

Space Generation Advisory Council Presents:



Aiming Ahead:

Next Generation Visions for the Next 50 Years in Space



Overarching 50 Year Vision:

*Humanity becomes an
interplanetary species as the first
child is born on another world*



Overview of the survey

- *What key event should occur in the next 50 years?*
- Youth aged 18 – 29
- Opened-ended
- 276 distinct respondents
- 750 key events described
- Important but unresolved issues followed up in Round 2.



Theme 1: Ensuring the Survival Interests of Humanity

- Overwhelming response: The moon
- Space Governance
- International Cooperation



Theme 2: Space for the Benefit of All and Our Environment

- Commercialization and Privatization of Space
- Education and Outreach
- Energy and Resources
- Space Sports, Art and Culture



Theme 3: Advancing the Frontiers of Science and Technology

- Humans to Mars and beyond
 - The following steps after the moon
- Astrobiology
- New Technologies



Space Tourism

- The average person should have access to space tourism
- Lower ticket prices to give the average person access to space



World Governments and Private Industry

- World governments should create a fair trade and opportunities system
- Regulated access to developing technology should be given to private industry



The Moon

- Most important use of the moon: As a stepping stone for missions to other parts of space
- Lunar resources should be used to sustain humans visiting the moon



Mars

- The main priority for technology should be longer-working and more efficient life support systems
- Scientific research should be the main objective of visiting Mars



International Space Station

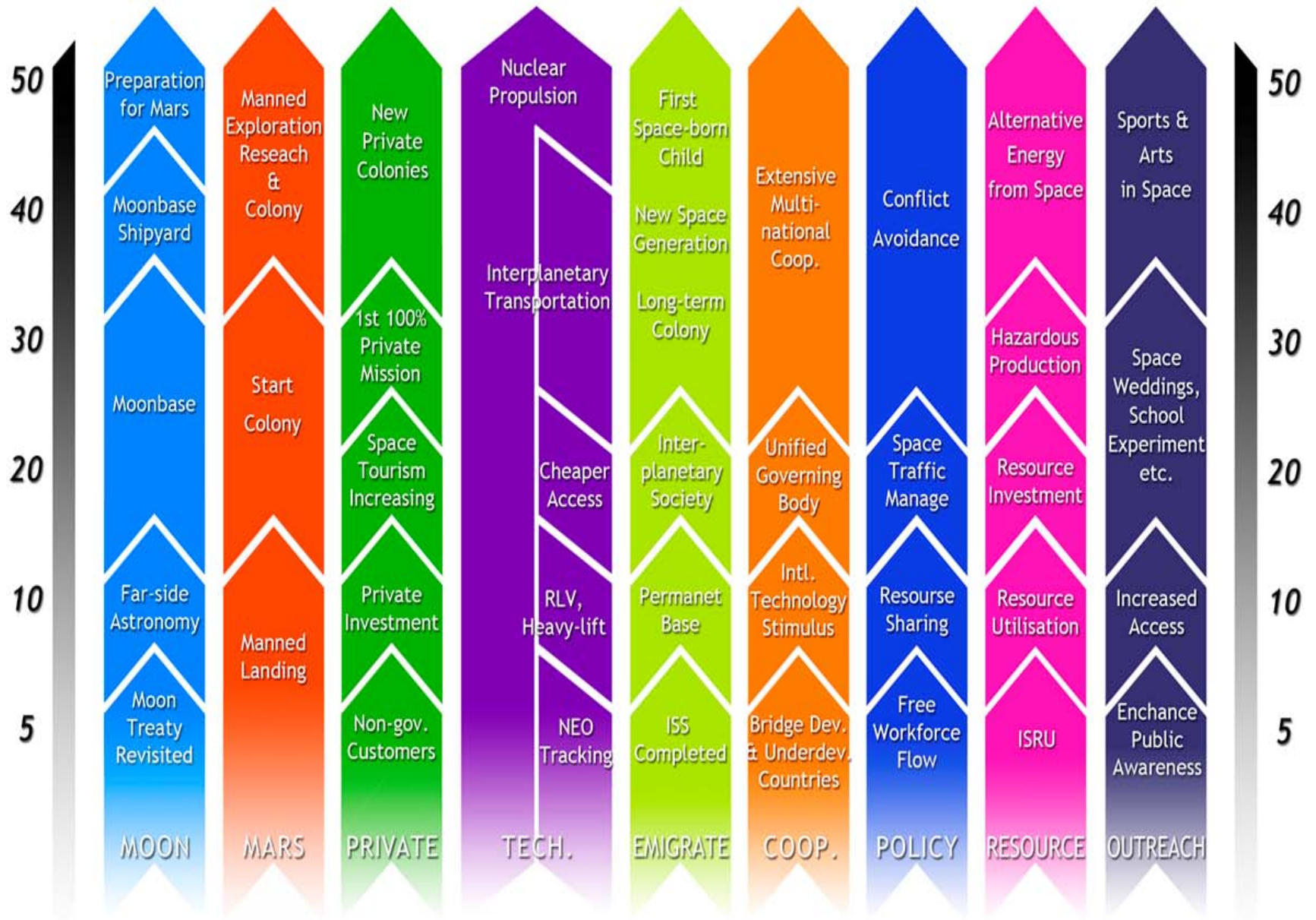
- Complete the ISS and then reassess maintenance
- Construct new space station with government and private industry cooperation
 - New space station needed:
 - As a docking station for future space missions and more effective
 - To be more effective in terms of cost and science benefits



Governing Space

- Form an entirely new international space governing body
- Respondents were split on who should form the new space governing body. Responses split between:
 - All countries
 - UN
 - Space-faring countries
- The new governing body should be created now!
- Respondents were split on the most important revisions to the Outer Space Treaty and related documents
 - Make it compulsory for countries to register defense-related missions
 - Make additions for destinations likely to be visited in the future





SGAC 50-YEAR VISION ROADMAP



SPACE GENERATION

the global space youth network

in support of the United Nations Programme on Space Applications

www.spacegeneration.org