

SELECTED FIELD OF RESEARCH AND CURRENT STUDIES

To Assist all nations in achieving CO2 abatement targets by adapting technological Innovation in Architecture and Urban Planning is the goal I am building my professional life around. (Mr. Frank Etna, Architect + Inventor)

CLIMATE CHANGE AND ENVIRONMENTAL INDEX MARKETS

The International Panel on Climate Change has included the South East of the Chinese Continent as one of the world's most high risk areas for changed weather patterns. This month the P.R.C Central Government (March 2009) has concluded that solving climate change comes down to mobilizing capital, if China is to succeed in reducing national carbon emissions.

Equally private markets and the financial sector have an important role to play because fixed asset investment is among the most closely watched statistic in China, representing the state of fiscal spending and having gained greater importance since the Slowdown.

In Australia, the Banking Sector considers the Investment required to reduce Australia's carbon emission by 60% will be as high as \$7billion (AUS) per year for the next 40 years.

APPLICATIONS OF ARCHIECTURE

Its time for regeneration and new ideas.

Energy efficient Architecture and Infrastructure is the emerging asset class. One example is my Company's Solar House Initiative which responds to the greater chorus for social responsibility than narrow commercial justification. My Company intends to specify enough Solar Power homes in China to replace up to 7 coal fired power stations. The CO2 emission offset would be equal to 263 Million Metric Tonnes PA (more than the total Australian carbon emission from its emitting Power Sector 2007 = 226 Million / Metric Tonnes PA). The pre-assembled Solar House can be manufactured in the Guadong Industrial Zone in collaboration with a public listed Chinese Solar Panel company represented by my company.

The building is capable of zero carbon emission and energy storage to My Company's "scalability principle" as the Green Technology building types will establish a legitimate legacy for the construction industry and a better direction for capital investment in energy + renewable sources. That would only increase the value of future opportunities by showing progressive investors that there are superior returns to be made by investing in China.

2001	Biotechnology + Toxicology Facilities
2006	Study Tour of Chinese Cities
2005	Architecture as an instrument of Renewable Energy
2007	Study Tour of European Cities
2008	Study Tour of Chinese Cities Carbon Neutral Indexation in Materials Science
2009	Study Tour of North American Cities Attend U.N WORLD CLIMATE WEEK Sept 2009 NYC Super Highrise Commercial Towers as Clean Energy Power Stations
2010	Preparatory Documentation for Master Degree in Architecture and Urban Planning _ Submission to US Secretary of State Clinton _ BP Deepwater Disaster Remediation Solution. _ Urban Remediation & Post Earthquake Recovery in Haiti _ CO2 Abatement + Clean Energy Strategies in Developing Countries
2011	Contributing Writer (Chapter 5): Global Disasters Recovery Manual AUSTRADE HK Trade Mission _ Architecture and Urban Infrastructure as the principal asset class in Environmental Index Markets
2012	Zero Emission Manufacture + Assembly
2013	Nanotechnology and Micromanufacturing Processes in Renewable Energy Solutions

