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'The Moon Will Save Us' Part Two by Captain John Young.

The Moon is extremely important for the successful futures of people on Planet Earth. Humans are affecting their planet and supposedly causing global warming. Apollo 16 Moonwalker John Young in a second memo sent to NASA and select notables further states that when the developing nations, such as China, India, and those in Africa start traveling up the pollution road, "we ain't seen nothing yet." The Moon can save Earth people over the short- or long-haul by developing the technologies we will need to live and work on the Moon's surface. In his memo dated 3 January 2003, Young points out the value of the Moon for major applied science returns. Human Tended Telescopes: the Moon is the best place in the solar system to human tend, fix, and repair telescopes of all types. The gravity field is ideal. Reliable Power: first use DoE's uranium nuclear power plants, then construct solar arrays to deliver cheap electric power to Earth reliably through clouds, dust and ash. Later humans can use **Helium-3** thermonuclear fusion to deliver power to Earth keeping whatever radioactive waste it makes on the Moon. Lunar Base Habitats: These will be giant inflatable structures. Acres of them will be required for living, farming and controlling exploration of the surface.

Info <http://www.jsc.nasa.gov/Bios/htmlbios/young.html/>.