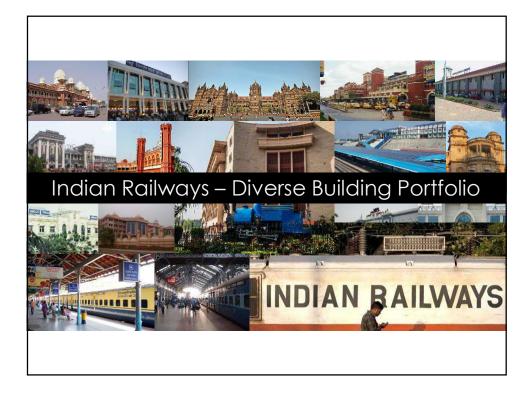
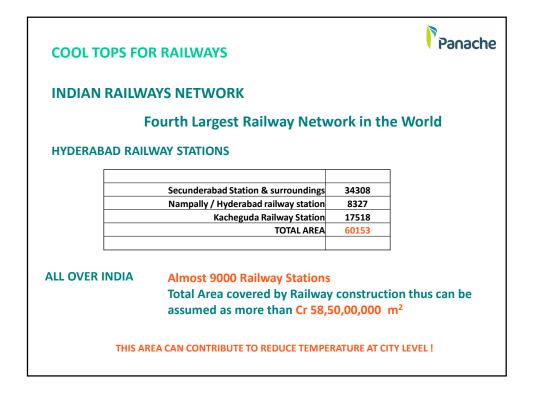
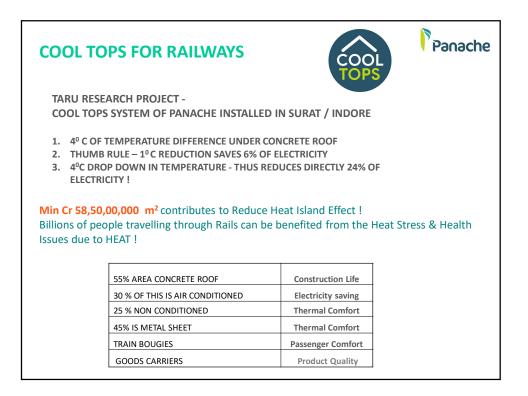


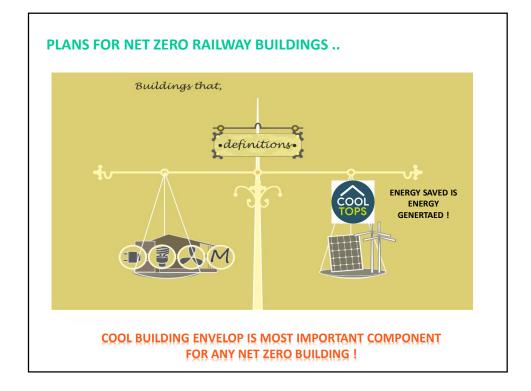
	gh Albedo Pair ronic Manufac						anach
Design Parameters							
Factory floor area			8021 sq	-m			
Location			Chenn	ai			
Factory set point temperature			28°C				
	Case 1 – Without High SRI C				Case 2 – With High S	RI Coating	
	Surface SRI Emissivity Solar Reflectance		50		ce SRI	>100	
			.84	Emissivity Solar Reflectance		0.91	
			0.46			0.95	
	Tonnage Required	40	02 TR		age Required	385 TR 724 MWh	
	Energy Consumption	901 MWh		Lineig	a consumption	/ 24 1010011	
	Roofing Material - Gal	e Sheet	Roofing Material - Galvalume Sheet with SRI Coat				
	Total CAPEX (INR)		2.73 cr		Total CAPEX (INR)	2.84 cr	
	1.77 Lakh	Unit	<mark>s Saved F</mark>	er y	ear With Payback	<mark>(Period – 10 N</mark>	/Ionths

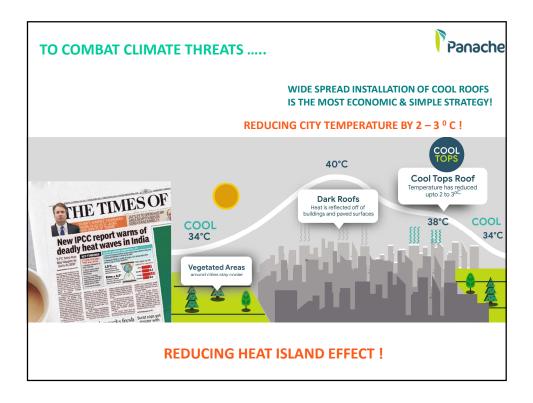












Live Example of City Temp Reduction by Installation of Cool Roofs



A Real-World Example of Global Cooling The whitewashed greenhouses of Almeria, Spain have cooled the region by 0.8 degrees Celsius each decade compared to surrounding regions, according to 20 years of weather station data.

Cool World : A Modest Proposal to Cool the Planet by Cooling the Neighborhood By- Allan Chen, (510) 486-4210, <u>a chen@lbl.gov</u>

Panache

"Cool roofs, Using them is a simple but effective solution to help reduce earth's climate change and large scale solutions to reducing global warming."











