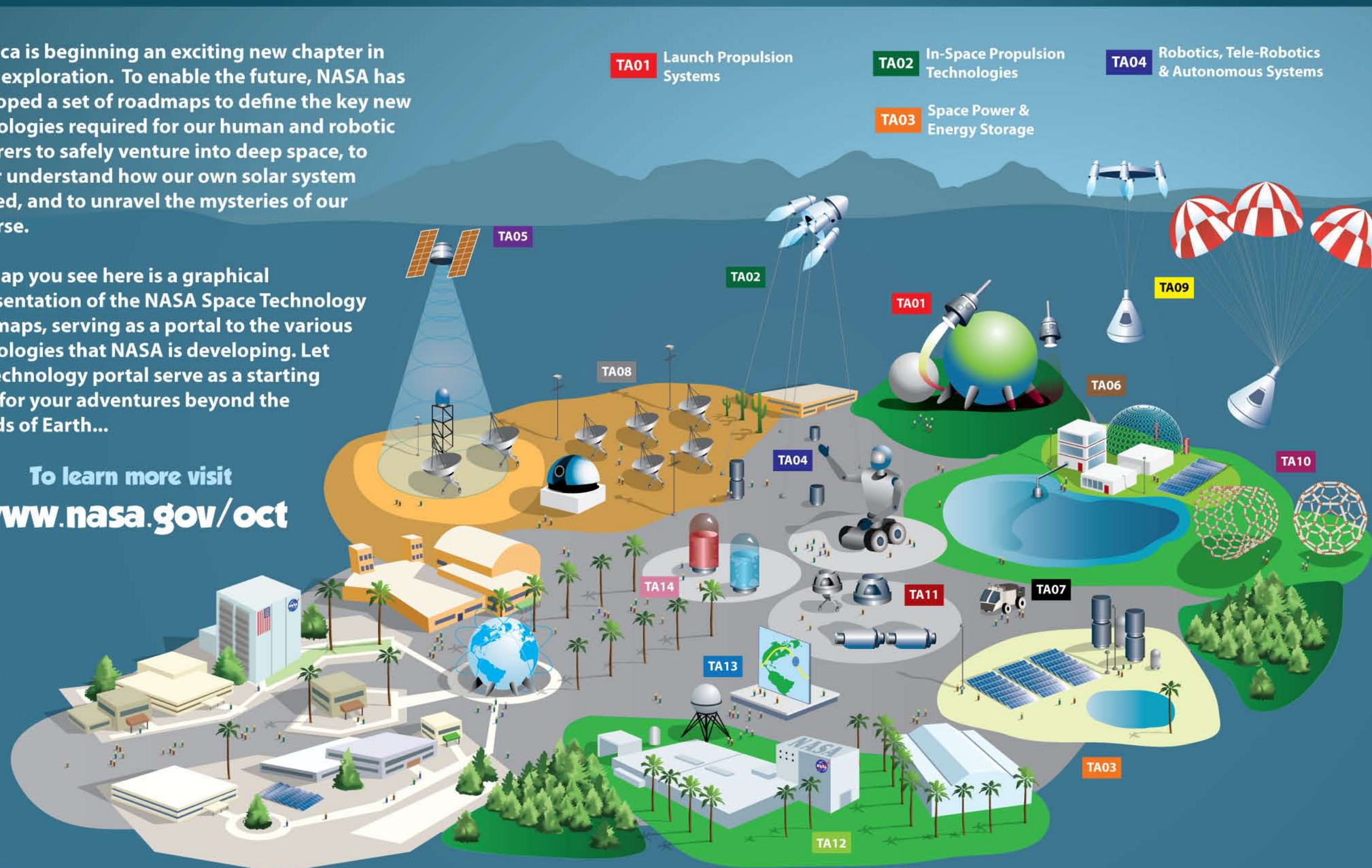
The Future Brought to You by NASA

America is beginning an exciting new chapter in space exploration. To enable the future, NASA has developed a set of roadmaps to define the key new technologies required for our human and robotic explorers to safely venture into deep space, to better understand how our own solar system evolved, and to unravel the mysteries of our universe.

The map you see here is a graphical representation of the NASA Space Technology Roadmaps, serving as a portal to the various technologies that NASA is developing. Let this technology portal serve as a starting point for your adventures beyond the bounds of Earth...

To learn more visit
www.nasa.gov/oct



- **TA01** Launch Propulsion Systems
- **TA02** In-Space Propulsion Technologies
- **TA03** Space Power & Energy Storage
- **TA04** Robotics, Tele-Robotics & Autonomous Systems
- **TA05** Communication & Navigation
- **TA06** Human Health, Life Support & Habitation Systems
- **TA07** Human Exploration Destination Systems
- **TA08** Science Instruments, Observatories & Sensor Systems
- **TA09** Entry, Descent & Landing Systems
- **TA10** Nanotechnology
- **TA11** Modeling, Simulation, Information Technology & Processing
- **TA12** Materials, Structures, Mechanical Systems & Manufacturing
- **TA13** Ground & Launch Systems Processing
- **TA14** Thermal Management Systems