

REFERENCE	
Title:	20% Wind Energy by 2030
Date:	July 2008
Author:	US Department of Energy
Funded by:	US Department of Energy
Hard copy reference:	
URL:	http://energy.gov/eere/wind/downloads/20-wind-energy-2030-increasing-wind-energys-contribution-us-electricity-supply
Date accessed:	21/04/14
Web Format:	pdf
IEA topics covered	Wind energy
Geographical focus:	United States
Brief Abstract:	This roadmap provides a comprehensive overview of one scenario in which 20% of the US energy is supplied by wind power.

OUTPUTS	
Short Report?	No
Major report?	Yes
Visualisations?	No
Information held on dedicated software?	NO
- which package?	

ARCHITECTURE	
Timescales used:	2008-2030
Trends and drivers?	Yes
- list	Need for increased funding; Environmental impacts; Economics; Energy Security; Job creation
Enablers?	Yes
- list	Need for public and stakeholder engagement to gain investor confidence; reduces greenhouse gas emissions; increase activity within the sector increases job creation and local economics; Wind energy added to the energy portfolio will provide greater energy security
Performance measures/targets?	No
- list areas	
Mapping of RD&D activities?	No
Critical assessment of capabilities?	No

PROCESS	
Methods used:	
- Desk study?	Yes
- Consultation	Yes
- Interviews?	Unknown
- Facilitated workshop(s)	Yes
- Working groups/task force	Yes
- Integrated Process	Yes
Stakeholders engaged:	
- University based researchers	Yes
- Other public sector researchers	Yes
- Business – technology	Yes
- Business – other	Yes
- Government - energy	Yes
- Government – SET	No
- Government - other	Yes
- NGOs	Unknown
No of people engaged:	Unknown
Budget (if known):	Unknown
Commitment to re-visit?	Yes, 2014

ACTIONS IDENTIFIED	
List of actions?	No
Actions listed according to timescale?	
Actions prioritised?	
Sequencing/dependencies identified?	
Responsibility for actions identified?	
Types of actions identified:	
- Basic research?	
- list areas	
- Applied research?	
- list areas	
- Development & demonstration	
- list areas?	
- Other types of action?	
- list other types	

This Roadmap Characterisation was compiled by Samantha Quinn of the University of Edinburgh in May 2014

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