



NATIONAL WIND POWER

Regional Wind Energy: the Promise and the Reality

Dr Martin Marais

Friday 12th December 2003



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Presentation Structure

- Introduction to NWP
- Assumptions
- Context
- How are we doing?
- Improving the situation
- Conclusions



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Assumptions

- Accepted need for renewable energy
(whether believe in global warming or not)
- Awareness of the national targets
 - 10% by 2010
 - 15% by 2015
 - 20% by 2020
- Awareness of the development of regional targets
- Aware that a range of technologies will be required
 - wind already available
 - government is supporting other forms
 - especially biomass
 - TV Energy



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Context

- Region's targets for renewable energy
- Region's targets for wind
- Number of turbines

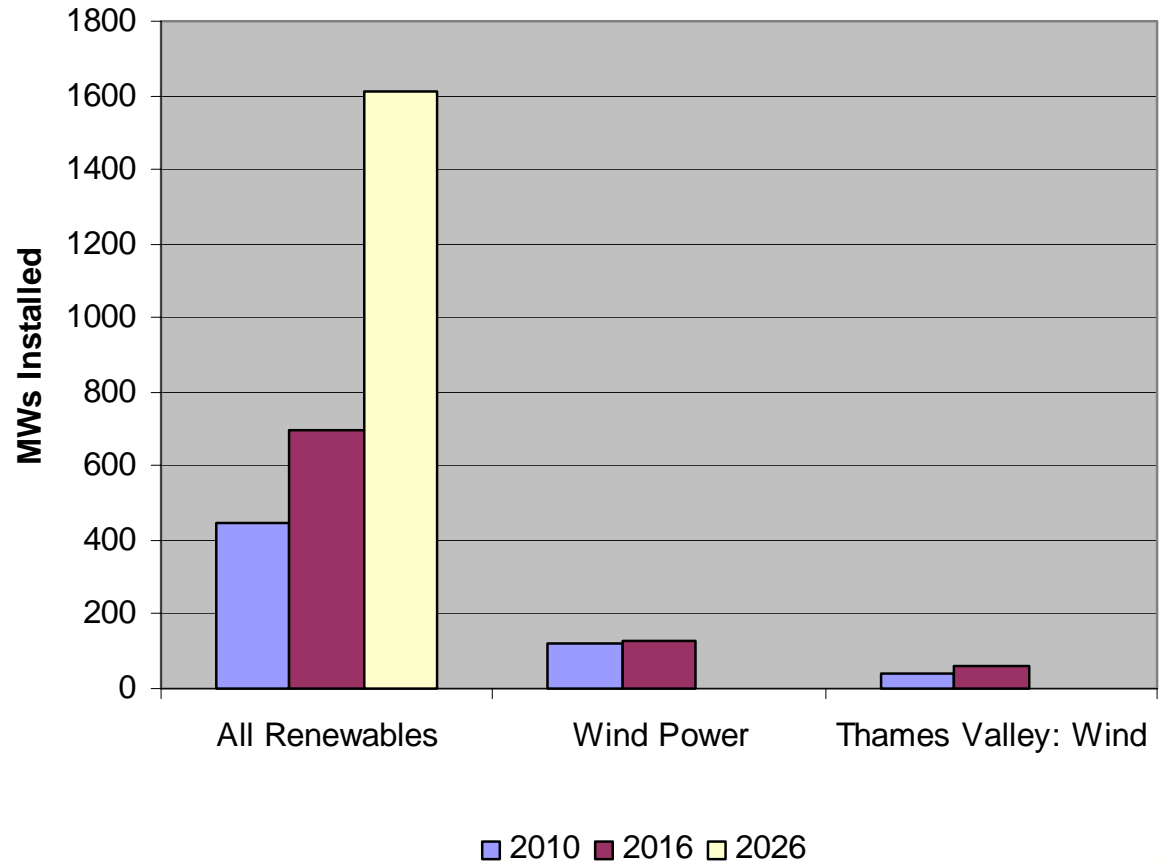


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Context

Renewable Energy Targets for South East England



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Delivery

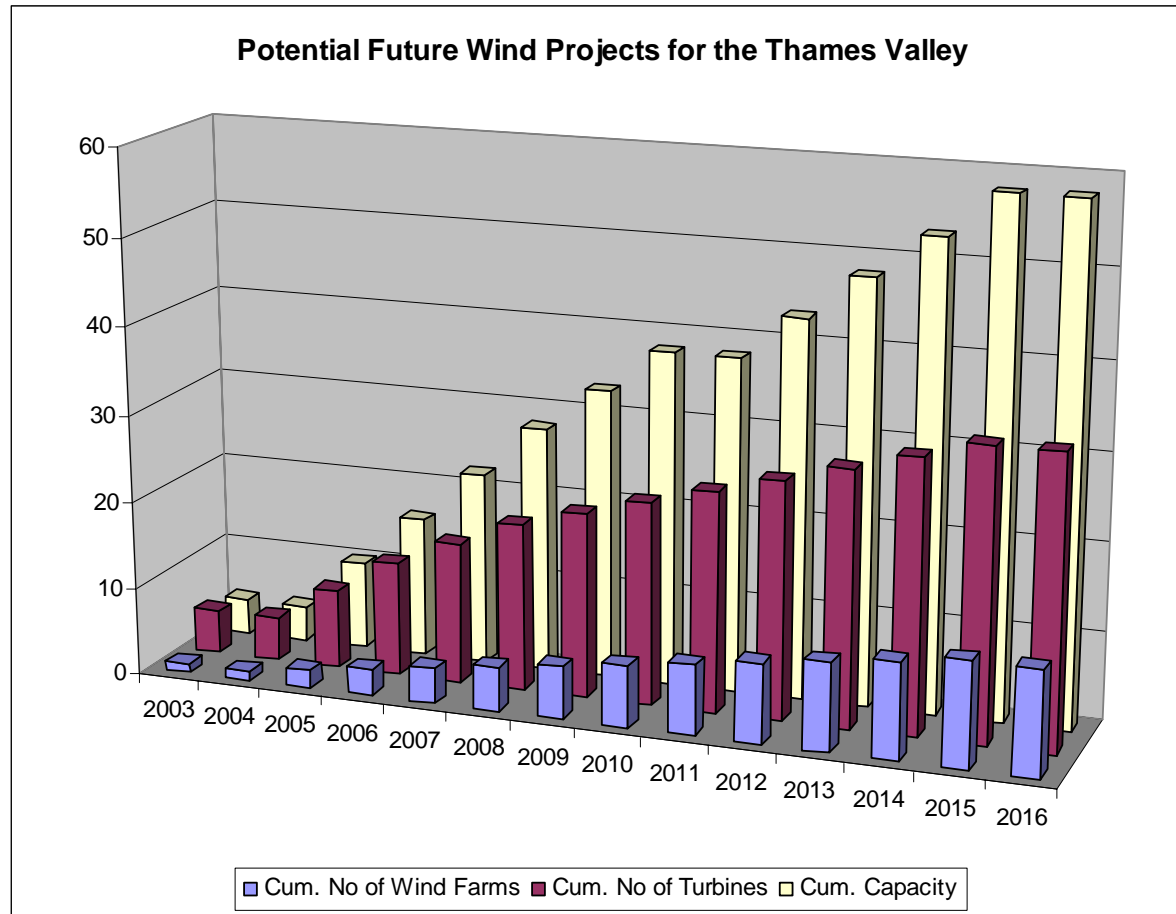
Year	Wind farm Capacity	Turbine Capacity	Number of Turbines	Cum. No of Wind Farms	Cum. No of Turbines	Cum. Capacity
2003	4	0.8	5	1	5	4
2004	0	1.0	0	1	5	4
2005	6	1.5	4	2	9	10
2006	6	1.5	4	3	13	16
2007	6	2.0	3	4	16	22
2008	6	2.0	3	5	19	28
2009	5	2.5	2	6	21	33
2010	5	2.5	2	7	23	38
	7		23			
2011	5	2.5	2	8	25	38
2012	5	2.5	2	9	27	43
2013	5	2.5	2	10	29	48
2014	5	2.5	2	11	31	53
2015	5	2.5	2	12	33	58
2016	0	0	0	12	33	58
	5		10			
12 Projects			33 Turbines			



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Delivery



1 project every 13-14 months
2.4 turbines a year



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How Are We Doing?

Analysis of recommendations against decisions

- Review of submitted projects for 2002 and 2003
- Consideration of the recommendation
- Consideration of the decision

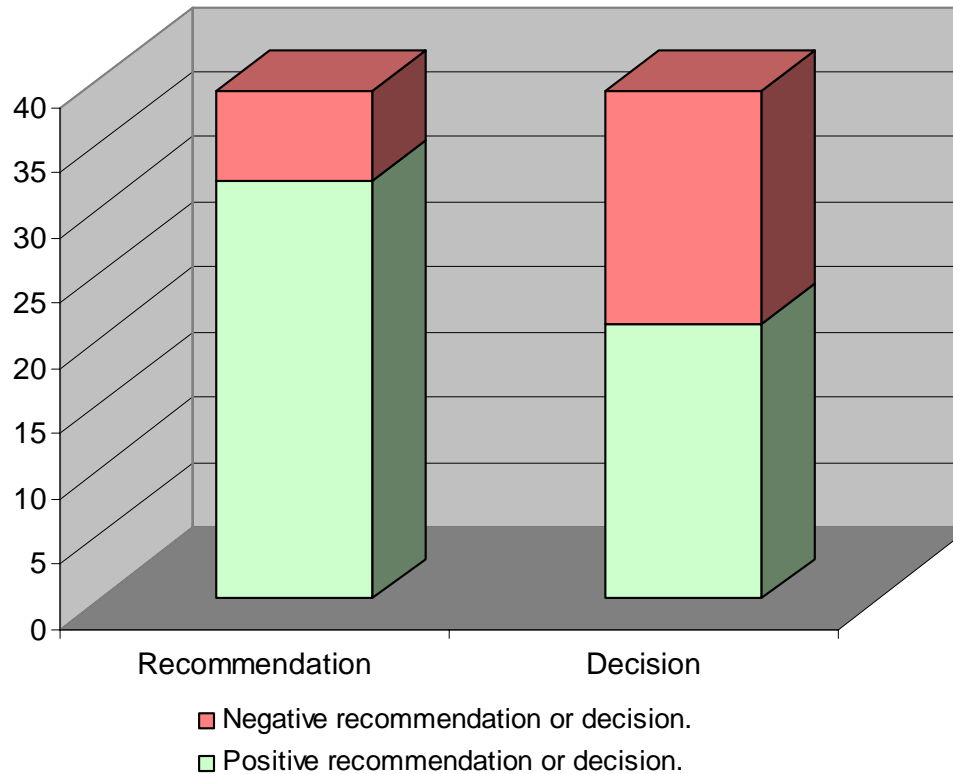


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Recommendations and Decisions

Recommendations and Decisions
Relating to Wind Projects.



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Improving the Situation

- Planning Officers
- Members
- Public



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Improving the Situation

Planning Officers

- continue with the messages
- support with national policy guidelines
- support with regional policy and targets
- visits to wind farms



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Members

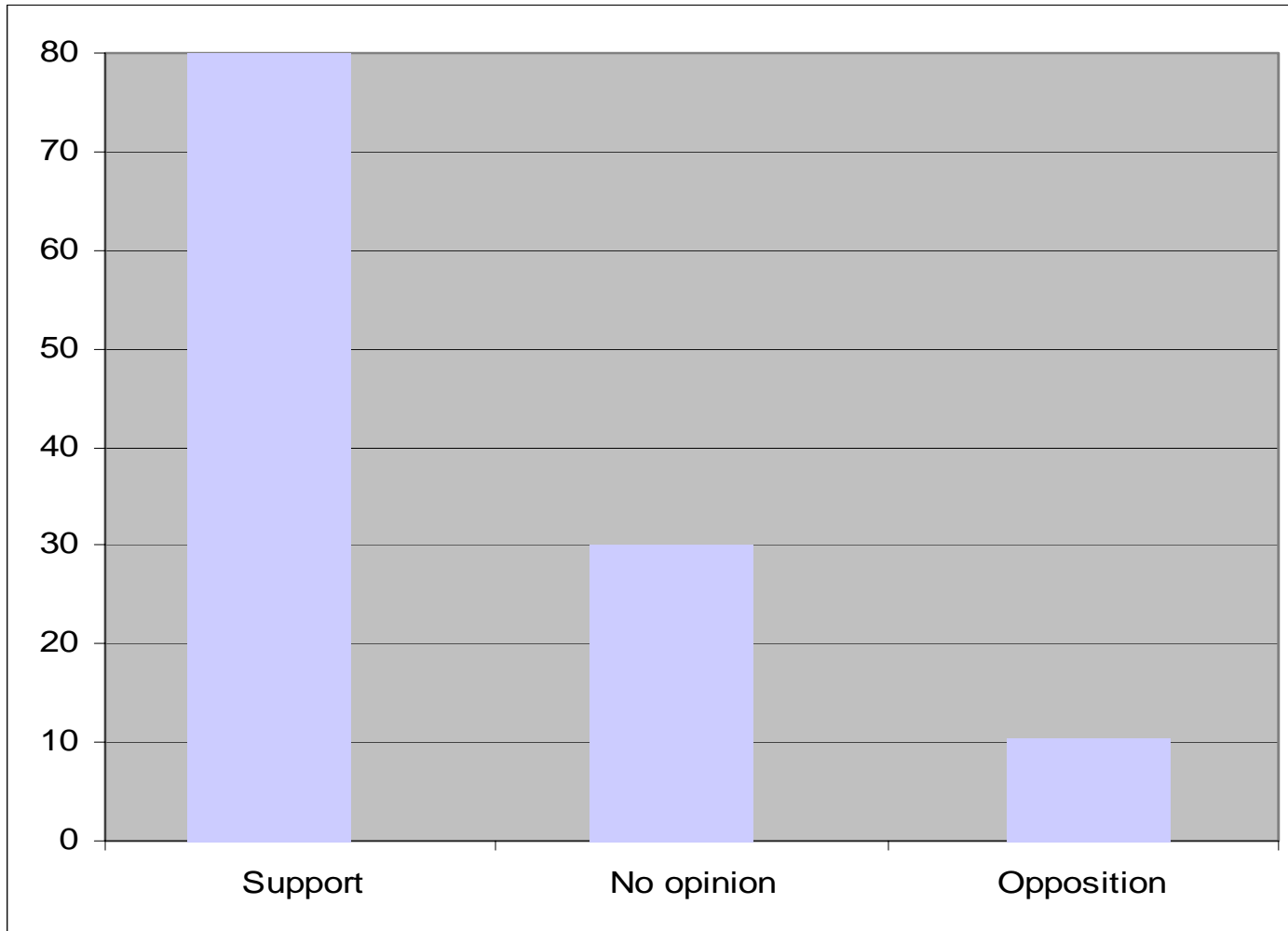
- make aware of environmental responsibilities
- thinking globally and acting locally
- improve understanding of technology & perceptions
 - visits to wind farms
 - connect with public (not just the loudest)



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Public Support



Improving the Situation

Planning Officers

- continue with the messages
- support with policy guidelines
- support with regional policy and targets
- visits to wind farms

Members

- make aware of environmental responsibilities
- thinking globally and acting locally
- improve understanding
 - visits to wind farms
 - connect with public (not just the loudest)

Public

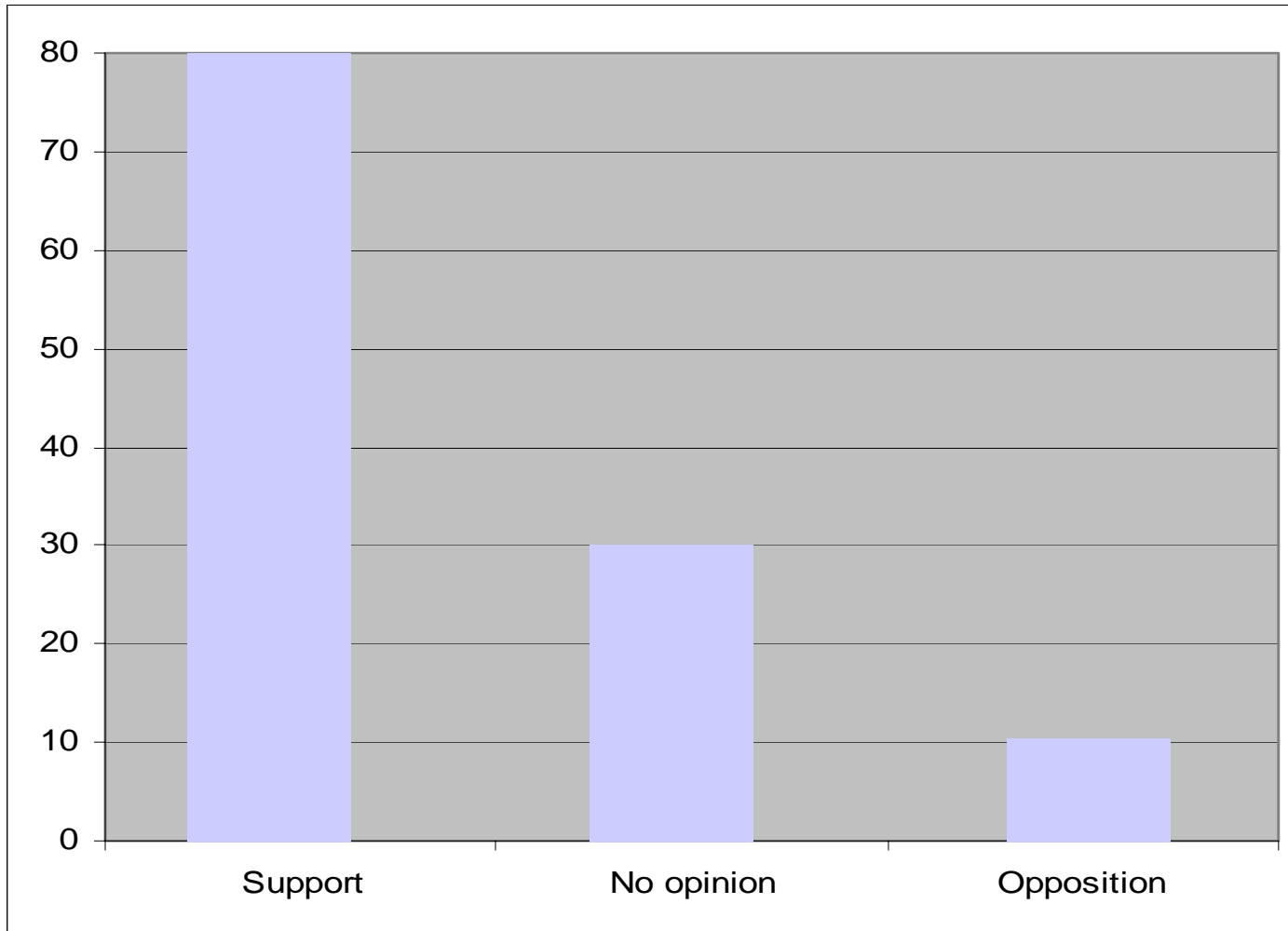
- encourage support of projects



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Public Support



Concluding Remarks

- Accepted need for renewable energy
- There are national and regional targets
- There are a range of technologies available
- wind is already available and will make a significant contribution
 - including in the South East
- Planners are making more positive recommendations
- Planning committees are still failing to support wind applications
- A need for increasing awareness and understanding



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