

THE ROTARY CLUB OF MONTEREY INTERNATIONAL ANNOUNCES A FUNDRAISER FOR GREEN BUILDING IN RURAL CHINA!



**A FILM AND PRESENTATION ON THE NEED FOR
SUSTAINABLE CONSTRUCTION IN CHINA AND HOW THIS
WILL IMPROVE CALIFORNIA AIR QUALITY**



SEPTEMBER 20, 2008

2:00-5:00

Monterey Live
414 Alvarado St.
Monterey, CA



Ticket cost of \$22 offsets your annual greenhouse gas emissions
Student discount rate \$11

- **\$1** raised will reduce greenhouse gas emissions by 1 ton
- **\$22** raised will offset the average American's greenhouse gas emissions
- **\$70** raised will ensure 1 home is built
- **\$100** raised will train 1 local Chinese builder
- **\$3,500** raised will guarantee 50 homes are built!



Rotary Club of Monterey International

(Fact Sheet on Reverse Side)



CALL 333-0835 FOR TICKETS

<http://www.greendragonfilm.com/strawbale/index.php>

FACT SHEET ON THE STRAWBALE PROJECT IN CHINA

The ultimate goal of the project is to enable Chinese people to build architecturally sound buildings using environmentally preferable, locally sourced material, labor and financing.

Strawbale construction technology has been introduced to address three major rural housing problems:

- **Clay bricks harm the environment** but are widely used in rural construction. Brick production consumes large amounts of energy, destroys land and causes severe air pollution. For these reasons, brick production has been banned in many districts, but cheap alternatives are not widely known.

- **Rural homes are not energy efficient.** Poorly insulated homes require residents to burn a lot of coal which is a drain on household resources and a source of local pollution and the global rise in CO₂.

- **Rural housing is unsafe during earthquakes.**

In 2005, China Central TV channel one (CCTV 1) broadcast a country-wide program on strawbale technology and the program has been repeatedly re-broadcast by local TV stations. With each broadcast, China and its partners have received numerous requests for more information from viewers interested in this technology.

China is in the middle of the largest building boom in human history, with the local industry representing over 50% of global construction. It is also the largest global greenhouse gas emitter, with 50-70% of these emissions attributable to the construction and operation of buildings. Coal is powering much of China's development. This project's green homes burn up to 3 tons less coal than Chinese brick homes. Coal is powering much of China's development and the subsequent pollution affects even the US, with 25% of all US airborne mercury and 30% of California smog-forming pollution originating in China. The environment is a global problem requiring global solutions. This initiative not only shifts global environmental consciousness, it also creates future-proof green collar jobs in a developing nation and provides urgently needed housing and schools for rural children.

Questions? Contact the Rotary Club of Monterey International at
president@mintrotary.org

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