



Montreal
Biosphere

**Common
fate -**
quote
(above)
by R.

We are not going to be able to operate our Spaceship Earth successfully nor for much longer unless we see it as a whole spaceship and our fate as common. It has to be everybody or nobody.

R. Buckminster Fuller

Buckminster Fuller who invented

Geodesic domes. This could be adjusted to:

"We are not going to be able to operate Poatina village successfully nor for much longer unless we see it as a whole community and our fate as common. It has to be everybody or nobody."

Interconnected - 1

The American Institute of Architects calls the geodesic dome "the strongest, lightest and most efficient means of enclosing space known to man." It is the inter-connected triangles that make up a geodesic dome that give it unparalleled strength

Interconnectedness gives unparalleled strength.

Interconnected - 2

"Space-Frame: A three-dimensional framework for enclosing spaces, in which all members are interconnected and act as a single entity, resisting loads applied in any direction."

Dictionary of Architecture, 3rd ed. Penguin, 1980, p. 304

All members are interconnected, and together are strong enough to withstand outside pressures that would want to destabilise or harm.

Outside – 1 & 2



Triangles form hexagons that are joined and shaped to make the dome. Each hexagon could represent different dreams and visions for the community; or they could represent different groups eg Poatina Arts, Building and Maintenance, PVBC. Each hexagon has an identity in and of itself while being connected to, and a part of, the whole. Each triangle is part of more than one hexagon, just as individuals can be part of more than one group or vision.

One could imagine the windows letting in the 'fresh air' of new ideas.



Complex Joins

Many parts connected together

- giving strength,
- joining different ideas, groups, visions
- not just overlapping like a venn diagram, which is very limited in how many pieces can connect to each other

Inside

The door/s allow flow between the Poatina community and all who visit. They could also be a symbol of security, and of boundaries (eg how new residents are determined).



Other cool domes!



Misawa - Japan



Passive Solar Home