



USING RENEWABLES AS VERS

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ENERGY**

An Iberdrola Renewables Company

Community Energy

Constructing Solutions to Climate Change

- Clean energy market pioneer
- Experienced wind farm developer
- Subsidiary of
IBERDROLA RENEWABLES
 - world's largest renewable energy company by installed capacity
- Clean energy supplier to
 - 130,000+ residences and businesses
 - 18 utility green power programs
 - Some of the largest green power purchasers in the nation



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The Question

Should carbon reductions from renewable energy projects be used to offset Scope I & III emissions?

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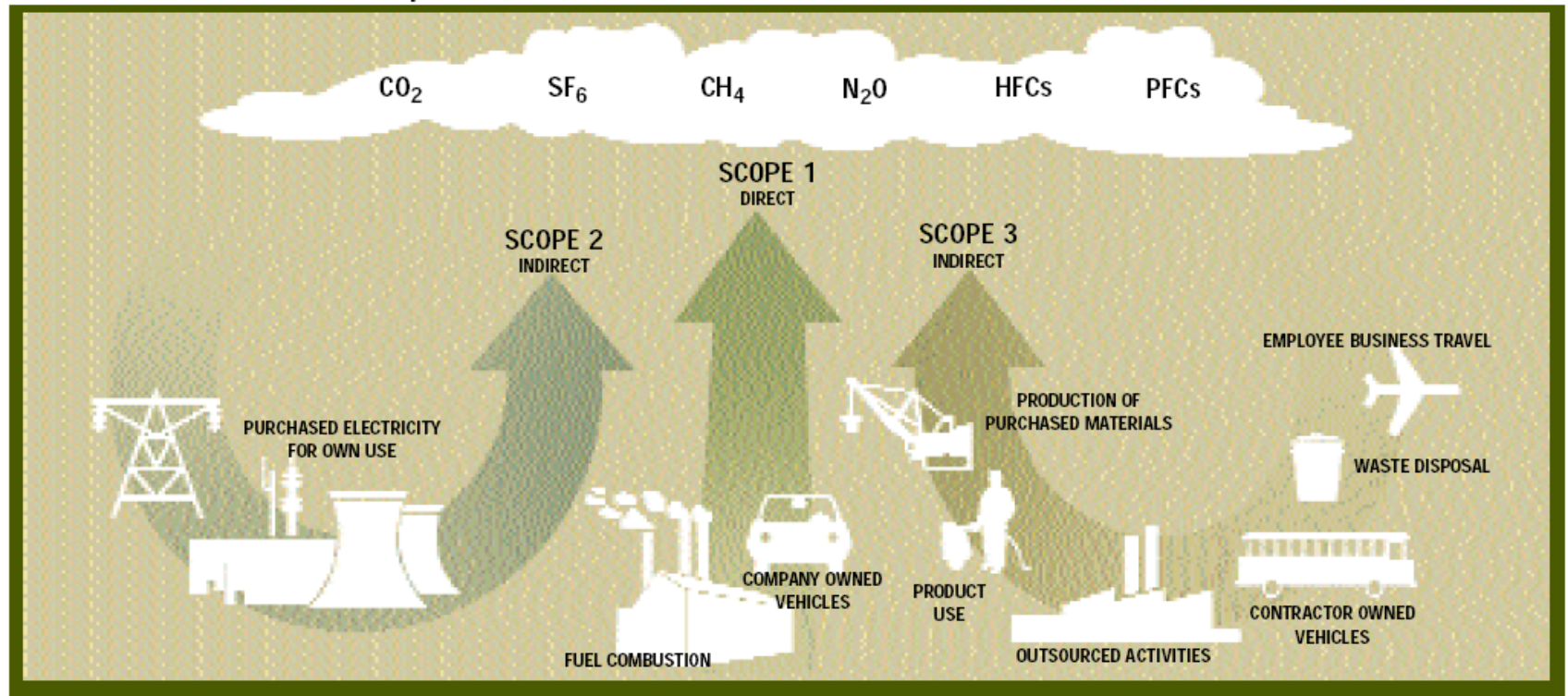


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Business Inventory Scope 1-2-3

FIGURE 3. Overview of scopes and emissions across a value chain



Adopted from NZBCSD, 2002

* WRI GHG Protocol

*GHG emissions converted to CO₂e



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The Question

Should carbon reductions from renewable energy projects be used to offset Scope I & III emissions?

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The Answer

YES, and

US Renewable Energy Projects
should be the preferred source
of offsets for US businesses
and consumers.

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What Makes a Quality Offset?

- Real
- Permanent
- Additional
- Verifiable



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What Makes a Quality Offset?

- Real
 - WRI Protocols
 - Green-e Climate Renewable Energy Protocol
 - Gold Standard
 - Voluntary Carbon Standard

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What Makes a Quality Offset?

- Permanent
 - Displaces traditional generation
 - Fuel not burned = permanent reduction

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What Makes a Quality Offset?

- Additional
 - Environmental Attributes including carbon reductions are essential component of wind farm financing

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What Makes a Quality Offset?

- Verifiable
 - RECs well-established tracking mechanism
 - Tracking systems in place across the country

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US Renewables as Carbon Offsets

- Real
- Permanent
- Additional
- Verifiable



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Benefits of Renewable Energy

Clean Air

- Displaces fossil fuel generation
- Coal 54% of electricity generation
 - Single largest source of air pollution
 - Known to cause asthma, heart and lung disease



Benefits of Renewable Energy

Jobs & Economic Growth

- 185,000 renewable energy jobs
- \$66.7 billion capital investment
- \$25.6 billion income to farmers, ranchers, and rural landowners



Benefits of Renewable Energy

Energy Security

- Natural gas prices more than double since 1990s
- \$10.5 billion in lower electricity and natural gas bills
- Free, homegrown fuel source



Conclusion

- Renewable Energy is the biggest positive change story of our generation
 - Real Carbon Reductions
 - Clean Air
 - Jobs & Economic Growth
 - Energy Security



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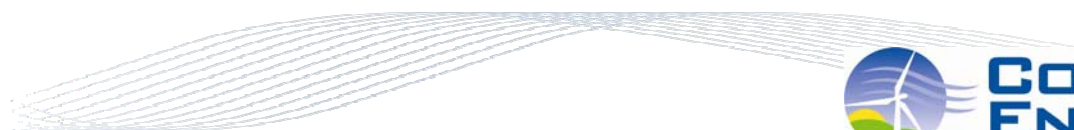
Questions?

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