



Work Package 2

Developing a CE knowledge base for the BSR

Co2mmunity kick-off meeting
Kiel

Kiel 16/17 November 2017

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WP outline

WP 2: Developing a CE knowledge base for the BSR

Leader: PP1

A

Ex-ante Identification of CE drivers and barriers (PP16)

Creating and maintaining an online CE data base (P13)

Developing a joint perspective on CE best practises and challenges in BSR (PP6)

Process analysis of establishing RENCOPs and learning from it (PP16)

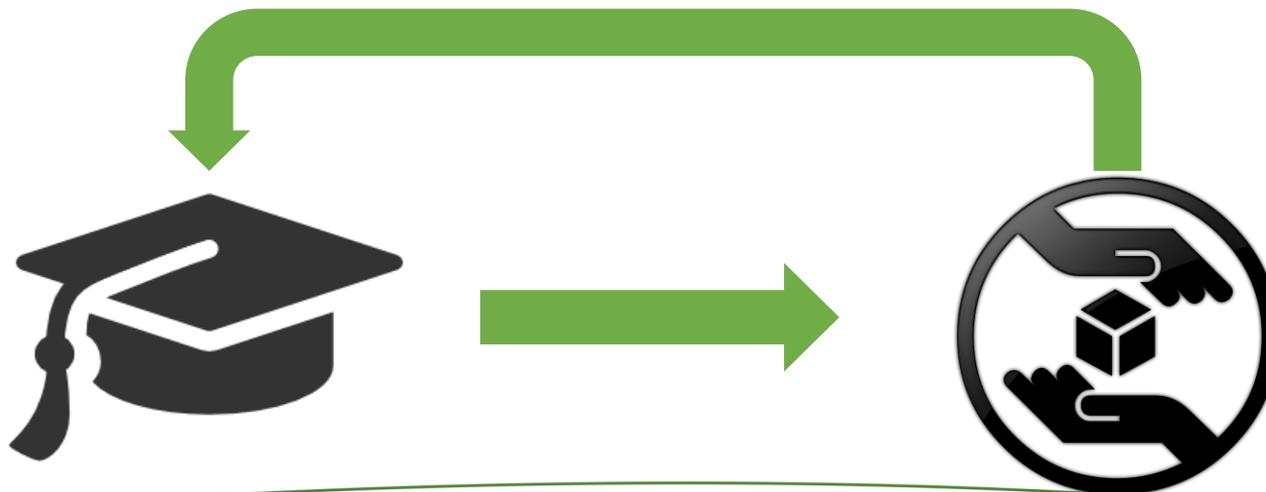
O

Scientific review paper on CE drivers and barriers

Online database of CE projects and initiatives in the BSR (focus on partner regions).

Synthesis report about current situation of CE in BSR including best practice compilation

Scientific articles on lessons from the RENCOPs



WP outline

Timeline

| | | P1 | P2 | P3 | P4 | P5 | P6 |
|--------------------------------------|---------|----------|----|----------|----------|----------|----------|
| WP2 <i>CE knowledge base</i> | GoA 2.1 | [Shaded] | | O2.1 | [Shaded] | | |
| | GoA 2.2 | [Shaded] | | O2.2 | [Shaded] | | |
| | GoA 2.3 | [Shaded] | | O2.3 | [Shaded] | | |
| | GoA 2.4 | [Shaded] | | O2.4 | [Shaded] | | |
| WP3 <i>Facilitate CE</i> | GoA 3.1 | [Shaded] | | O3.1 | [Shaded] | | |
| | GoA 3.2 | [Shaded] | | [Shaded] | | O3.2 | [Shaded] |
| | GoA 3.3 | [Shaded] | | [Shaded] | | O3.3 | [Shaded] |
| | GoA 3.4 | [Shaded] | | [Shaded] | | [Shaded] | |
| WP4 <i>Socio-political agenda</i> | GoA 4.1 | [Shaded] | | [Shaded] | | O4.1 | [Shaded] |
| | GoA 4.2 | [Shaded] | | [Shaded] | | [Shaded] | |
| | GoA 4.3 | [Shaded] | | [Shaded] | | [Shaded] | |

CE drivers & barriers

**CE data base
1st version**

**Best practice
compilation**

**Process analysis:
Establishment
RENCOPs**

**Comprehensive
CE data base**

**Process analysis:
RENCOP**



GoA 2.1 – ex-ante identification of CE drivers and barriers



Literature reviews started;

- CE in academic journals (definitions of community energy, key findings, methodology, theories/concepts, future research needs)
- Local resistance to RE

Goal: Present preliminary version at project meeting 1 in Kaunas, revise and subsequently submit

GoA 2.2 – online CE database



1st template for data collection distributed

All partners will be involved in the collection of data following the template

1st version online mid 2018

Database will be updated continuously

GoA 2.3 – Synthesis report on CE including best practices



Template for data collection in development

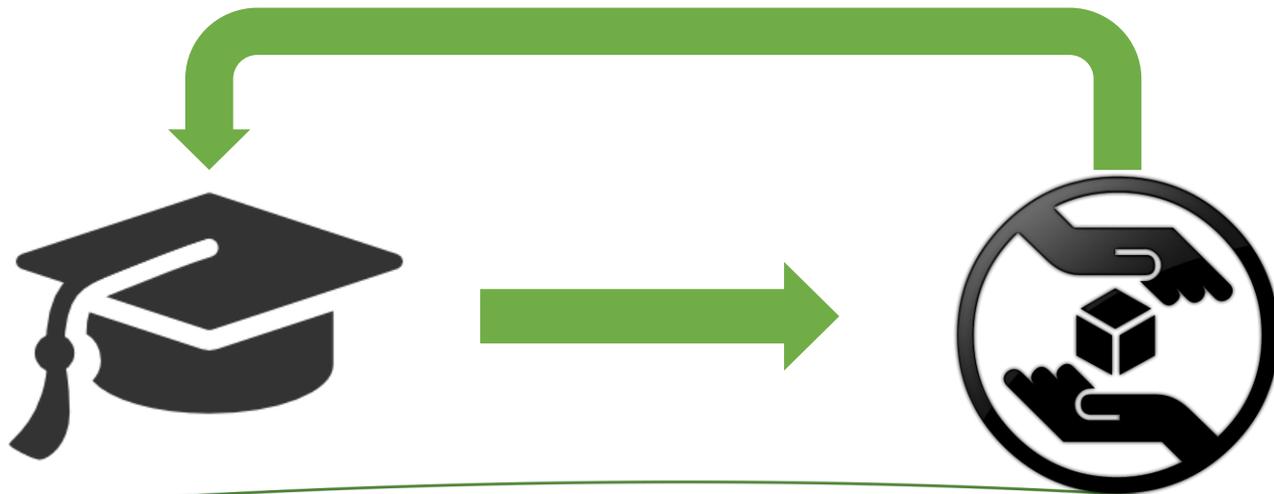
Identification of best practice case studies with all PP

Case studies to be conducted mainly by WP2 PPs

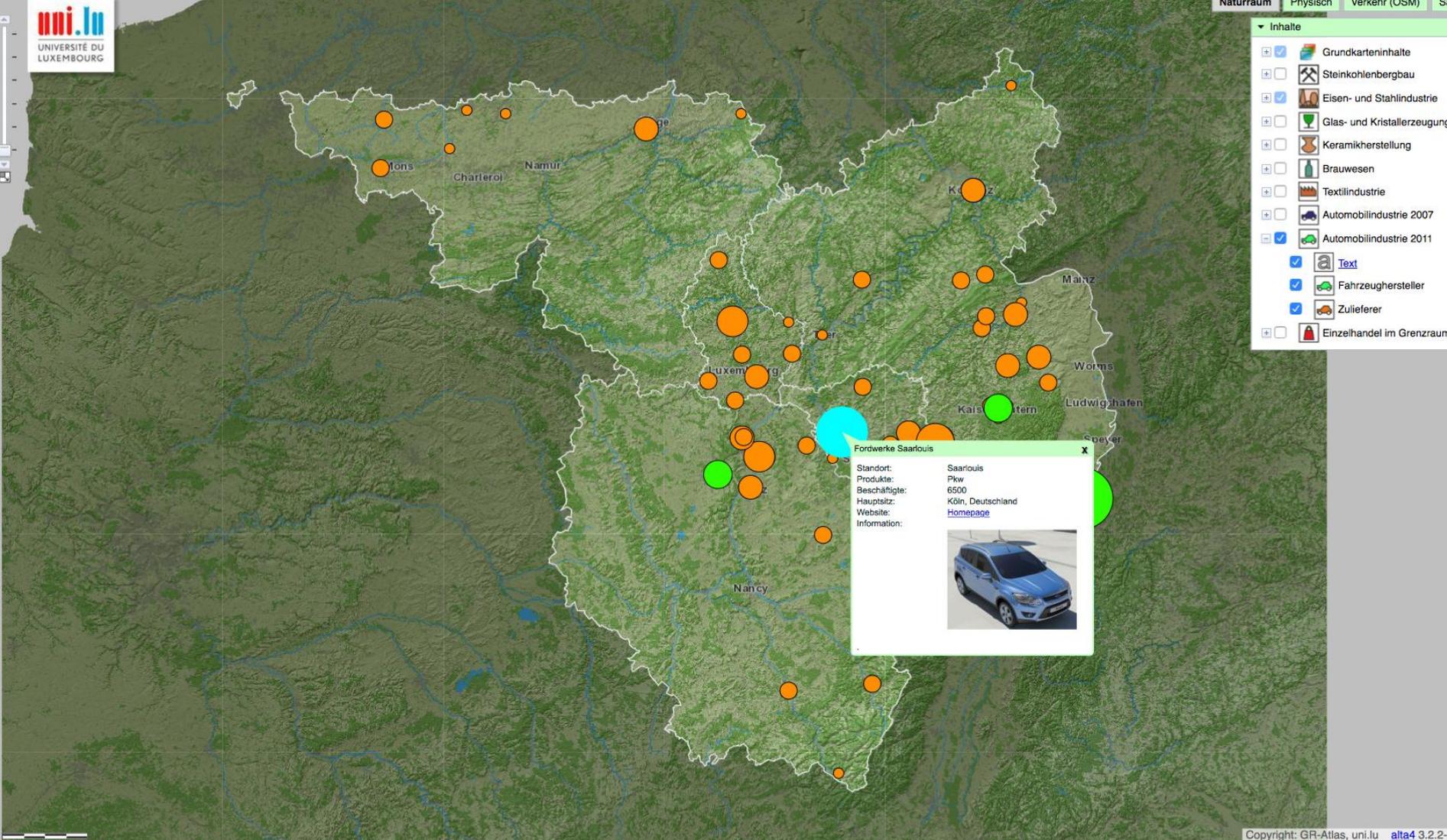
Report in early 2019

Let's co-develop the templates!

- 1) Data collection for CE database
 - 2) Collection of case studies for best practices
- so that they are useful for WP3 (RENCOPs) and WP4 (policy).
What should be included in the CE database?



- Inhalte**
- Grundkarteninhalte
 - Steinkohlenbergbau
 - Eisen- und Stahlindustrie
 - Glas- und Kristallerzeugung
 - Keramikerstellung
 - Brauwesen
 - Textilindustrie
 - Automobilindustrie 2007
 - Automobilindustrie 2011
 - [Text](#)
 - Fahrzeughersteller
 - Zulieferer
 - Einzelhandel im Grenzraum



CE database

What should be included?

- 1) Title of the project
 - ... fully financed and owned by a community
 - ... owned by a community, financial support for investments
 - ... participation through buying shares of an established project
 - ...other
- 2) Type of activity (drop-down list)
 - ... finished and operating project
 - ... project under development
 - ... initiative
- 3) Location (country, city, village, etc.)
- 4) Type of project (drop-down list):
 - ... Renewable electricity installation
 - ... renewable heat source installation (heat pump, solar collectors, biomass boiler, etc.)
 - ... energy efficiency or energy saving (renovation of buildings, central heating system, etc.)
 - ... smart technology piloting
 - ... other (collective purchase of heating oil, collective switching of electricity or gas suppliers, etc.)
- 5) Technologies
 - ...
- 6) Ownership model (drop-down list):
 - 7) Type of benefits (drop-down list):
 - ... direct income from selling energy
 - ... energy and cost savings
 - ... other
 - 8) List of stakeholders
 - 9) Description or website link, contact information
 - 10)

Let's co-develop the templates

- What should the best practice case studies describe in further detail?

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