

Statement of Principles for L4 Society – JRJ 3rd Draft, not yet discussed by Society

We support the ideas laid out by the late Professor Gerard K O'Neill of Princeton in his 1976 book *The High Frontier - Colonies in Space*, and his associated publications and works.

More specifically:

The cost of escaping from gravity wells is very expensive, and the most sensible location for a spacefaring civilization is in cislunar and/or interplanetary space

Climate change and Global warming are the direct result of human activity on Earth, primarily the massive emissions of greenhouse gases by industry and agriculture

Space- based solar power can safely deliver about a hundred times more energy to the grid per acre of land area than terrestrial solar power; it is available continuously (requires no storage) and is green

Lunar and asteroid (NEO) resources represent the cheapest and most energy efficient feed stock for manufacturing large structures in space

Many lunar resources have short term value in various markets, e.g. Helium-3 which currently sells for a million dollars per ounce to many customers and cannot be economically produced on Earth

We plan to obtain resources and take concrete steps to pursue the above principles. We do not spend time talking about Mars, it is an irrelevant distraction. Mars is at the bottom of a deep gravity well. The idea of making humanity multi-planetary by colonizing Mars is not realistic in the foreseeable future. The moons of Mars are more interesting than the surface of Mars.

Social and political: We believe in Diversity, Equality and Inclusion and will establish policies to carry out that goal.