

A NEW REVOLUTION IN THE WORLD ARCHITECTURAL INDUSTRY

Speech Delivered by Mexican President Felipe Calderon at COP16 BROAD Pavilion (excerpt)
Dec.10, 2010 Cancun



For BROAD Pavilion, we have toured all its facilities and heard the detailed explanations of building methods & technologies. Needless to say, I am very positively impressed for a number of reasons.

First, the pavilion was built within 8 days. I wish all of our buildings could be so. What's more, it is of very good earthquake resistance and energy conservation. Lighting, air conditioning system and other energy saving devices & measures are very praiseworthy.

The secret of this pavilion lies in its thermal insulation. The whole building is thermal insulated. In this case, when the weather is cold, cold air outside can not come into rooms; room temperature cannot be dropped drastically; when the weather is hot, hot air cannot come into rooms, cold air inside cannot go outside. This is thermal insulation. This is why the pavilion can be so energy efficient.

The advantages of the pavilion do not only lie in its low carbon emissions. There are many torrid places in Mexico, many complaints & concerns. In Cancun, the Peninsula of Yucatan, Tabasco, Sonora and Baja California, what worries people most is the money they need to pay for high electric bills due to air conditioning. High electric consumption is an important issue. Why? Because those buildings must have their air conditioning turned on all the time, which definitely consumes much electricity. Of course, electric bills are much higher than those of other parts of the country.

What if we could find the way to a building without air conditioning? This is exactly what the thermal insulation can favorably & hugely bring about, this is the advanced technology that BROAD Group has brought Mexican people now.

In my opinion, this is a practical, imaginative, creative & bold endeavour. People can transform buildings with green technologies. This is an example of going green, just like many objectives we put forward at COP16 Cancun.

About this, I'd like to say that today or tomorrow, probably today, all parties at COP16 Cancun are to reach an agreement. As far as I know, all parties have made good progresses in the negotiations, which contrast with the previous records. I think negotiations are to be finalized today or tomorrow. One of the striking features is the renewed trust in talks, renewed possibilities of dialogs & agreements. It was a great pity that no good results were obtained after heated discussions at the previous COP15 at Copenhagen.

Today, the most positive result in Cancun is that members have rebuilt the trust so that we can come to a positive agreement good for all mankind. For instance, we expect to transfer technologies through funds to poor countries to minimize the heavy damages from the climate change. I am sure we will make great progresses in technologies and technology transfers.

If the move could be adopted, technologies displayed at the Pavilion built & developed by BROAD are bound to be transferred to developing countries. It will be possible to acquire the technology or the building itself and thus reduce the carbon emissions both in the fabrication as in the operation of the buildings. The pavilion was prefabricated in the factory & set up onsite, it is a new revolution of the world's architectural and housing industry.

If the technology transfers are approved, green technologies such as this could be more rapidly adapted to poor countries, which are beneficial to the sustainable development. The green funding mechanisms, upon which there is a great consensus, will allow fast funding among developing countries.

Objectives of mitigating climate change are being inked at COP16, which is an important step for all countries to guarantee CO₂ emission reduction. I foresee important agreements that will make this COP16 a success. I would like to reiterate a key achievement for this meeting is to have renewed the trust among all parties. The other achievement of COP16 is the REDD mechanism which means Reducing Emissions from Deforestation and Forest Degradation, it is very good for forest-rich countries like Mexico.

On the other hand, I'd like to highlight it is not merely by chance we reached an agreement with BROAD and Chinese government to bring this pavilion to an education center--- University of Technology Cancun. Why? Because this is a learning opportunity for university students. Not only do they have the chance to learn about natural phenomena but also they can study scientific knowledge in depth, which is a most challenging topic.

Now, I'd like to make an announcement: among what we have decided is The Climate Change & Renewable Energy Research Center or Mexican Sustainability Development Center or Green Development Center will be set up, which is to be sponsored by Mexican government, private capital and the international funding that will most likely be approved at COP16.

At last, I sincerely extend my heart-felt thanks to Mr.Hu Jintao, President of the People's Republic of China & BROAD Group. You have built such a marvelous pavilion with creative technologies. Thank you so much!