Renewables Tagger – a new high quality tool for publishing online content on RE

Renewables Tagger is a new feature based on Climate Tagger

Webinar, September 27th 2016

REEEP®

Renewables Tagger – joint IRENA-REEEP project 2015-2016

▸ To expand the REEEP thesaurus by developing in **great detail the RE section**

▸ To customize Climate Tagger for use in IRENA **RE-Sources web platform** **resourceirena.irena.org/gateway/**

▸ To help **streamline and organize web content** on renewables across websites

▸ To **harmonize language** used in RE technology and policy fields

▸ Create largest **domain-specific taxonomy/glossary**

▸ To **strengthen collaboration** of organizations working in RE and CC

CONSISTENCY IN TERMINOLOGY IS KEY

Based on our experience we know:

- ‣ Experts and practitioners worldwide use different terminology in different languages to describe the same things ➔ connection and understanding is often lost

- ‣ Need to **increase consistency and connections** to see the full picture of clean energy technology and policy

- ‣ **Standardized tagging across regions and languages for online platforms**

- ‣ This is particular important for technical and policy-relevant content such as RE

The open data climate thesaurus

REEEP's climate smart thesaurus:

- is available in 5 languages (en, fr, es, pt, de)

- describes more than 4.000 terms

- covers renewable energy, energy efficiency, and climate compatible development

- based on „PoolParty" by Semantic Web Company

- and offers:

  - Definition and synonyms
  - Links to related, broader and narrower terms
  - Links to and information from other sources like Wikipedia, Climate-tech wiki, …. using LOD
  - All information free for re-use in Linked Open Data formats

Specialized new content
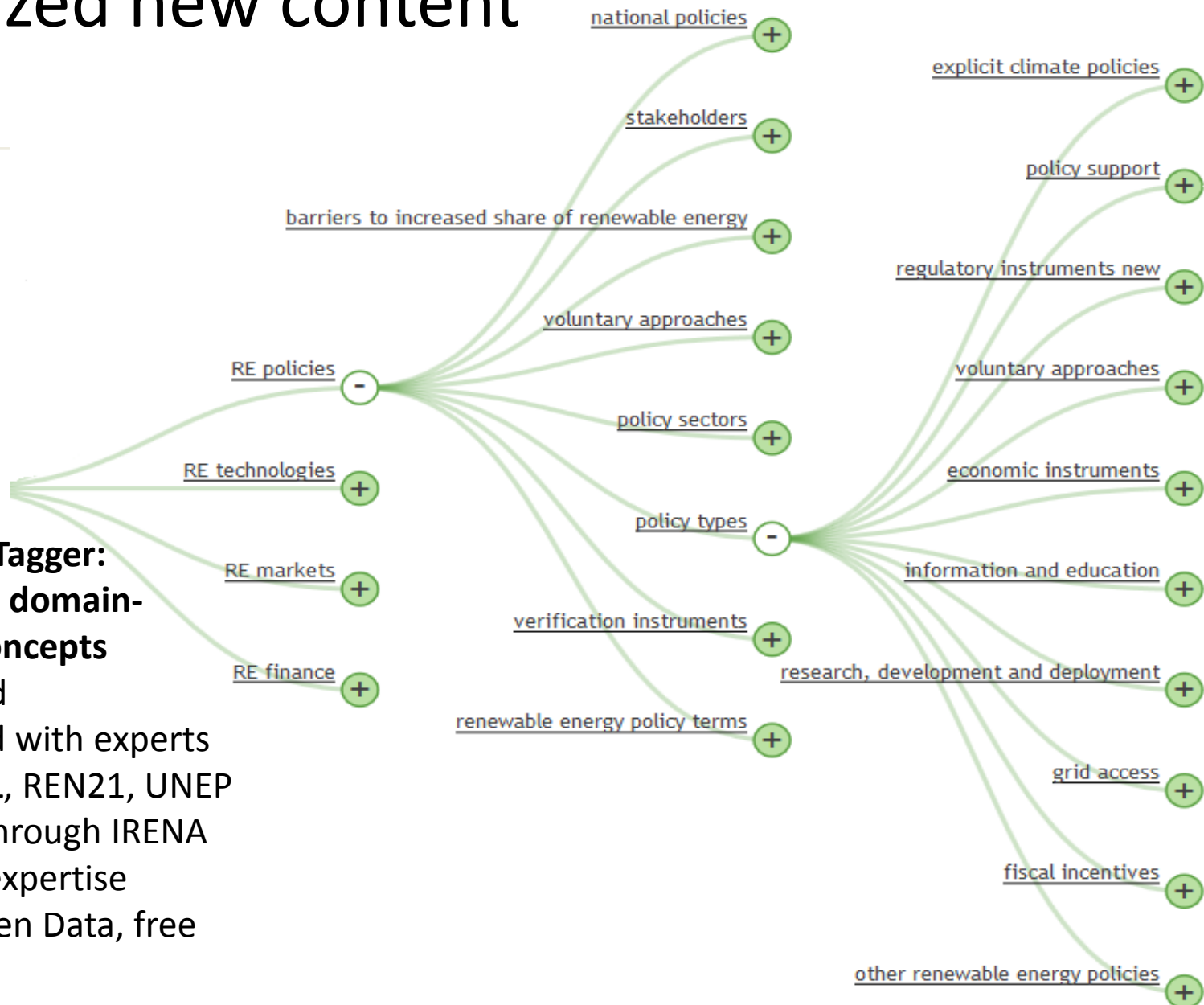
Renewables Tagger:
- Over **2700 domain-specific concepts** recognized
- Developed with experts from NREL, REN21, UNEP
- Revision through IRENA in-house expertise
- Linked Open Data, free for re-use

www.reegle.info/glossary/tree

Renewables Tagger – demo

Document: Energy Policy article (Wikipedia)
https://en.wikipedia.org/wiki/Energy_policy

Text Language

○ English   ○ Spanish   ○ French   ○ Portuguese   ◉ German

Select Topics for Tagging

Renewable Energy (Renewables Tagger)   ▼

Select all (Climate Tagger)
Climate Change Adaptation
Energy Efficiency
Renewable Energy (Renewables Tagger)
Climate Change Mitigation

Renewables Tagger – demo

Results with additional information for returned concept
"*renewable energy*"

°climatetagger

TURNING DATA INTO
KNOWLEDGE

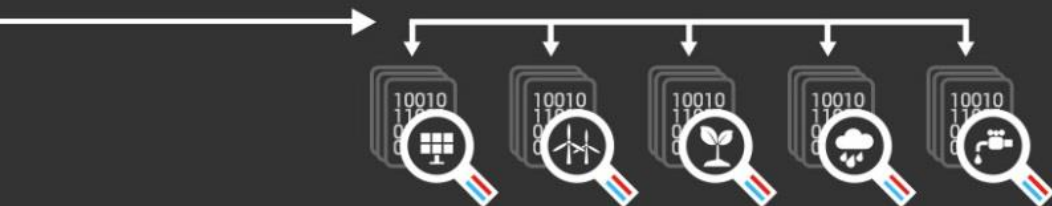CKB CLIMATE
KNOWLEDGE
BROKERS

REEEP
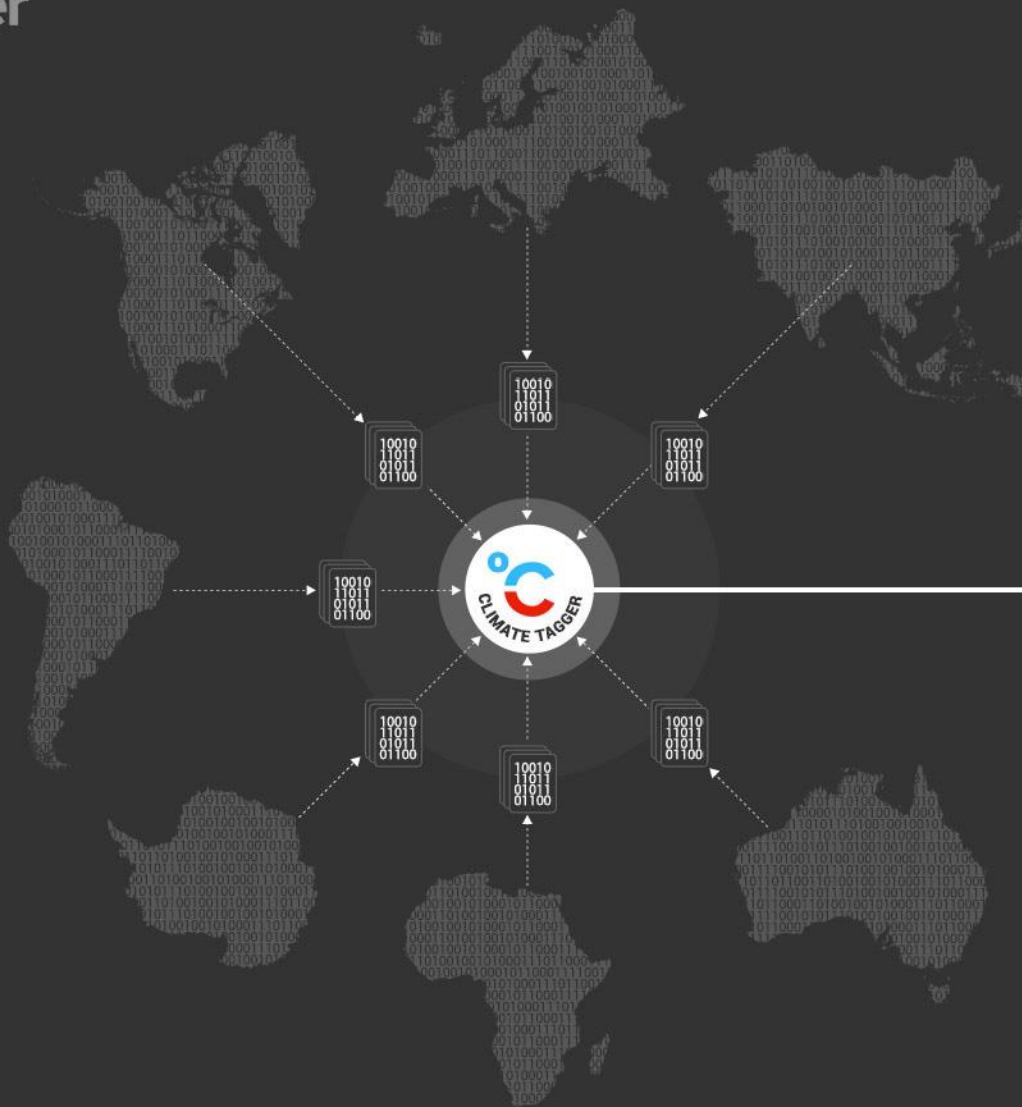
STEP 1:

Climate Tagger is installed on knowledge platforms

°climatetagger

STEP 2:

Climate Tagger scans unstructured information and identifies relevant terms and concepts …

… and "tags" content based on the expansive Climate Tagger Thesaurus

CKB CLIMATE KNOWLEDGE BROKERS

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climatetagger

Added functionality via the enhanced Climate Tagger API
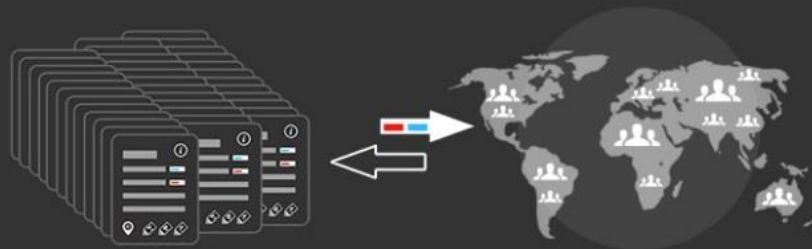
Geo-Tagging

Connecting content to geographic locations

Enriching Content

Automatically adding related information (such as definitions) to content

Content Pool

Connecting data and information related documents from other Climate Tagger users.

Renewables Tagger – next steps

Find out more or install Renewables Tagger

▸ Available as Drupal and Wordpress plugin and for direct integration (API) via renewables.climatetagger.net

▸ Demo available
api.climatetagger.net/demo

▸ Glossary and tree view
www.reegle.info/glossary

▸ Contact: denise.recheis@reeep.org
(Product Manager)

Text Language

◉ English ◯ Spanish ◯ French ◯ Portuguese ◯ German

Select Topics for Tagging

Renewable Energy (Renewables Tagger) ▾

CKB CLIMATE KNOWLEDGE BROKERS

IRENA International Renewable Energy Agency   REEEP

Thank you!