

# Toward an Integrated North American Market for TRCs

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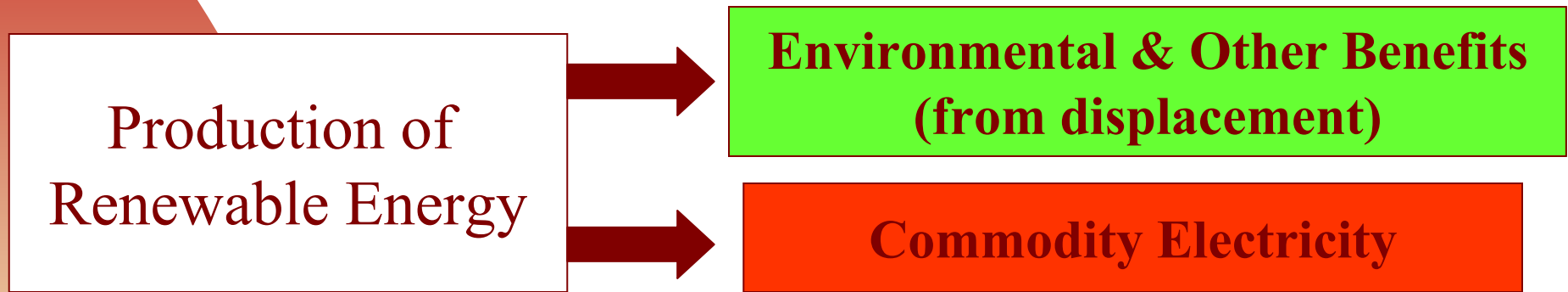
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# Introduction to TRCs



- *Certificates represent the contractual right to claim the environmental and other attributes associated with electricity generated from a renewable energy facility*
- *May be traded independently of energy markets*

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# What's in a Name

- Green Tags
- Green Tickets
- Renewable Credits
- Renewable Certificates
- RECs
- Tradable Renewable Certificates (TRC)
- T-RECS

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# How are TRCs Created

- Through a Contract with a generator
- Issued by a TRC Tracking or Accounting System

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# What are the Issues?

- Who Owns the TRCs?
- What Claims are being made?
- Are they legal & easily understood?
- How many TRCs were sold?
- How many TRCs were purchased?

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# Barriers & Challenges

- Need accurate and verifiable generation data
- Need a credible mechanism for issuing certificates
- Need a method for tracking certificate ownership
- Need to know what certificate represents
- Need to protect against double counting

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# Tracking Systems

- Verify Type of Generator
  - Generator registration/verification
- Issue TRCs to Generators
- How many TRCs were purchased?
  - Verify property rights and amount in specific accounts
  - Verify types of TRCs in accounts
- Was there any double counting?
  - Good within tracking system boundaries

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# North American Association of Issuing Bodies (NAAIB)

- Protects against double counting in North America
- Facilitates Imports/Exports among the member tracking systems
- Provides structure for new tracking systems

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## NAAIB – (Cont.)

- Facilitates national and international markets for TRCs and Carbon Offsets
- Provides credibility for Mexican TRCs
- Supports RE financing options

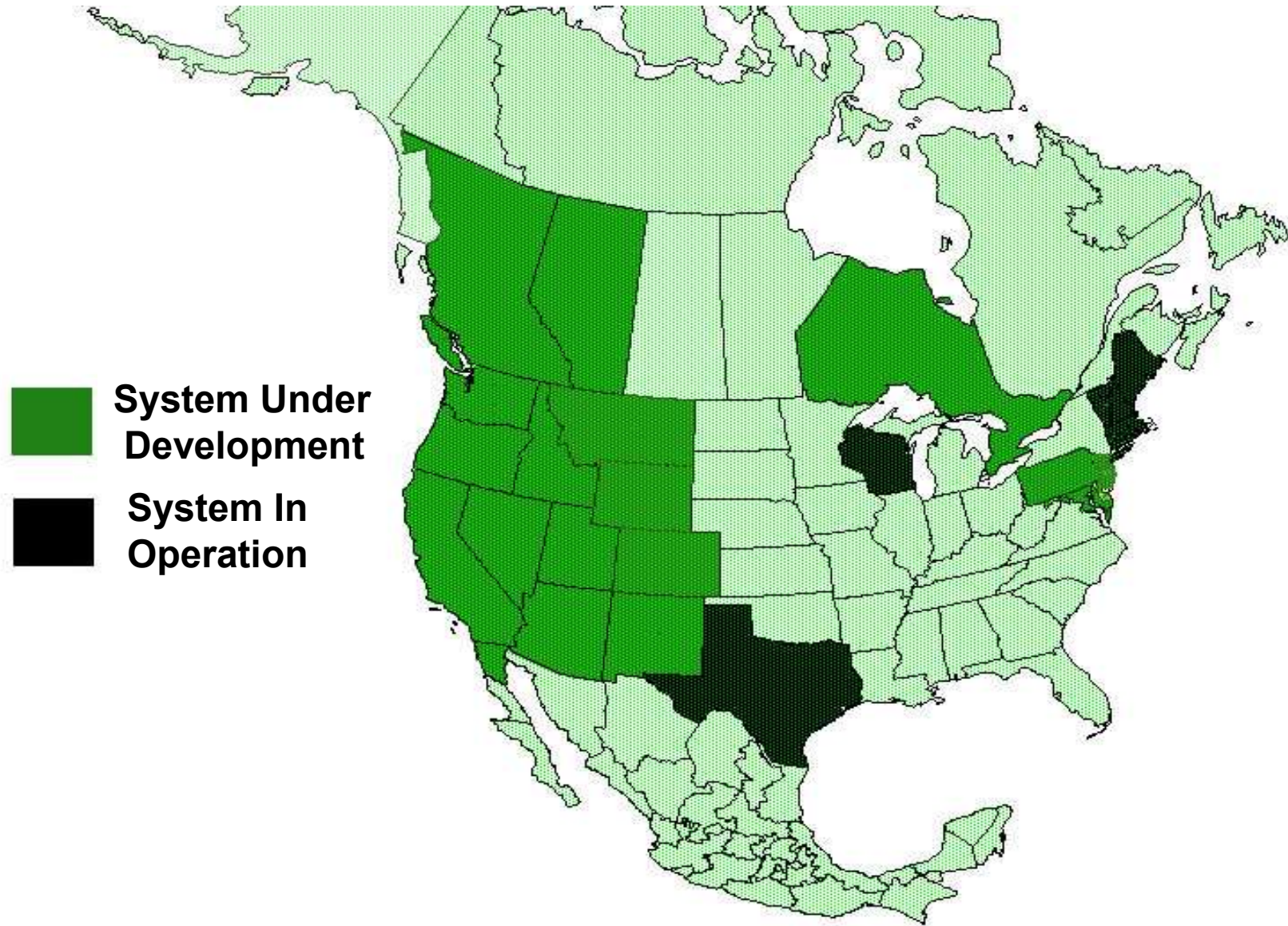
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# WREGIS Geography

## Western Interconnect



# Western Renewable Energy Generation Information System (WREGIS)

- A Western Region Tracking System that includes northern Mexico
- Would like Mexican participation if possible

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# For Additional CRS Information

- **TRC and Green-e Certification:**
  - Gabe Petlin, [gpetlin@resource-solutions.org](mailto:gpetlin@resource-solutions.org)
  - [www.green-e.org/what\\_is/dictionary/trc.html](http://www.green-e.org/what_is/dictionary/trc.html)
- **Green Pricing Accreditation:**
  - Dan Lieberman, [dan@resource-solutions.org](mailto:dan@resource-solutions.org)
- **AAIB, Regulatory Handbook, and National TRC Tracking Initiatives:**
  - Meredith Wingate, [mwingate@resource-solutions.org](mailto:mwingate@resource-solutions.org)
- **Public Renewables Partnership:**
  - Ray Dracker, [rdracker@resource-solutions.org](mailto:rdracker@resource-solutions.org)
  - [www.resource-solutions.org/prp.htm](http://www.resource-solutions.org/prp.htm)
- **WREGIS:**
  - Jan Hamrin, [jhamrin@resource-solutions.org](mailto:jhamrin@resource-solutions.org)

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