

Feed-in tariff: renewable energy policy that works

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Presentation to RE-AMP,

July 1, 2009

Feed-in tariff (FIT): democratic

- “Anyone can generate”
 - Grid connection
 - 20-year contract
 - Reasonable rate of return



Photo credit: groSolar (NREL PIX)

Feed-in tariff (FIT): simple

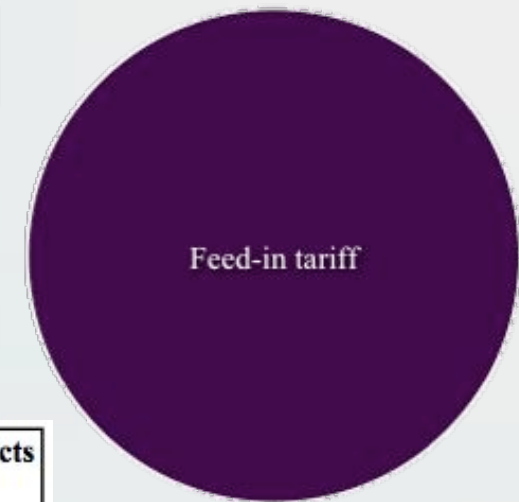
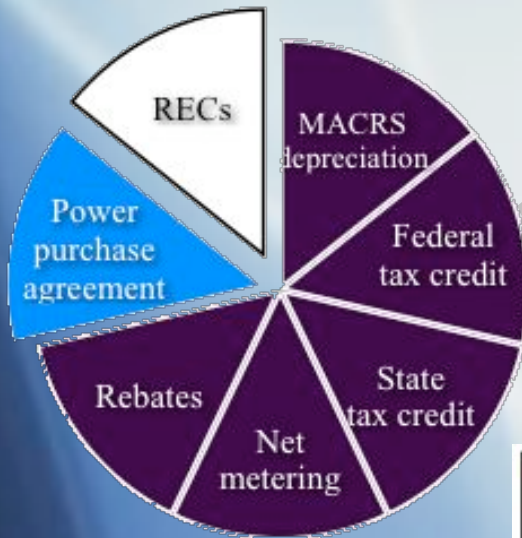
- “Anyone can generate”
 - Standard contract
 - Unified price
 - ~~PTC, ITC, MACRS, CREBS, EECGB~~

German
contract

U.S.
contract

Feed-in tariff (FIT): cost-effective

- “Anyone can generate”
 - Low risk = low interest financing



Revenue Streams for Renewable Projects

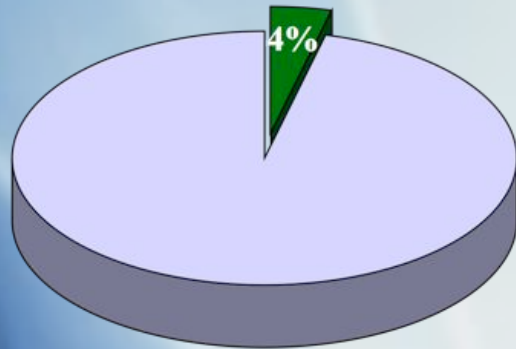
- Market based
- Semi-market
- Fixed

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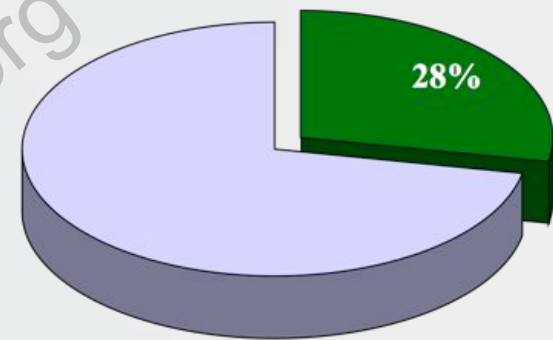
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Why feed-in tariff? Success.

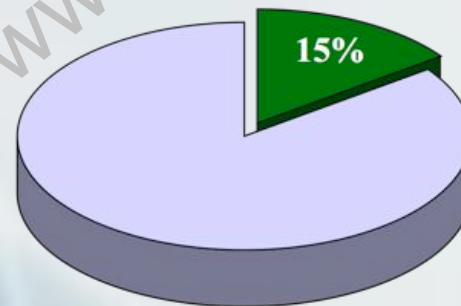
U.S. Electricity



Denmark's Electricity



Germany's Electricity



■ Renewable □ Non-Renewable

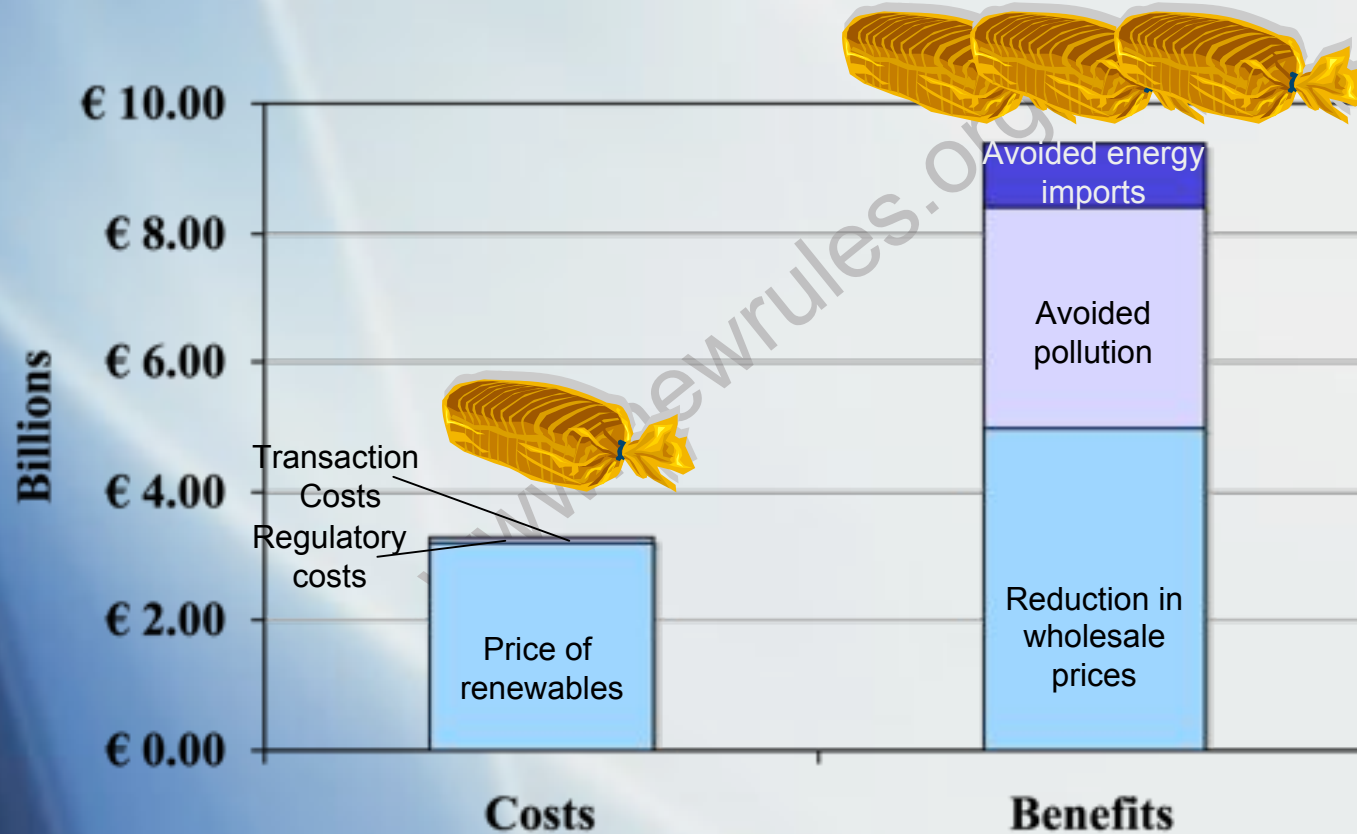
Why feed-in tariff? Ownership.

- Absentee
- “Out of two counties in Minnesota we export about \$80 million dollars a year to France, Florida, Italy, Portugal, Spain.”
- Local
- Two times the jobs per MW
- Four to five times more economic impact per MW

-Dan Juhl, community wind developer



Why feed-in tariff? Value.

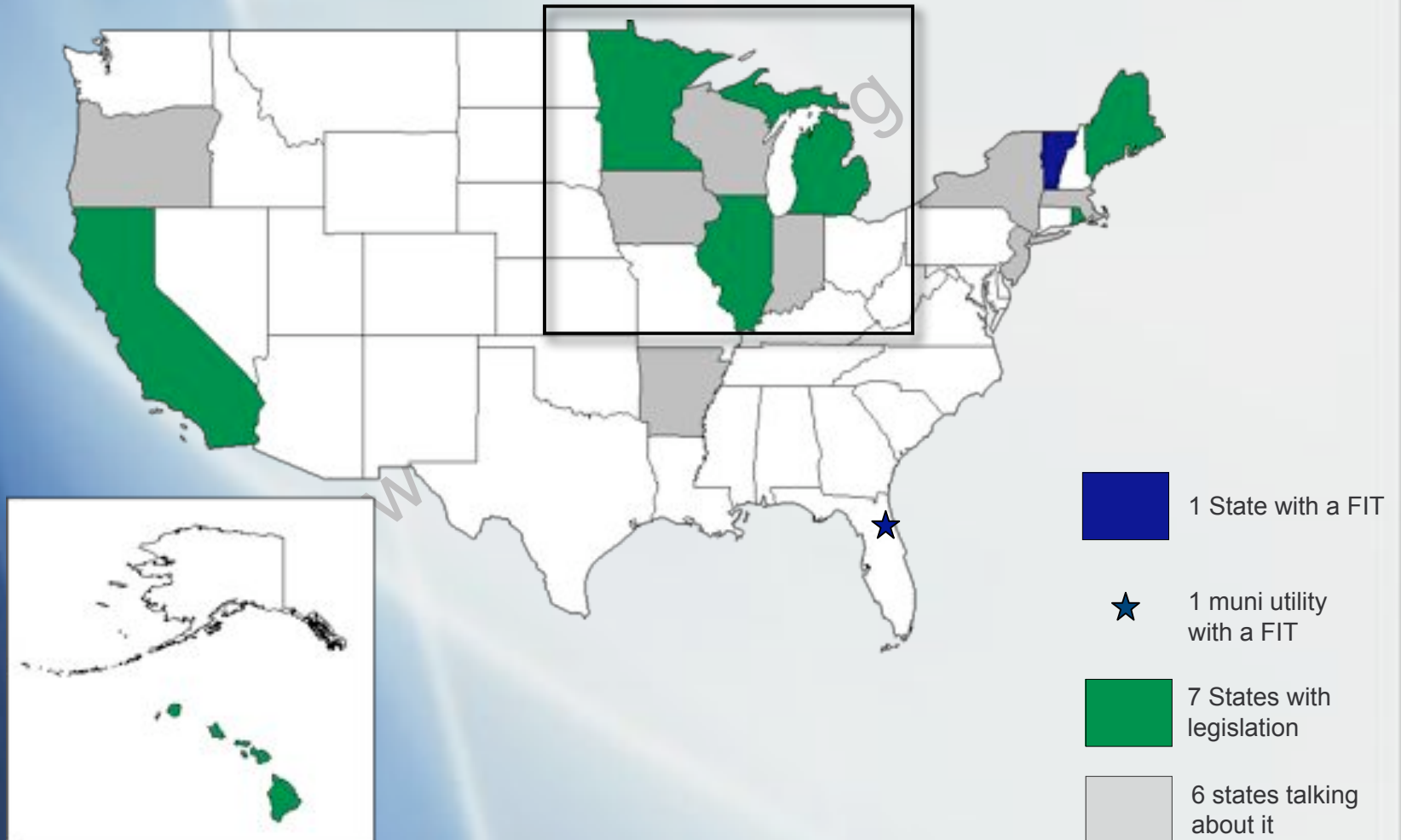


Ministry Evaluation of German Feed-in Tariff

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Where? The Midwest.



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Credit: Wilson Rickerson

When? Now.

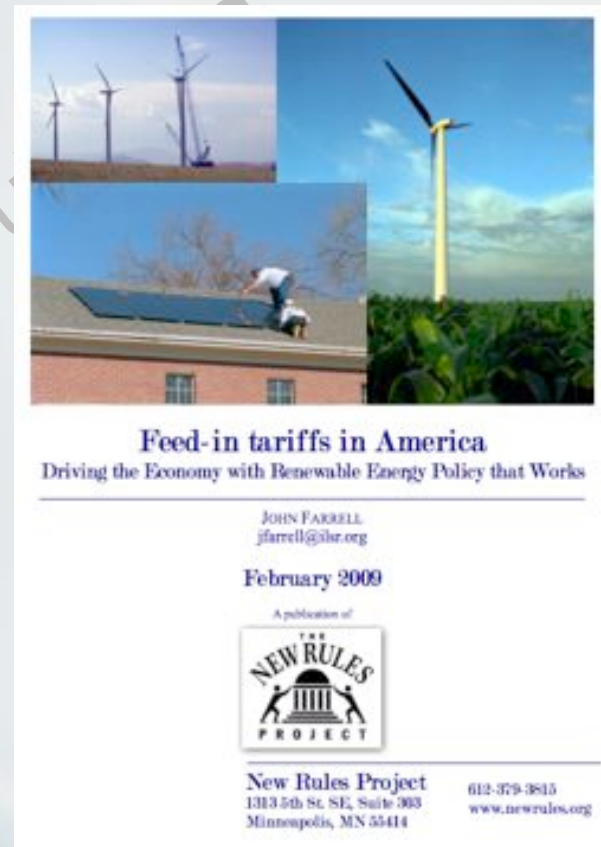
- In 2009 feed-in tariffs were...
 - Upgraded in Ontario
 - Enacted in Gainesville, Florida
 - Established in Vermont
 - Encouraged by AG Brown in California
 - Considered in IA, IL, MI, MN, IN, & WI

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Questions?

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