

CONCEPT PRESENTATION CARBON NEUTRAL HOTELS

INSPIRATION

Opp. Bhavans Vidya Mandir, Eroor West P.O,
Cochin – 682306, Kerala.

Ph:0484-2779470/ 73

Fax:0484-2781324

Email: inspire @vsnl.com

Web: www.inspire-india.com

Positioning of 'Pinewood Hospitality' in today's hospitality sector in India

- Expectations – cleanliness, great ambience, value for money and feel good factors.
- 'Going green' is high on informed travelers' current feel good factors.....
- Present attempts at Corporate Social Responsibility often lacks depth of vision.
- Attempt towards a genuine path-breaking statement will capture imagination of the generation next..



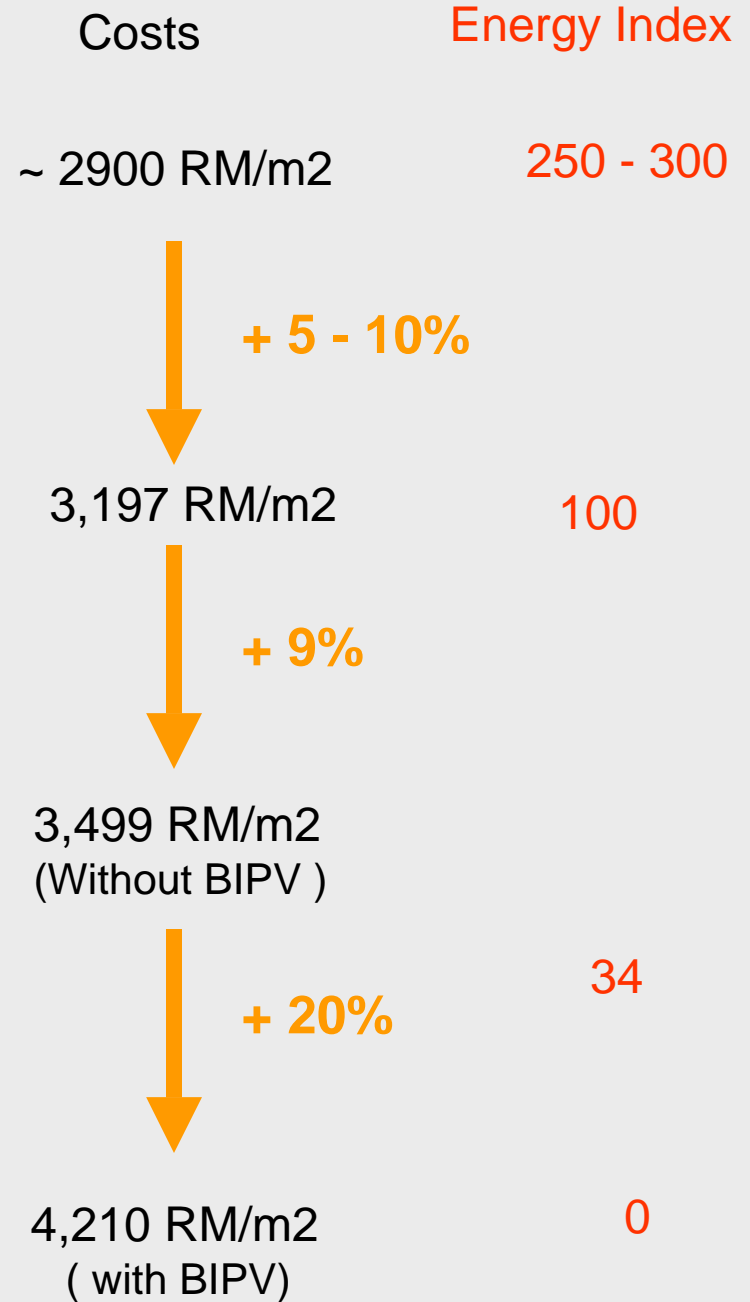
**Normal buildings
(Kuala Lumpur)**



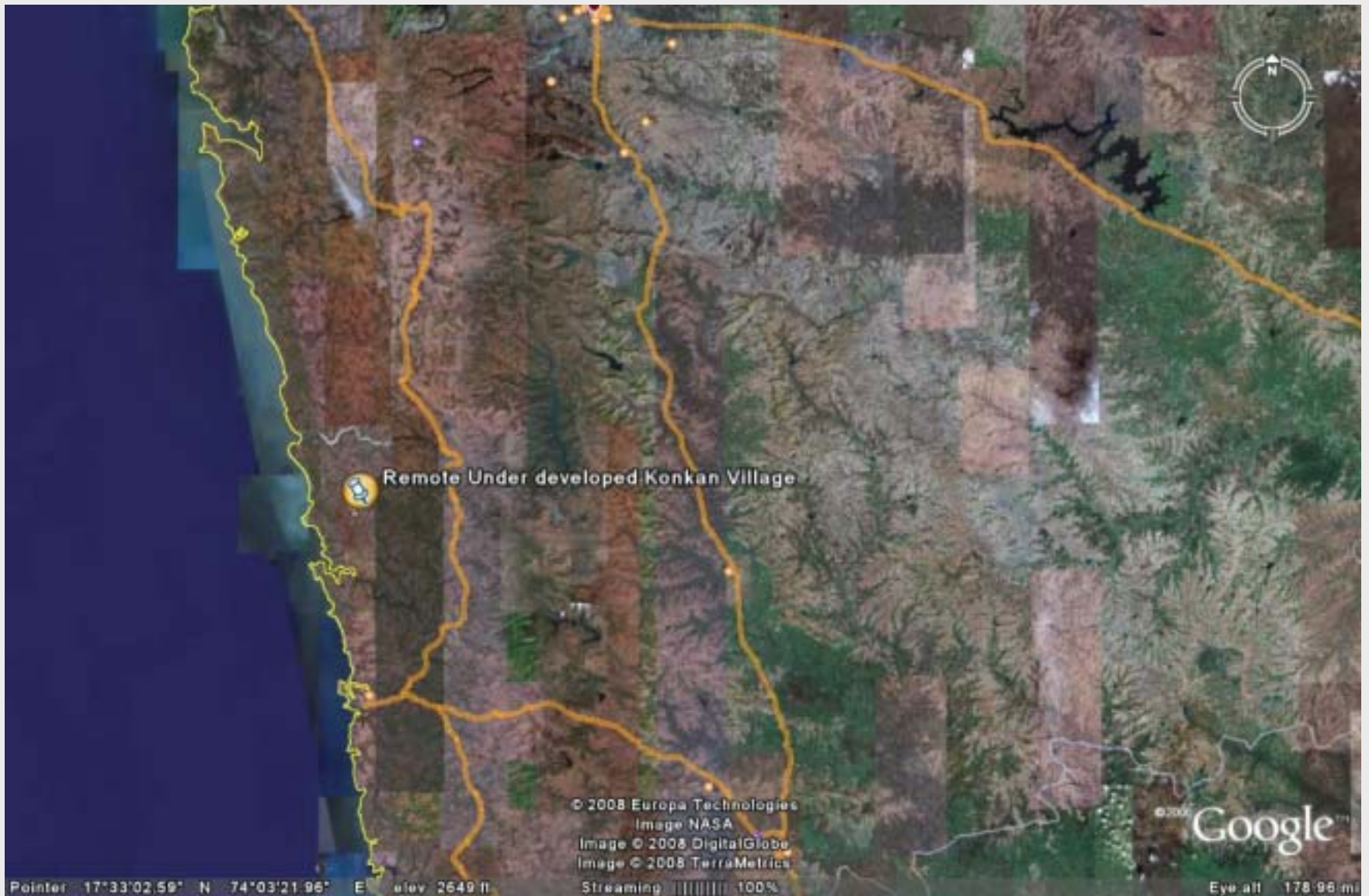
**LEO building
(Putrajaya)**



**ZEO building
(Bangi)**



- From the above figures, it is clear that making zero energy buildings (a building where the entire energy requirement is generated in-situ through hybrid renewable systems) becomes a very capital intensive proposition at present.
- Average Energy consumption in an energy conscious 100 room business hotel in India would be approx. 4000 KWh per day.
- This translates to 1200 tons of CO₂ emissions per year.
- It would take approx. 150000 trees to absorb the equivalent of 1200 tons of CO₂ per year!



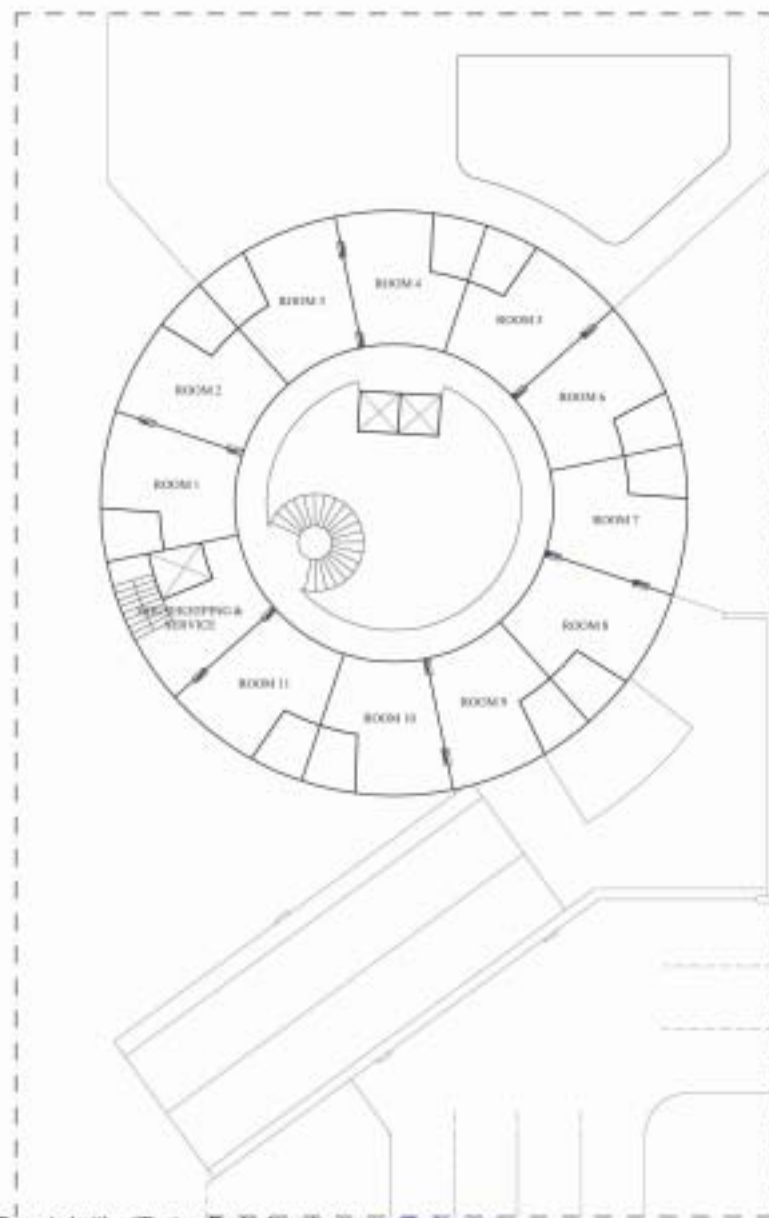
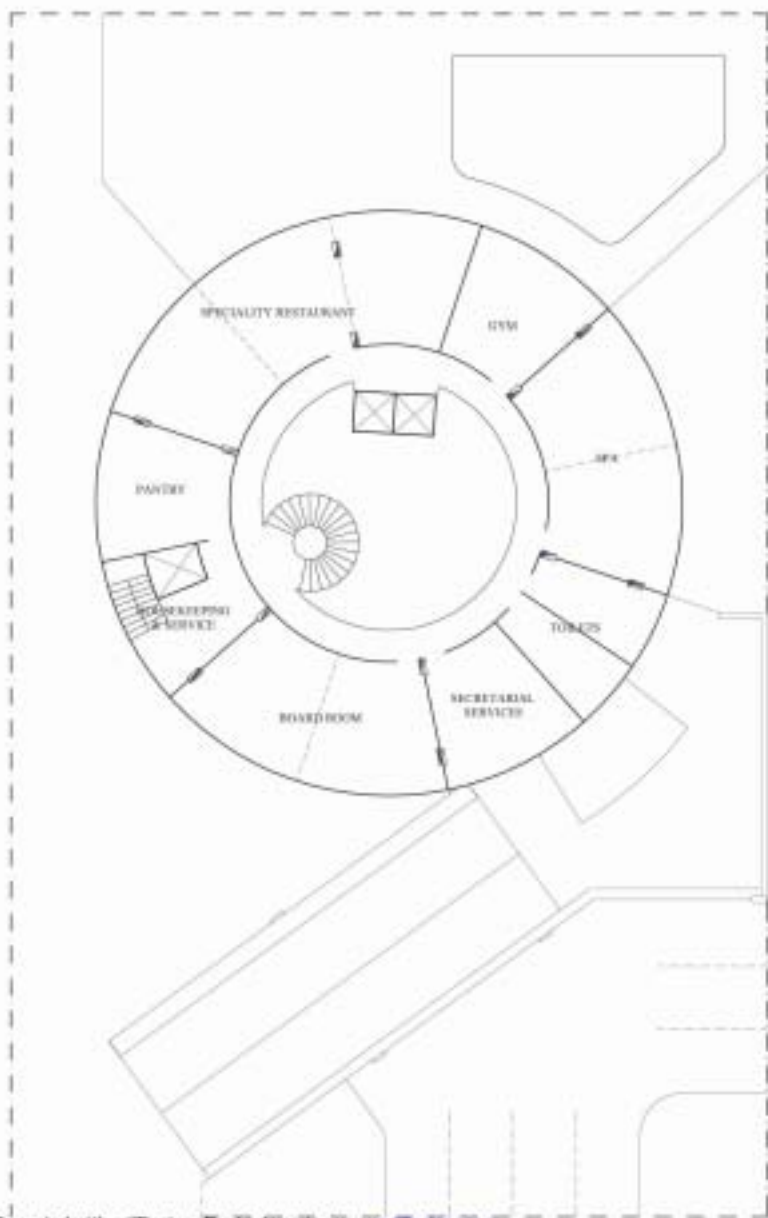
What is the relationship of this very remote totally denuded land to a City Business Hotel??

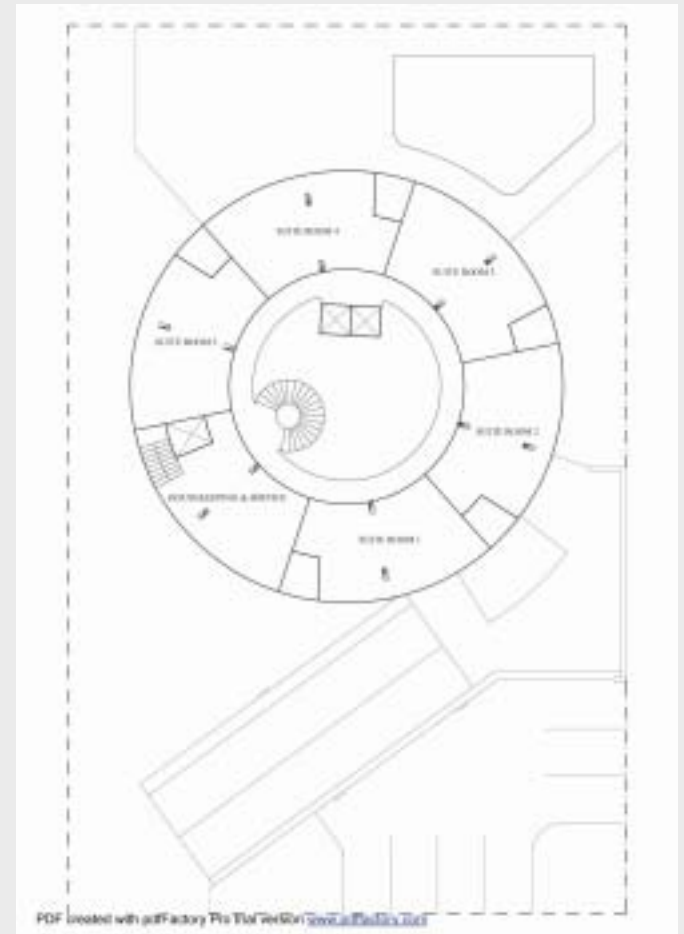
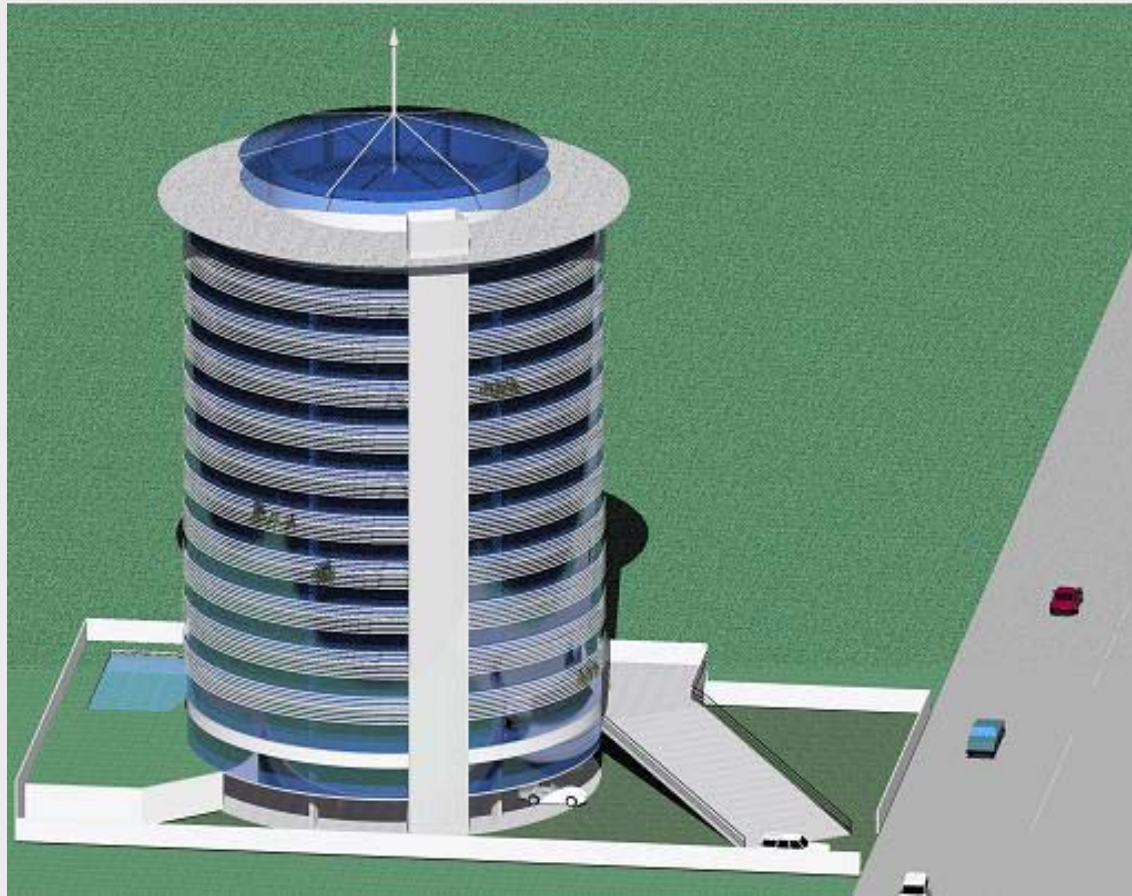
- 120 acres of denuded land in a fairly rain fed area can be easily regenerated with a careful mix of hardy species of bamboo and other local plants and trees. This regeneration process will absorb 10 tons of CO₂ per acre.
- The basic investment needed would be for a rain water harvesting reservoir, a good irrigation network and fencing all around. Just one family can look after this patch of land and regenerate it in less than 2 years time.
- Altogether needing an investment of less than Rs 1.25 cr.

A Carbon Neutral Hotel

- While investing on land and building for the City Hotel, a simultaneous investment of Rs. 1.25 crore in such a remote barren land establishes a spiritual link.
- The Hotel can also be enriched and embellished with products from that region in due course..

Considering a hypothetical design for a
104 room business hotel on a half
acre property..





Sl.No	Space	Area in sq.m	Total area
Ground floor			
	Service area including electrical room ,generator room ,garbage room,AC control room etc	175.16	
	Covered Parking area	56.15	
			738.31
First floor			
	Ramp	316.01	
	Reception & lobby	67.06	
	Administration	70.26	
	Coffee shop & stationary counter	105.86	
	Kitchen & stores	70.11	
	Housekeeping & staff changing room	70.26	

AREA STATEMENT

	Toilets	35.66	
	Circulation space	77.70	
	Lift room	7.22	
	Atrium	113.09	
			933.23
Second floor			
	Board room	70.26	
	Secretarial services	35.13	
	Spa	70.26	
	Gym	35.13	
	Speciality restaurant	104.92	
	Pantry	35.66	
	Service room	35.66	
	Circulation space	77.70	
	Lift room	7.22	
	Toilets	35.13	
			507.07

3rd – 11th floor

	Room	35.13	
	<i>For 11 rooms</i>	386.43	
	Circulation space	77.70	
	Service room	35.66	
	Lift room	7.22	
		507.01	
	<i>For 9 floors</i>		4563.09

12th floor

	Room	70.26	
	<i>For 5 rooms</i>	351.30	
	Circulation space	77.70	
	Service room	35.66	
	Lift room	7.22	
			506.48
	TOTAL		7248.18

Thank You