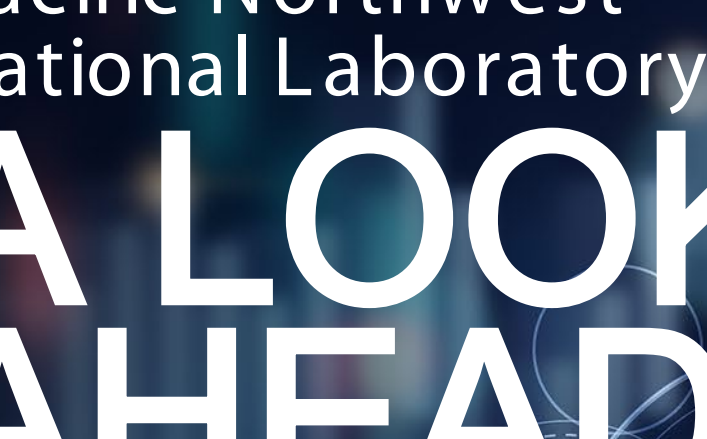




Pacific Northwest
National Laboratory

A LOOK AHEAD

TRIDEC 24th Annual Economic Outlook

February 1, 2023

Dr. Steven Ashby
Laboratory Director

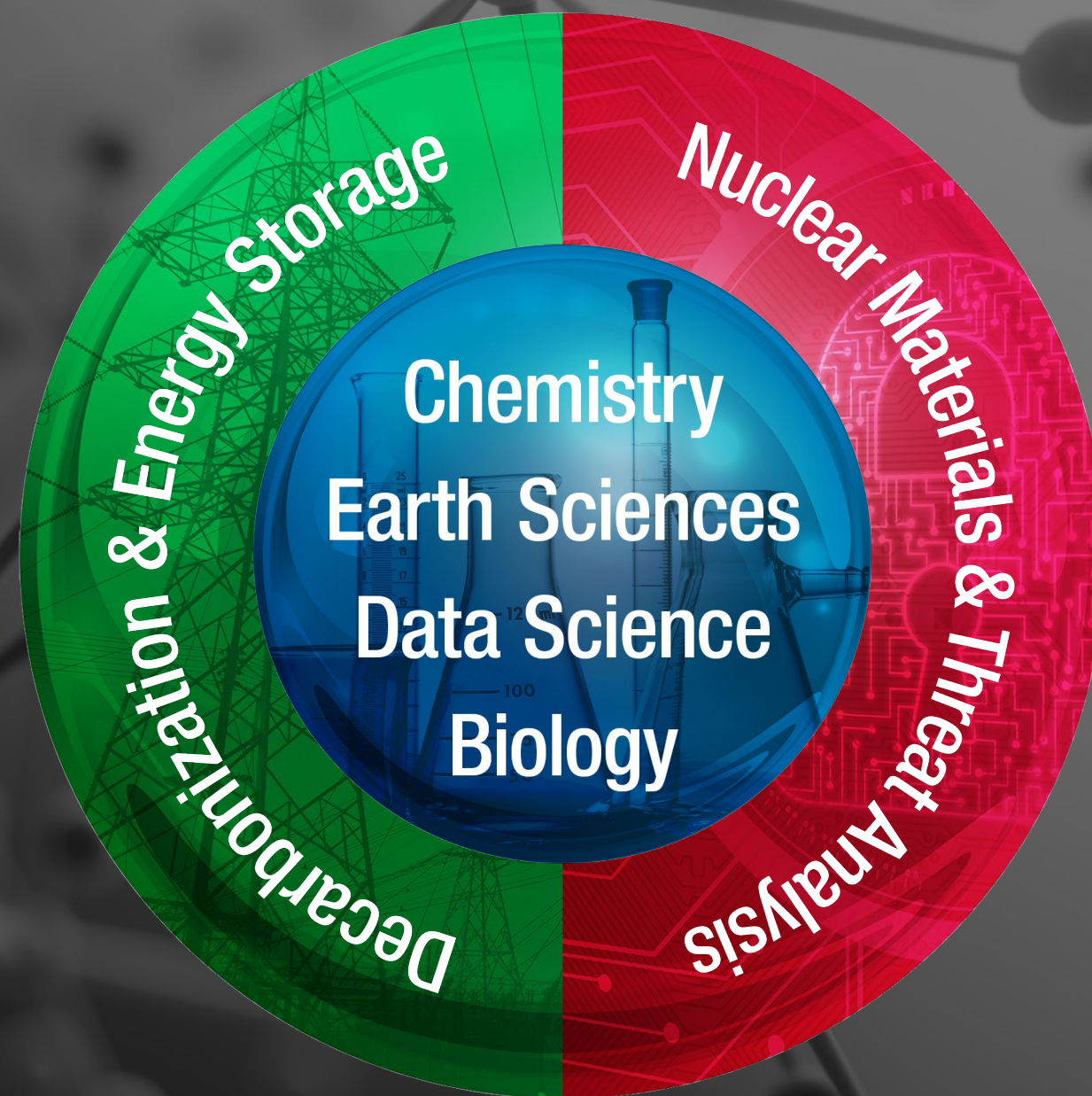
U.S. DEPARTMENT OF
ENERGY *BATTELLE*

PNNL is operated by Battelle for the U.S. Department of Energy

PNNL-EX-10 297



PNNL is focused on our nation's
**GREATEST
CHALLENGES**



Characterizing
increasingly
damaging
**WINTER
STORMS**

Studying local
**MICROBIAL
COMMUNITIES**
in space

CONVERTING PLASTIC WASTE

to valuable chemicals

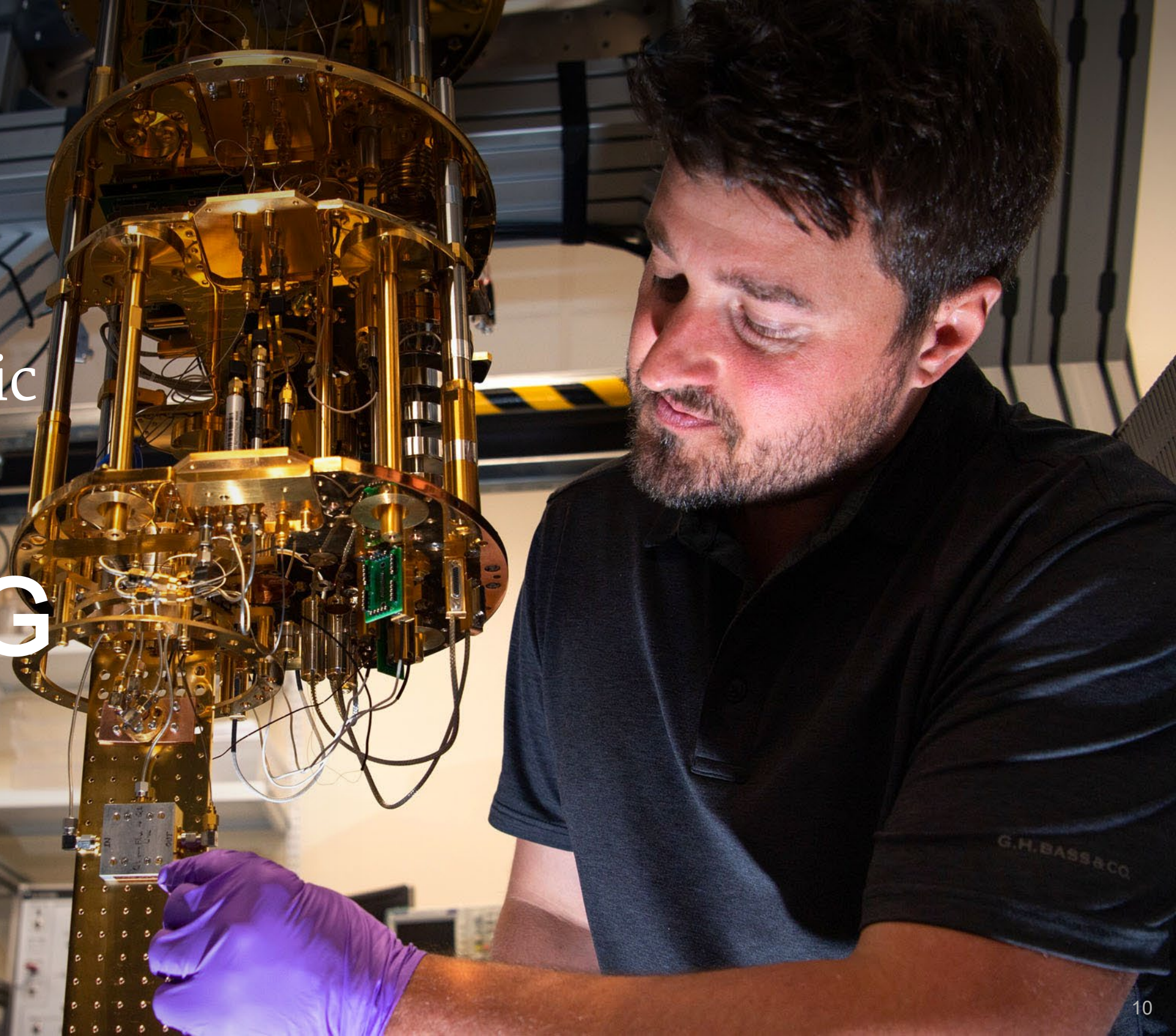
Transforming **MATERIALS** **MANUFACTURING**

Advancing new
**BATTERY
TECHNOLOGIES**

Identifying
**UNDERGROUND
EXPLOSIONS**
as nuclear or chemical

Detecting nuclear threats with **ARTIFICIAL REASONING**

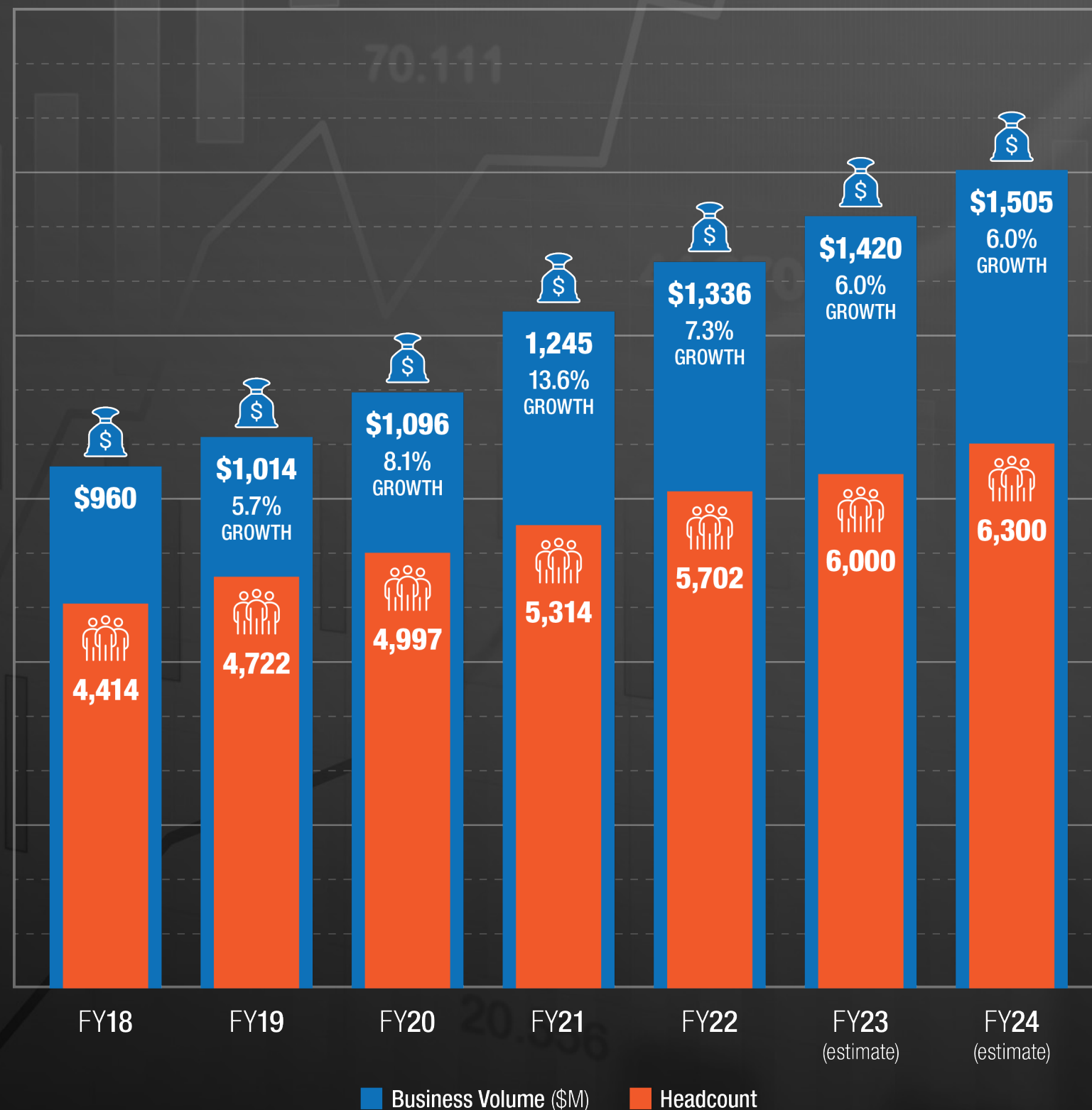
Overcoming scientific
hurdles to enable
**QUANTUM
COMPUTING**



GROWING STEADILY

>\$600M payroll

>\$500M procurements



Mission-ready and **BUILDING FOR THE FUTURE**



2003 -2012

- Replace capabilities lost in Hanford 300 Area demolition

\$400 million



2013 -2022

- Energy Sciences
- Grid Control
- Campus Federalization

\$380 million



2023 -2033

- Biology
- Grid Storage
- Marine Energy
- National Security

\$1.2 billion

ENERGY SCIENCES CENTER

now open with
science underway

GRID STORAGE LAUNCHPAD

63% complete



THANK YOU!

