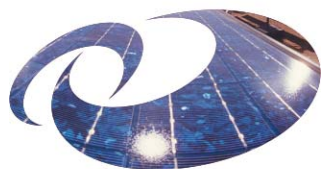




# A Regional Perspective for the North East



Caroline Oldridge & Dan Grierson



Planning for Wind Energy

28th July 2004



# Today's Presentation



- Regional Planning Guidance
- Renewable Energy Strategy
- Regional Spatial Strategy
- Meeting The Targets
- RENEW Tees Valley Study
- NEREG Awareness Raising



# Regional Planning Guidance for the North East



- Published in November 2002

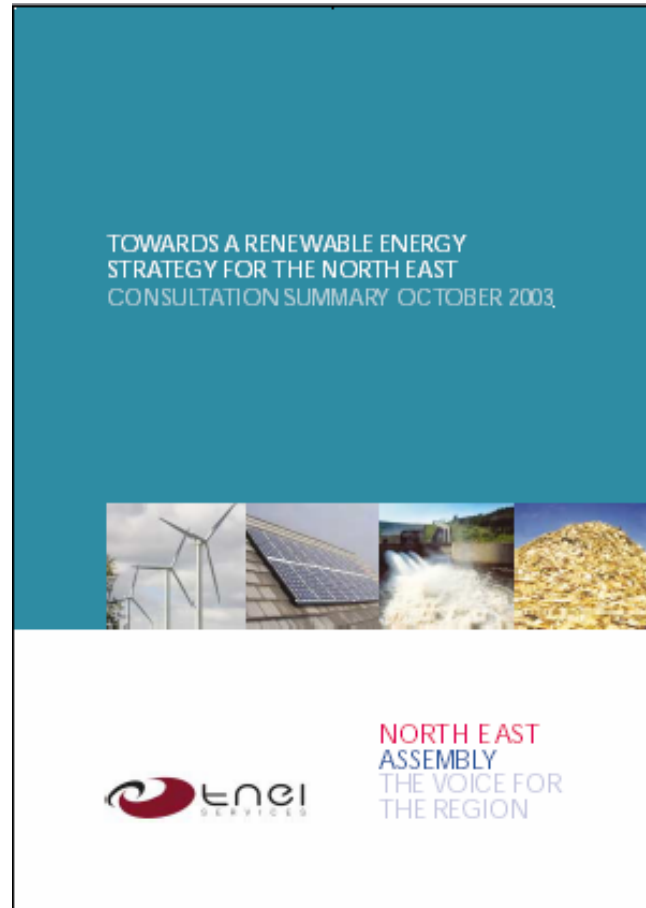


- Contains broad range target



- Policy EN2

# The Regional Renewable Energy Strategy



- NEREG
- 2003
- Meet RPG1

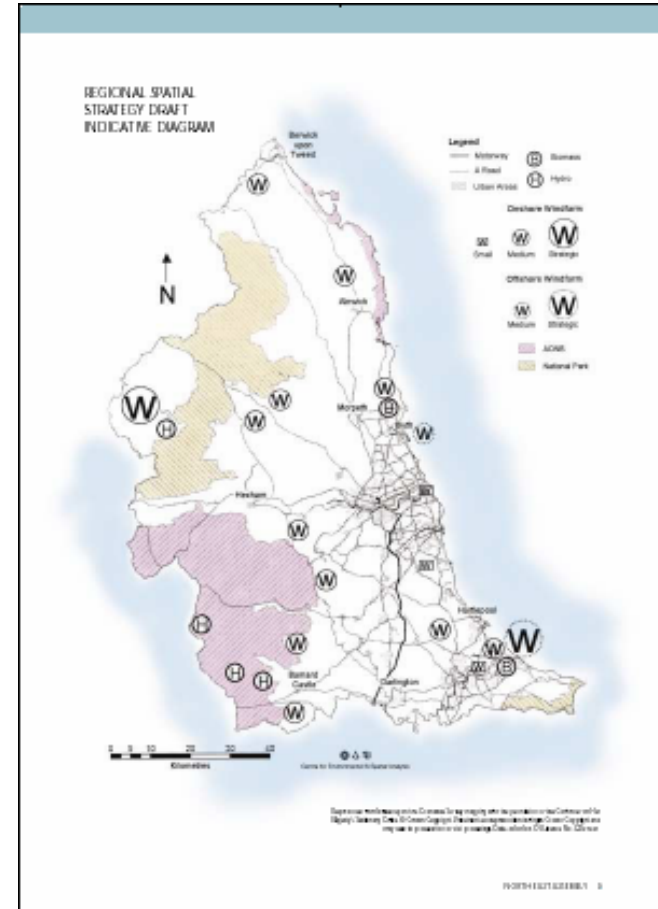


# Wind Resource Area Indicative Diagram



- Wind Resource Areas

- Policy approach for RSS



# Next Steps for The Strategy



- Consultation ended



- Changes agreed



- Review assumptions

- Update strategy

- Feed into RSS



# Regional Spatial Strategy Timetable



- Draft due for consultation in early December until February
- Submit to SoS by the end of March 2005
- EIP winter 2005
- Adopt late 2006

# Regional Spatial Strategy Content



- Informed by stakeholder involvement throughout process



- Seek to deliver and monitor the RE Strategy



- Identify Wind Resource Areas
- Positive policy approach



- Informed approach to development determination

# Regional Targets



RSS to adopt targets of:



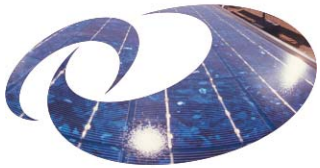
- 10% of consumption from renewable sources by 2010
- 60% of which from wind - (240MW)



- 20% of consumption from renewable sources by 2020



- 76% of which from wind - (525MW)

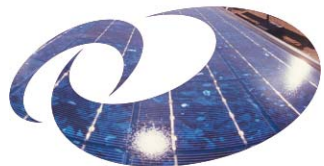




## Meeting The Target



- Target of 10% of demand from renewables by 2010



- 60% of target to be met from wind (240 Megawatts)



- Approximately 120 Wind Turbines

# What have we got now?



## Windfarm

## Turbines

## MW

- Kirkheaton 9 2.7
- Blyth Offshore 2 3.8
- Blyth Onshore 9 2.7
- Great Eppleton 4 3
- Holmside 2 5.5
- Hare Hill 2 5.5
- High Volts 3 8.25
- Tow Law/High Hed. 6 4.5
- Glaxo 2 0.5





## Installed capacity



- 35.55 Megawatts from 33 turbines



- Enough electricity for 21,500 households, or



- 51,000 people
- Prevents the emission of 80,000 tonnes of CO<sub>2</sub> per annum



## Whats in the Pipeline?

### Consented sites:



- Teeswind North 45 MW
- High Sharpley 2.6 MW



### Projects in the pipeline:

- TNEI involved with: 50+ MW
- Other known 75+ MW





## Known contribution to 10% target:



- Built 31 MW
- Consented 47.6 MW
- Pending 50 MW
- Probable 75 MW



**Total 200+ MW**





**HOWEVER**



**Considerable further potential exists:**





# RENEW Tees Valley



- Commissioned Wind Capacity Study
- Undertaken by TNEI
- Based on constraint mapping
- Identified 'Wind Energy Resource Areas' in the sub-region
- Identified 100 to 150 MW of potential





# NEREG



Local Authority Awareness Raising CD



A Useful Tool

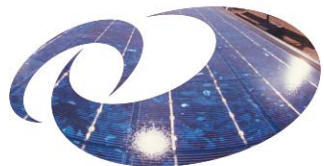




# NEREG

## Aim:

To bring together Local Authorities, environmental groups and the renewables industry to help overcome barriers and stimulate the market to deliver the Regional Renewable Energy Strategy.





Local Authority Awareness Raising CD



**Provides  
Guidance to Local  
Authorities in taking  
forward renewable energy  
developments**

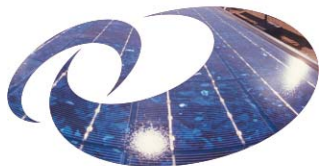




Prepared by North East Renewable Energy Group



Aimed at Local Authority members and officers



Piloted in Sedgefield and Wear Valley Councils

Launched on 29 June 2004





## **Basic information:**

National and regional planning policy



Planning issues



Issues faced by developers

Advice on appropriate consultation techniques



Case studies



## What next?

Now on GO-NE website



Developing NE Energy Website



Update as PPS and Good Practice Guide published

Regionally specific



More regional case studies



## What next (Cont)



All Local Authorities have copies and are rolling out with Members

Copies available today on CD



NEREG needs your feedback



Contact Kay Howes or Bill Adams at Government Office



**The End**



