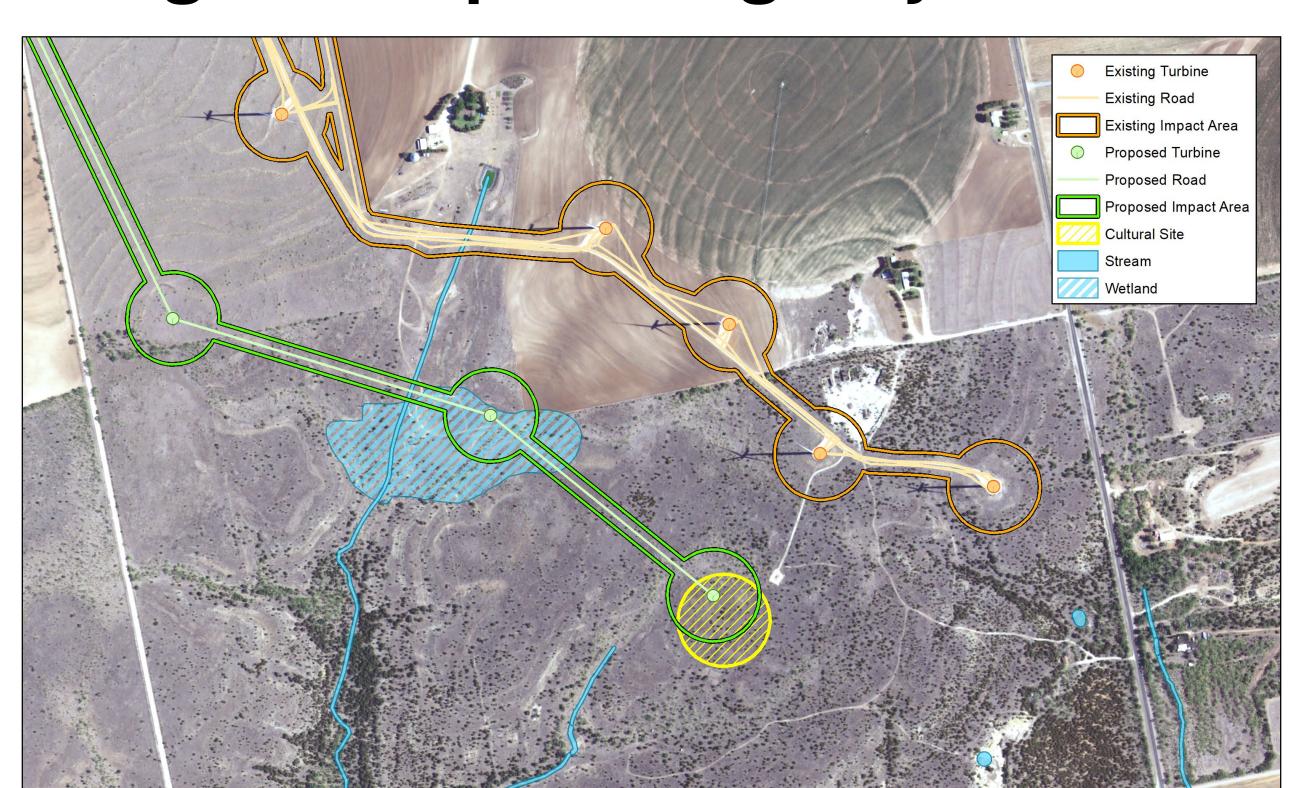
Repowering wind projects faces a storm of challenges — shifting regulations, tighter operations, redesign hurdles, costly mitigation, and increased monitoring.

# Reviving the Wind: Navigating Environmental Challenges in Repowering Projects



## What is Repowering?

Upgrading or replacing aging wind turbines to enhance energy output, improve efficiency, and extend project lifespan.

## **Benefits of Repowering**

- Increased Energy Production
- Extended Project Lifespan
- Reduced Maintenance Costs
- Environmental Benefits
- Grid Integration

#### **Types of Repowering**

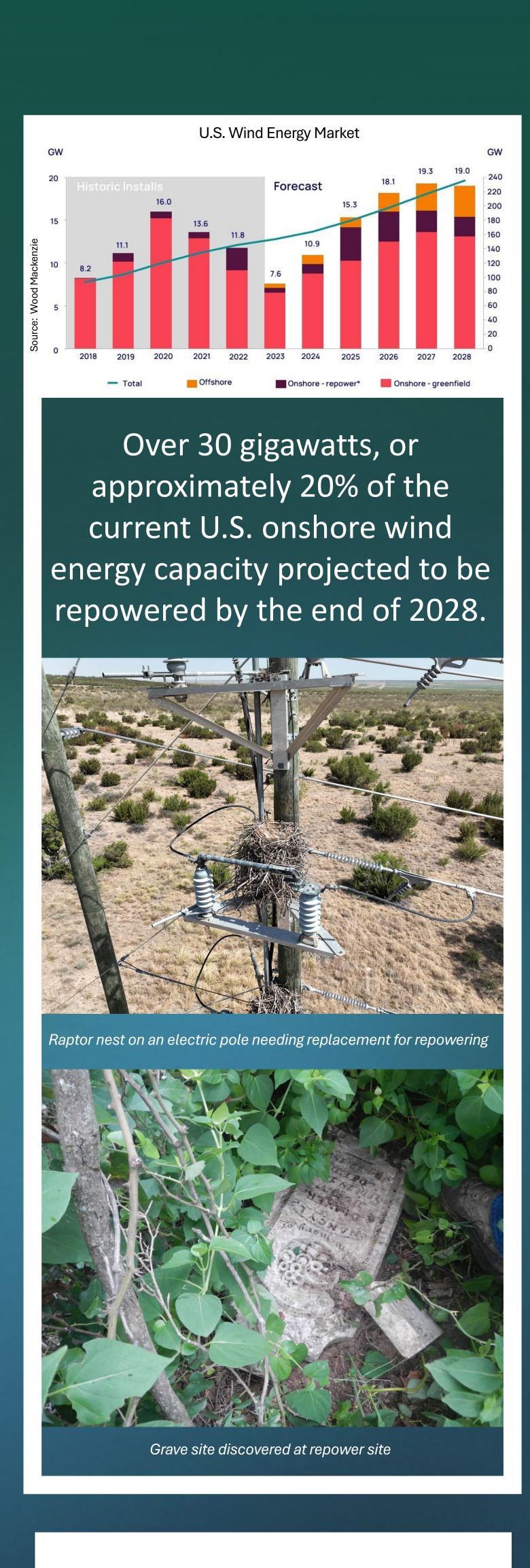
- Partial Repowering (or top-off)
- Full Repowering
- Hybrid Repowering

#### Challenges

- Regulatory Changes
- Permitting and Compliance
- Operational Restrictions
- Project Redesign
- Mitigation Costs
- Monitoring Requirements

#### **Strategies**

- Thorough Regulatory Review
- Mitigation and Minimization
- Creative Solutions
- Appropriate Documentation



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Let's Connect





