



# Technology Transfer: a key to enable low carbon infrastructure development in developing countries

? ? ? ? : ? ? ? ? ? ? ? ? ?  
? ? ? ? ?

? ? ? ? ? Prof Jiankun HE

? ? ? ? ? ? ? ? ? ? ?

Low carbon energy laboratory, Tsinghua University

2008-11-7 Beijing

High level conference on Climate Change: Technology Development and  
Technology Transfer



# Carbon market and investment for infrastructure

? ? ? ? ? ? ? ? ? ? ? ? ?

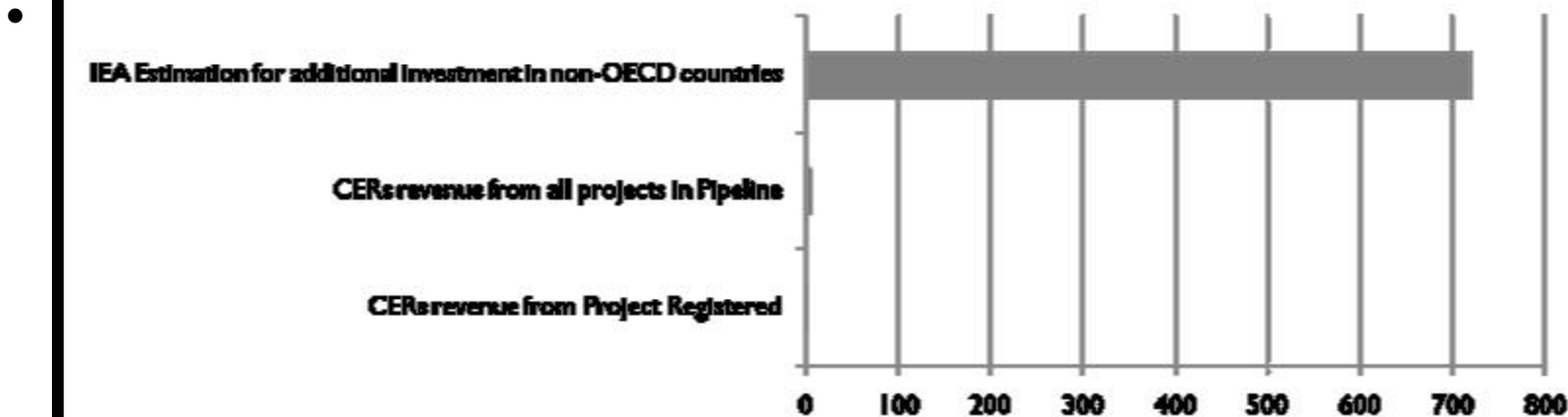
- The scale of current carbon market is not enough to power the low carbon energy infrastructure development in developing countries.

? ?

- The carbon price is not high enough to incentive potential investors to invest in low carbon technology, while the government of developing countries afford remarkable abatement cost.

? , ? ? ? ? ? ? ? ? ? ? ? ?  
? ? ? ? ? ? ? ? ?

- Stable and sufficient demand, expectation and price should be created for carbon reduction from low carbon infrastructure development in developing countries.



# Technology transfer and low carbon investment: Case of Wind power

???????????? : ???????

- Technology transfer can reduce unit investment through lower labor cost and material cost in receipt countries.

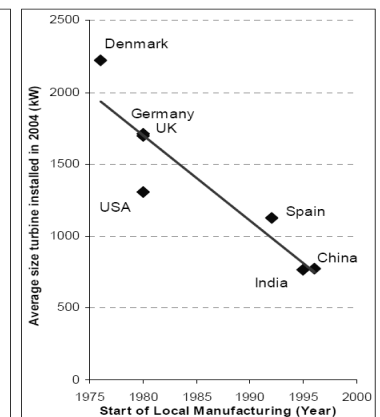
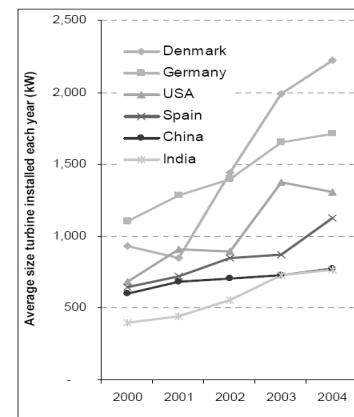
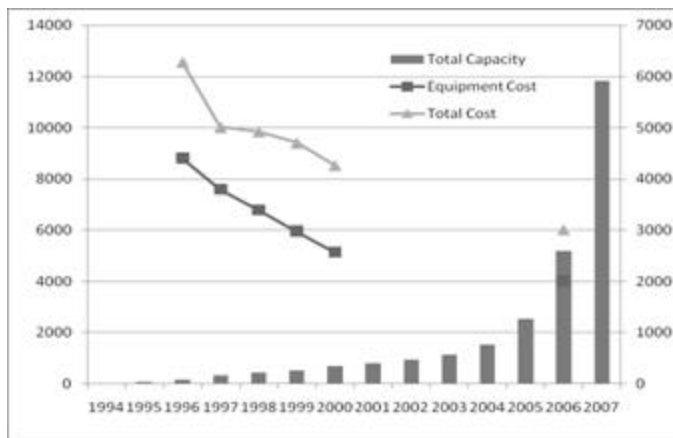
???????????? : ???????

- Without government guided policy, the private enterprises have no incentive to transfer the best low carbon technologies because of competitiveness concern.

????????????, ?????????, ?????????  
?????????

- Only relying on technology transfer in private sector, the developing countries can't access to the best low carbon technologies.

????????, ?????????













# Conclusion

??

- Transferring low carbon technology to developing countries, enhancing technology capacity, reducing unit investment by localization and learning by doing are crucial to facilitate development of low carbon infrastructure in developing countries.

????????????????, ?????????????, ????????? "???"  
?"?????, ?????????????????????

- Technology transfer, carbon market and incentive policy are important measures to promote application of low carbon technology in large scale

??

- Developed countries should facilitate the transfer and diffusion of low carbon technology through government guided policy including subsidies, preferential loan

????????????????????????????????????, ?????????????  
?

- Technology based T-CDM can attribute to break deadlock and achieve win-win option

?????? T-CDM????????, ??????



**THANK YOU FOR YOUR  
ATTENTION**

**? ? !**