

## A SUSTAINABLE WORLD

is a more equitable world, if we're not part of the solution we are part of the problem. A private lodge is not a sustainable insertion in the Nasca community.

Cut into the stony desert, the famous Nazca Lines illustrate patterns left by previous cultures. Are they shrines, cemeteries, observatories, navigational devices for flying machines or giant maps of underground water sources? Emerging from arid flatness Cosmic Community Centre acknowledges Nazcan cosmography through CULTURAL CONTEXT founded on communitarianism and utilitarianism belief systems.

"A sculptured and harmonic object, powerful yet gentle, monumental yet serene." (Arquitectum, html). An architectonic link between geological context and social communion of past cultures has been established by inserting patterned systems in the sands of our times"

Cosmos: the ordered system of ideas. Cosmic rays: radiations that reach the earth characterised by enormous voltages and high penetrating power. Energy and water systems channel the great power and mystery of the Lines to the Nasca community. Trapezoids, Triangles, Water. Reflecting ancient aquifers, Cosmic Community Centre creates a contemporary hidden river system. Concealment before revelation, journey from within to discover the majesty of without.

## SUSTAINABILITY

### SOCIAL COMMUNITARIANISM

Community involvement is one of the most important components of eco-tourism, but as the global tourism industry expands dividends usually accrue to foreign investors. In contrast Cosmic Community Centre will benefit the local culture and population who will own it. Local organisations will develop and manage the premium quality, international tourist asset that Cosmic Community Centre is such that business succeeds while maintaining locality.

#### Community Social

Local art and craft is celebrated through an artisan retail function. No omission charged to sell items of art gallery quality and minimal rental asked for craft stalls. Local artists will develop workshops focussed on the local environment. Cosmic Community Centre will produce social and cultural development art projects.

#### Community Environmental

Classrooms and research facilities enable school children, scientists and volunteers to study the local environment. Cosmic Community Centre accommodates a campus of the Museo Antonini, a Field Centre for CISRAP displaying, eg, a pre-eminent collection of painted textiles from Cahuachi. Similarly, a branch of the Caso-Museo Mari Reich is located here.

#### Community Economic

The Dining Room, which adapts historically relevant meals using local ingredients from farms supplied by organic waste from Cosmic Community Centre, is a public facility operated by a local independent business. Separate access facilitates independent operation. To minimise waste local fresh/ preserved ingredients, not westernised packaged convenience foods, are sourced.

Starting points only, merely ideas, the local community must decide

### UTILITARIANISM

Cosmic Community Centre achieves the greatest happiness for the greatest number. This is not a place to be, not a private club for the privileged few, there are no personal viewing spots. Hotel guests see the Lines from the observatory deck just like everyone else, the monastic cells are functional conveniences underground. Family friendly and 'third-age' ensuite rooms permit visitors of all ages and capabilities to experience the majesty of the location. Designed for the 21st century, Cosmic Community Centre embraces universal design by being fully disabled-accessible via ramps, lifts and bathrooms.

### ECONOMIC

Sustainable ecotourism must be built on a dense network of small local business not Sheraton-esque conglomerations. Ecotourism involving the local community in the planning process conserves natural and cultural resources. Cosmic Community Centre will generate local employment opportunities and foster public-private partnerships. Businesses that operate there will enjoy advantages from government-funded promotional campaigns. Alternatively Cosmic Community Centre could become University archeological department, R & D Centre, specialising in alternative energies, Community Resource Centre with bedrooms becoming art studios, meeting rooms etc

### ENVIRONMENTAL

#### ENERGY

Harnessing cosmic energy from the age-old SUN GOD using technology developed by MIT scientists self sustaining power from phototropic solar panels clad with plasma cells derived from spinach protein is generated with excess transmitted to the local grid.

#### WASTE

All waste is transported via 'aqueducts' to the waste plant which produces solid organic waste and purified drinkable water. To maximise efficiency, eco-detergents, handsoaps, and shampoos will be used. Compost/ fertiliser is sold to the local Rio Nasca farming community.

#### WATER

Cosmic Community Centre will be water self-sufficient. The ducted water re-distribution system discharges purified water to be available from dispensers or any tap. Puny plastic water bottles, the scourge of Peru, will be a thing of the past. To minimise system stress, low flow fittings are used throughout.

