



世界风能协会

Всемирная Ассоциация по Ветроэнергетике

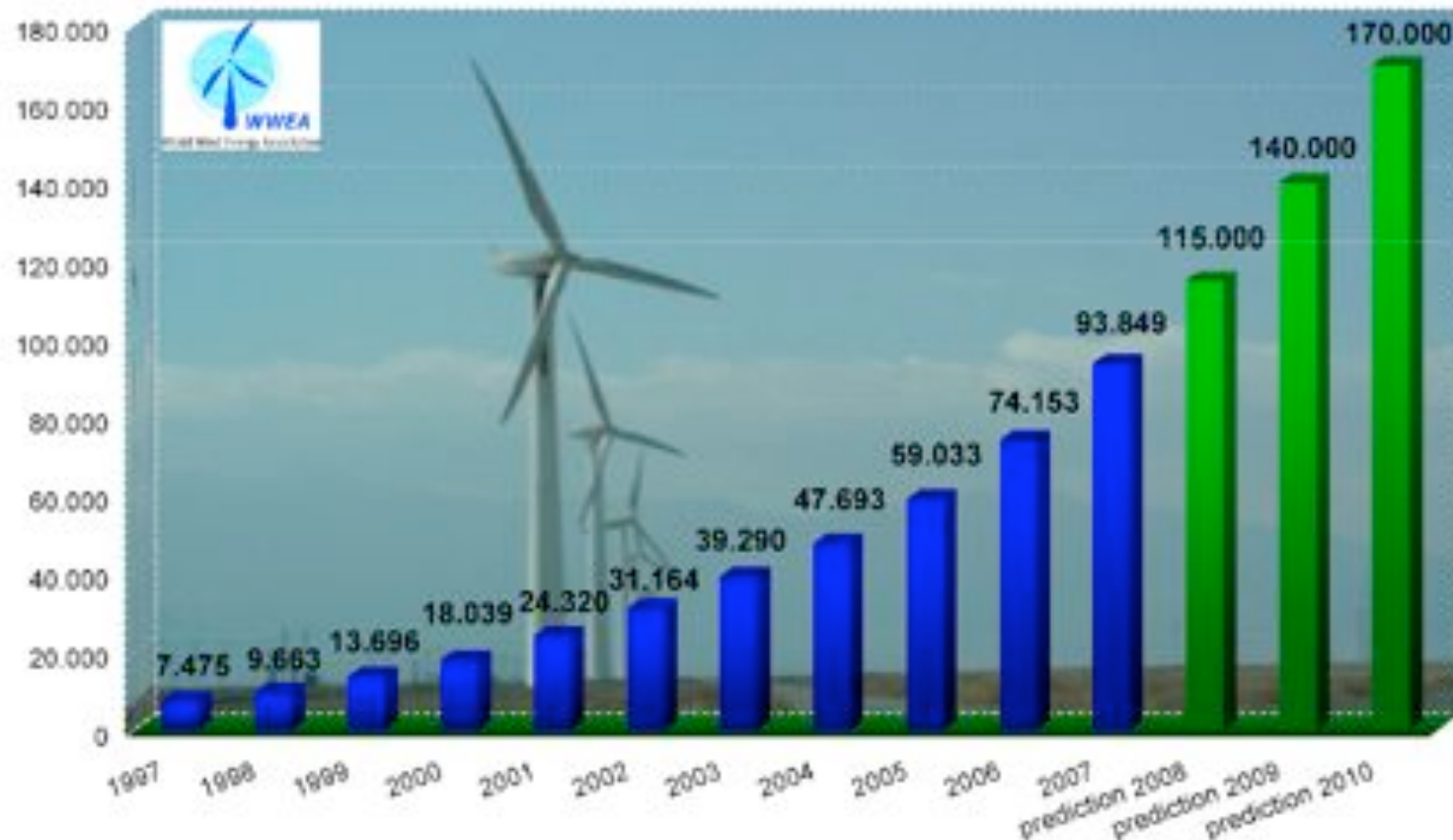
The World Wind Energy Association
www.wwindea.org

INFORSE – EREF European Sustainable Energy Seminar Brussels, 8 April 2008

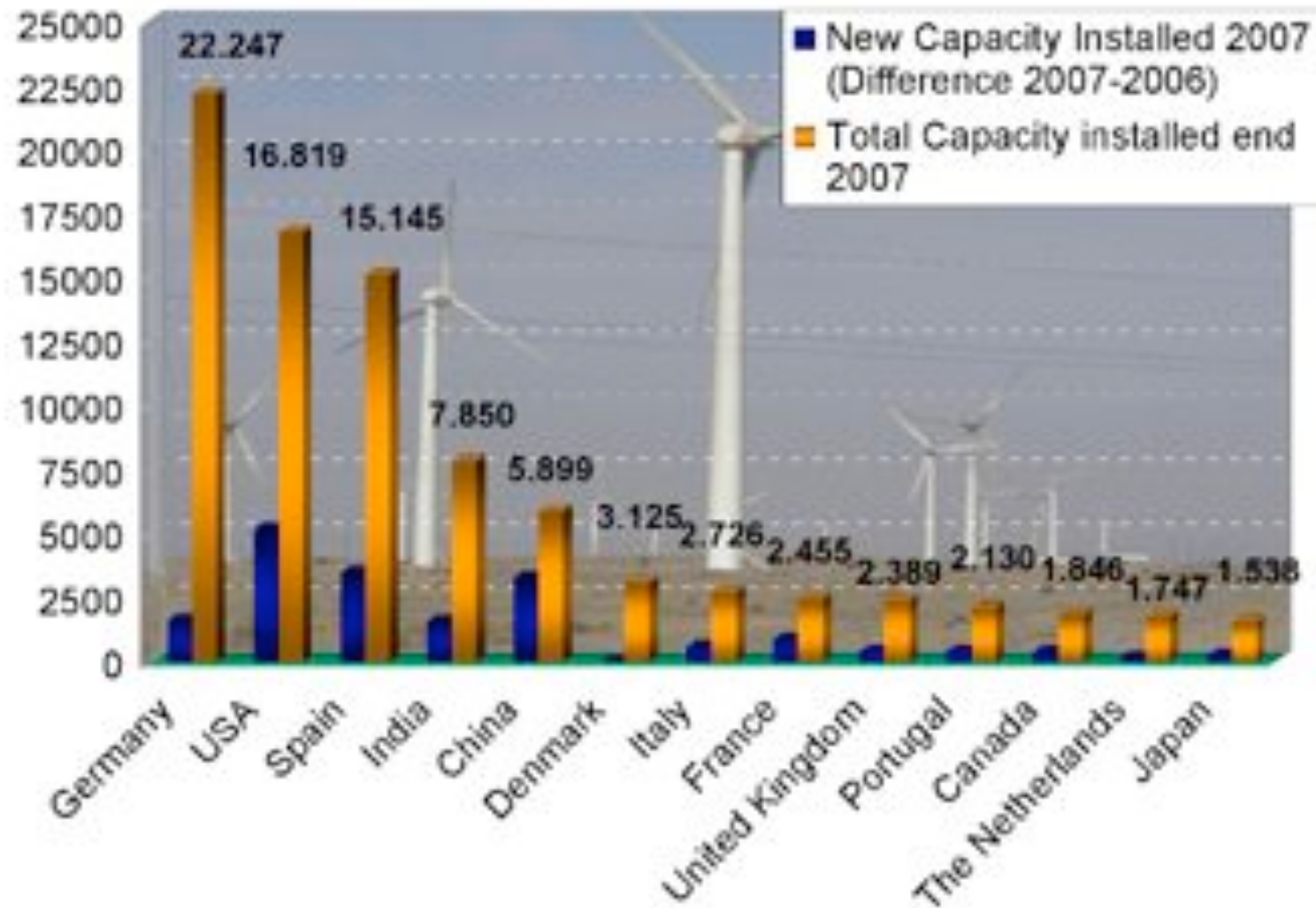
How to move forward in the European Union

http://www.inforse.org/europe/seminar08_BXL.htm

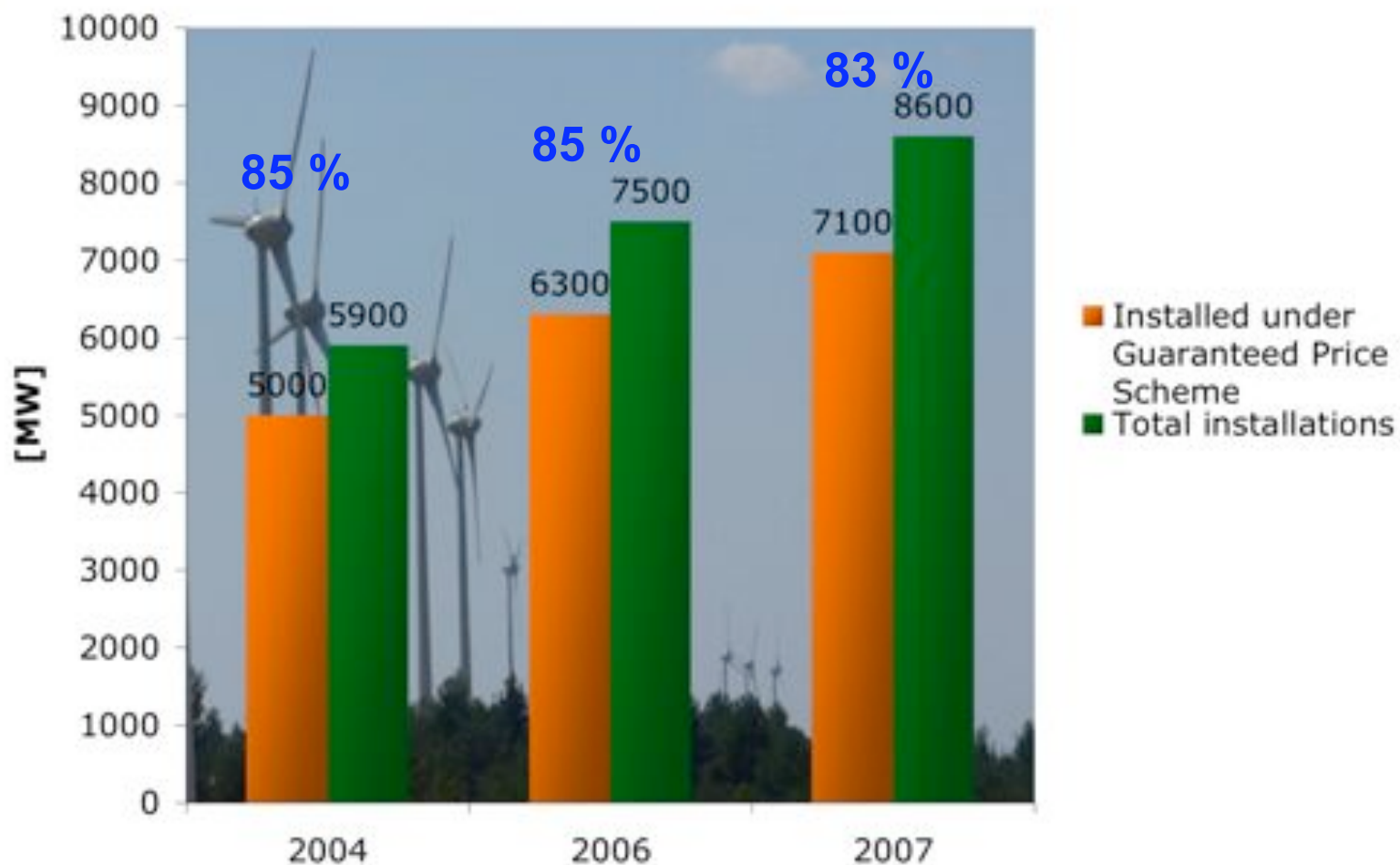
World Wind Energy - Total Installed Capacity and Prediction 1997-2010 [MW]



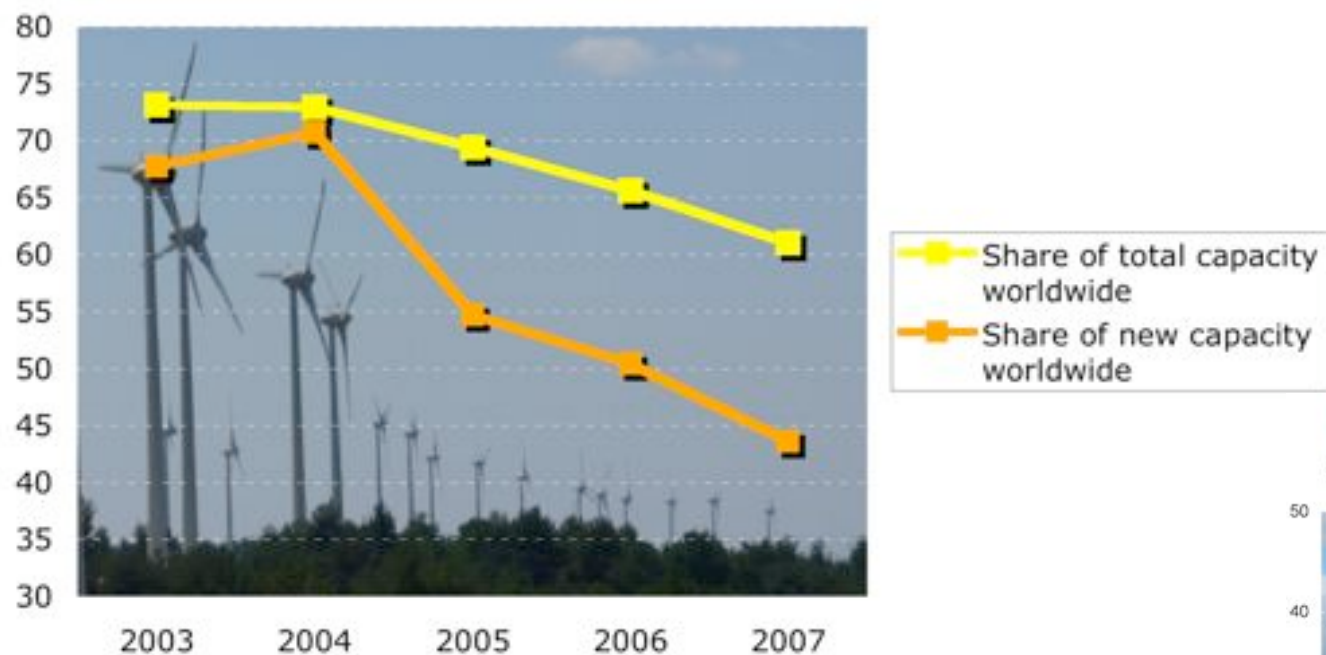
Wind energy share in global electricity consumption today: 1,3 %
In Europe: ~ 5 %



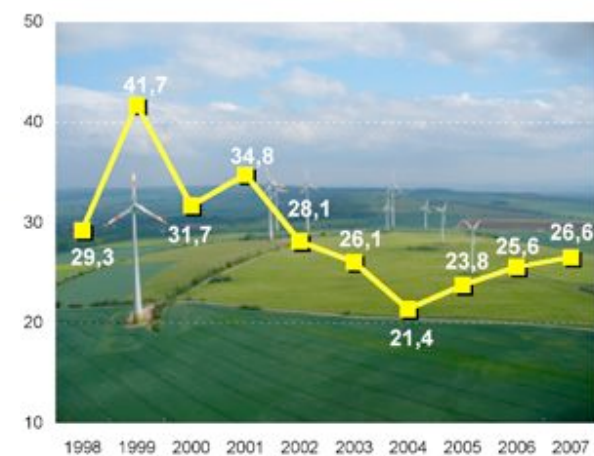
Effectiveness by policy tools in the EU: Installation figures



Worldwide Installation Shares of Europe [%]



Wind Energy Worldwide
Average Annual Growth Rates [%]





**Only 11 out of 27 EU countries
have increased their additional wind capacity in the year 2007!**

16 member states showed stagnation or decreasing markets!

**Additional measures will be required
to achieve the necessary accelerated deployment!**



**North America is coming closer:
5600 MW of new capacity in 2007
= 28,4 % of total new capacity worldwide**

**In North America Feed-in Tariffs are seen more and more as
THE successful policy tool –**

In the following states/provinces feed-in legislation has been initiated:

**Ontario, California, Florida, Hawaii, Illinois, Michigan, Minnesota,
Rhode Island, Washington, Wisconsin**

And by Congressman Jay Inslee for the USA



**European Commission in the report
on the support of electricity from renewable energy sources (December 2005):**

”In the case of wind power, the green certificate systems show a big gap between generation and support (...)

all countries with an effectiveness higher than the EU average use feed-in tariffs. This type of system has the best performance for wind energy. (...)

The most effective systems for wind energy are currently the feed-in tariff systems in Germany, Spain and Denmark.”

Conclusion

1. EU harmonisation, if at all, must be based on EU-wide feed-in scheme.
2. Quota/certificate trade scheme/s will not ensure achievement of EU targets.
3. EU will keep its pole position only when continuing and extending the successful feed-in approaches.
4. Detailed proposal for EU feed-in directive for renewable energy has to be based in principle on successful national schemes - could provide cross-border balancing/funding mechanisms - several proposals are under preparation



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Join the World of Wind Energy



See you in Kingston/Canada, 24-26 June 2008

www.wwec2008.com