

# Limbo Lands Status & Next Steps

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# Overview

- Approach
- Status
- Geographic Information System (GIS) Analysis
- Pilot Projects
- Outreach & Stakeholders

# Approach

- GIS Analysis to show overall national opportunity and preliminary ranking
- Pilot Project approach
  - develop stakeholder relations and understanding of practical and site specific issues for renewable project development

# Status

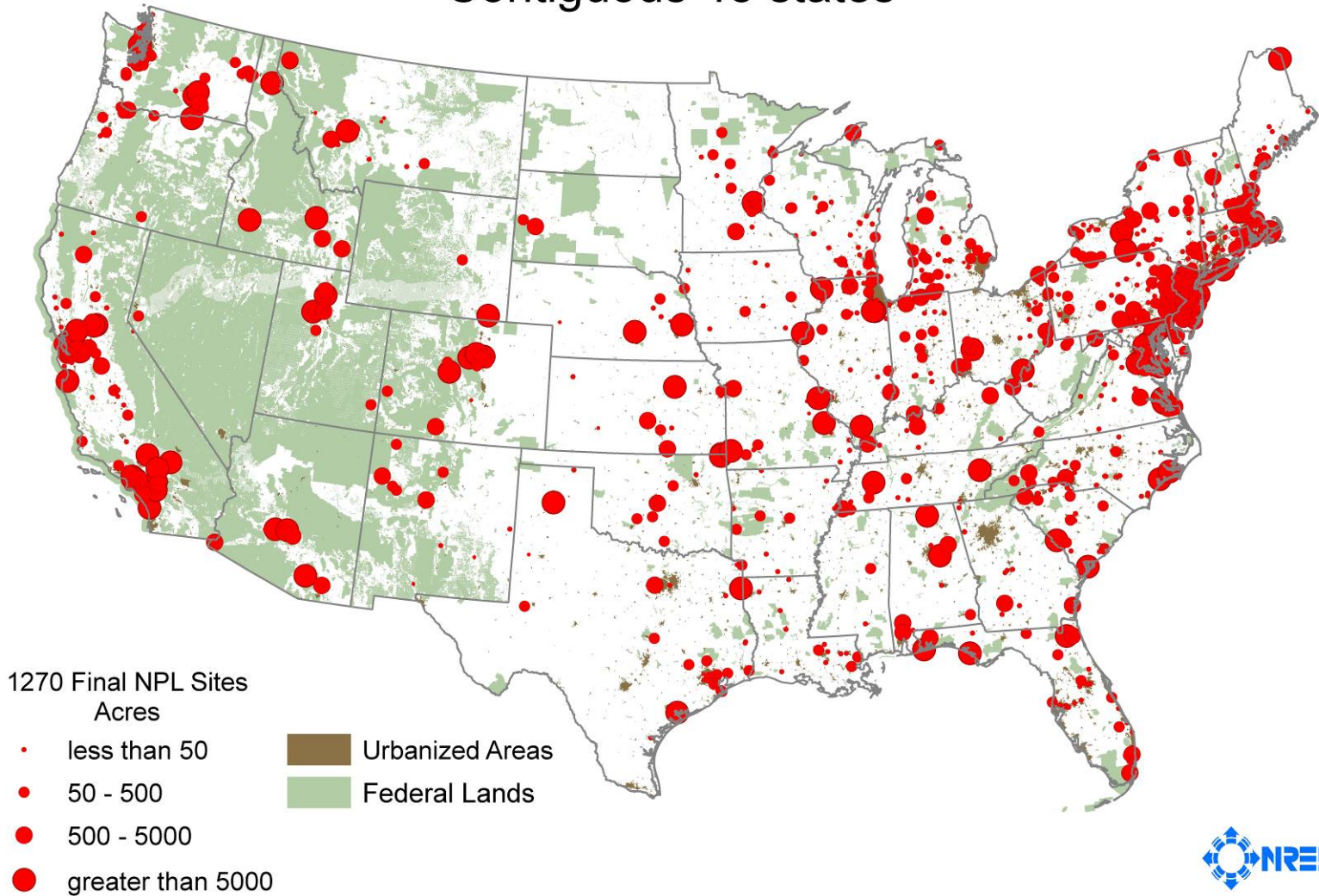
- GIS Analysis
  - Drafted report (includes major questions)
  - Identified agency & consultant resources to answer questions
  - Obtained access to CERCLIS data
- Pilot Projects
  - Initial ideas on Federal Facility opportunities
  - Connections to EPA Programs
    - Abandoned Mine Land
    - Brownfields

# GIS Analysis

- Identify the high potential sites for different renewable resource types
  - Apply NREL screening criteria
- Categorize sites by potential clients & stakeholders to facilitate pilot project / program (e.g. federal lands, tribal lands, mine lands, brownfields)
- Limbo Lands data and database interpretation remains a challenge

# SUPERFUND SITES ON NATIONAL PRIORITY LIST

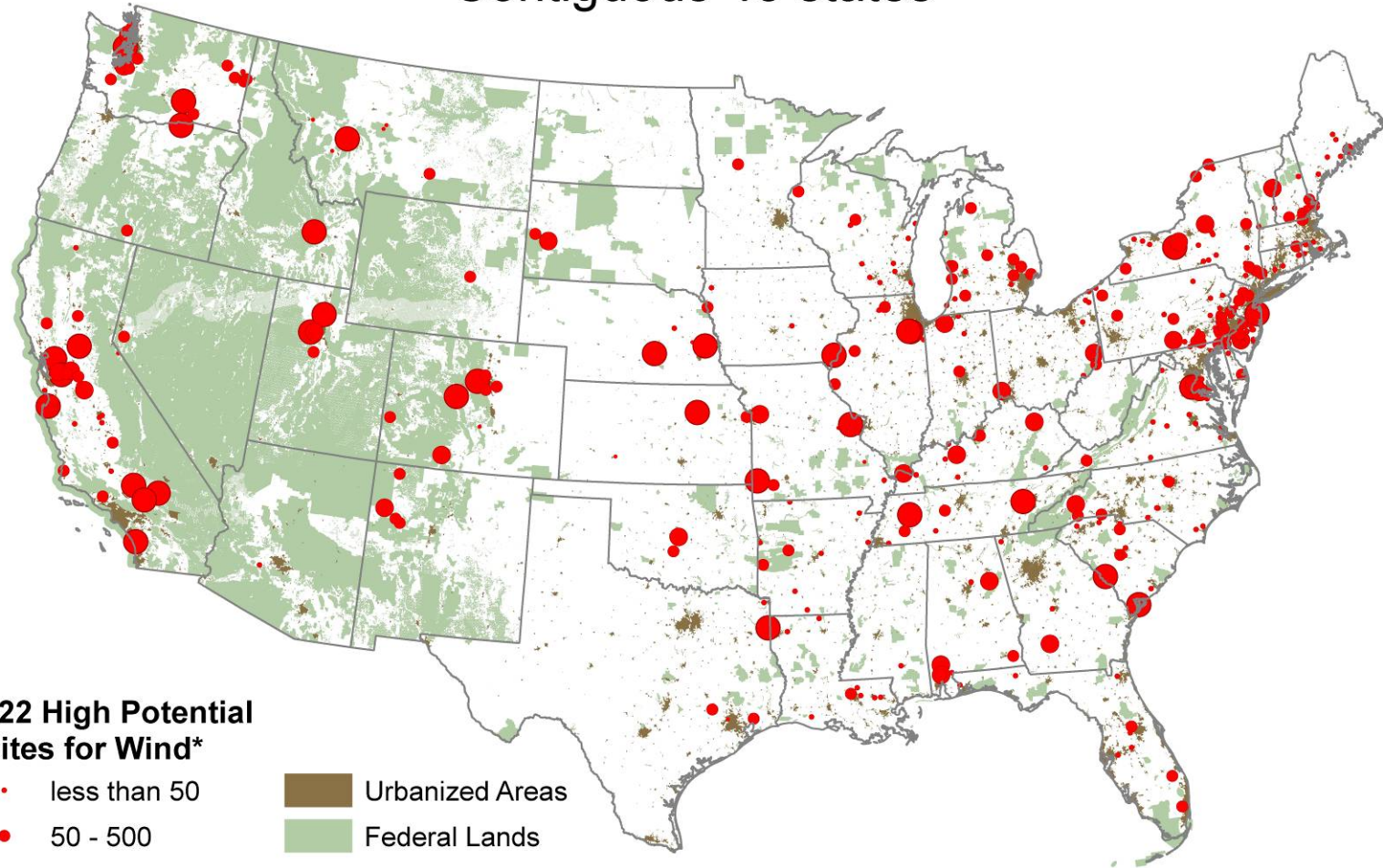
Contiguous 48 states





# SUPERFUND SITES ON NATIONAL PRIORITY LIST

Contiguous 48 states



## 422 High Potential Sites for Wind\*

• less than 50

• 50 - 500

• 500 - 5000

• greater than 5000

Urbanized Areas

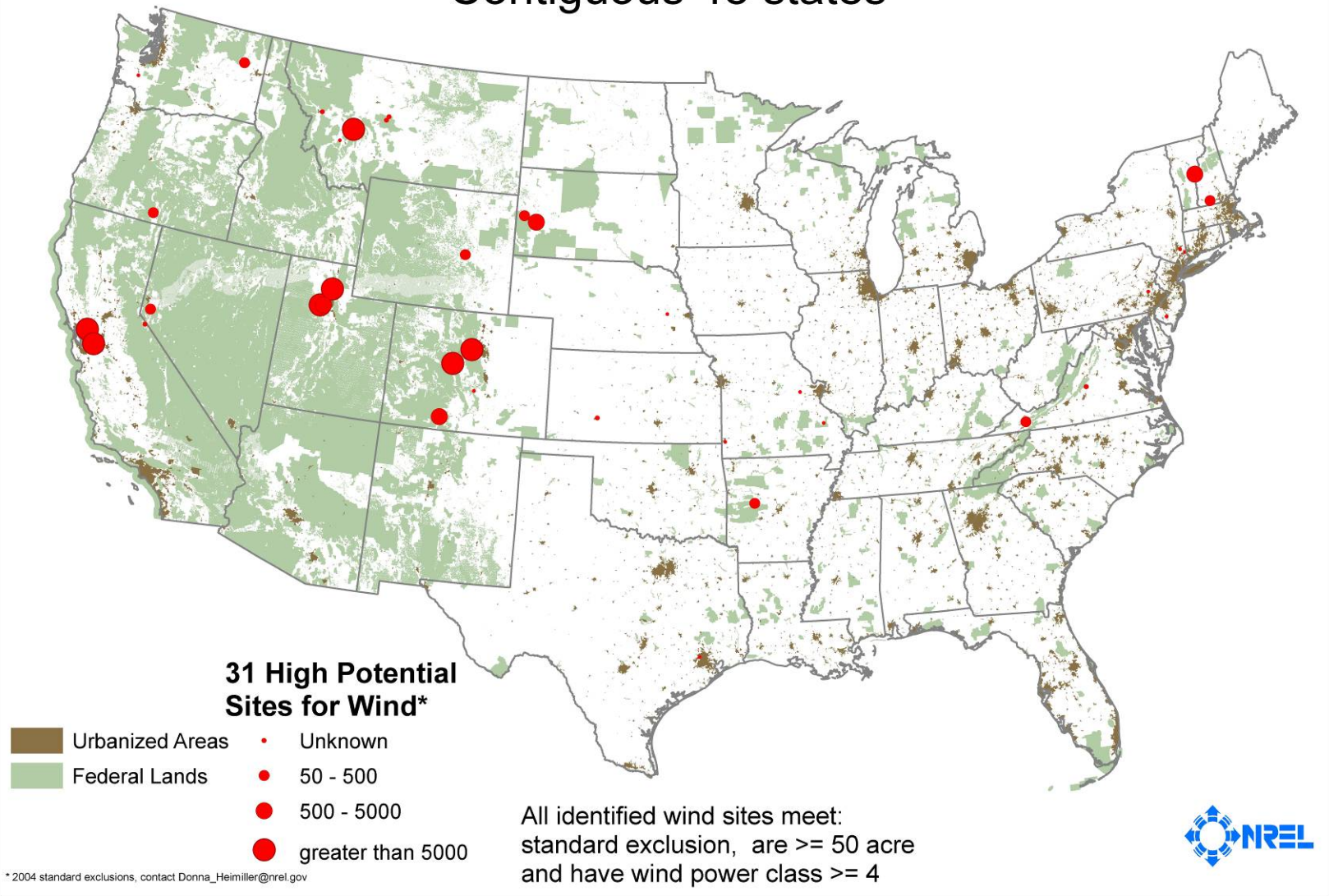
Federal Lands

\* 2004 standard exclusions, contact Donna\_Heimiller@nrel.gov



# SUPERFUND SITES ON NATIONAL PRIORITY LIST

Contiguous 48 states





# SUPERFUND SITES ON NATIONAL PRIORITY LIST

## California

### High Potential Sites for Wind\*

- Unknown
- 50 - 500
- 500 - 5000
- greater than 5000

- Urbanized Areas
- Federal Lands

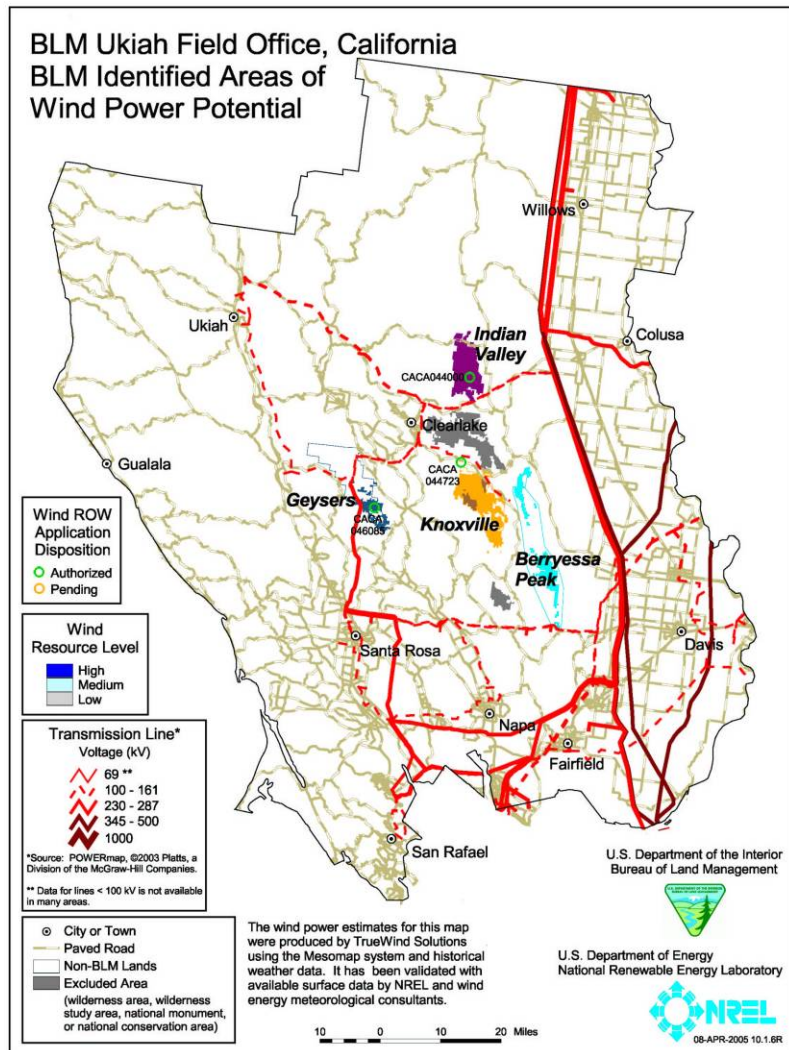
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# Pilot Projects

- FEMP federal lands analyses
  - BLM Assessment of Renewable Power Potential
  - >100 Wind project applications on BLM land
  - BLM Wind PEIS to streamline NEPA process
  - Analysis for wind use in BLM Land Use Plans
- Hot Leads for Pilot Projects
  - Nearby Wind projects on BLM lands
  - DOD Renewable Study – priority sites

# BLM Wind Land Use Plan Pilot



# Pilot Projects (cont'd)

- FEMP - Renewable project facilitation
  - Assessment of economic potential
    - Attractive to private developers/financiers
  - Identify contract requirements for effective public/private partnerships
  - NEPA compliance issues if Fed land
  - Advice on issue/barrier resolution
  - Strategies to address stakeholder needs

# Outreach and Stakeholders

- Federal Agencies
  - DOD
  - DOE
  - EPA Federal Facilities program
  - DOC Economic Development Administration
- EPA Programs
  - Brownfields
    - Potential Presentation at National Conference – Nov 05
  - Superfund
  - RCRA Brownfields
  - OSWER (overall)



# Outcomes for EPA Success

- Let's Discuss