



Status Quo of the DBU project *Rural Energy Communities^{LV}*

Michael Krug, Heinrich Böll Foundation Schleswig-Holstein

Ilvija Ašmane, Latvian Rural Forum

Virtual Policy Dialogue, 02 April 2025

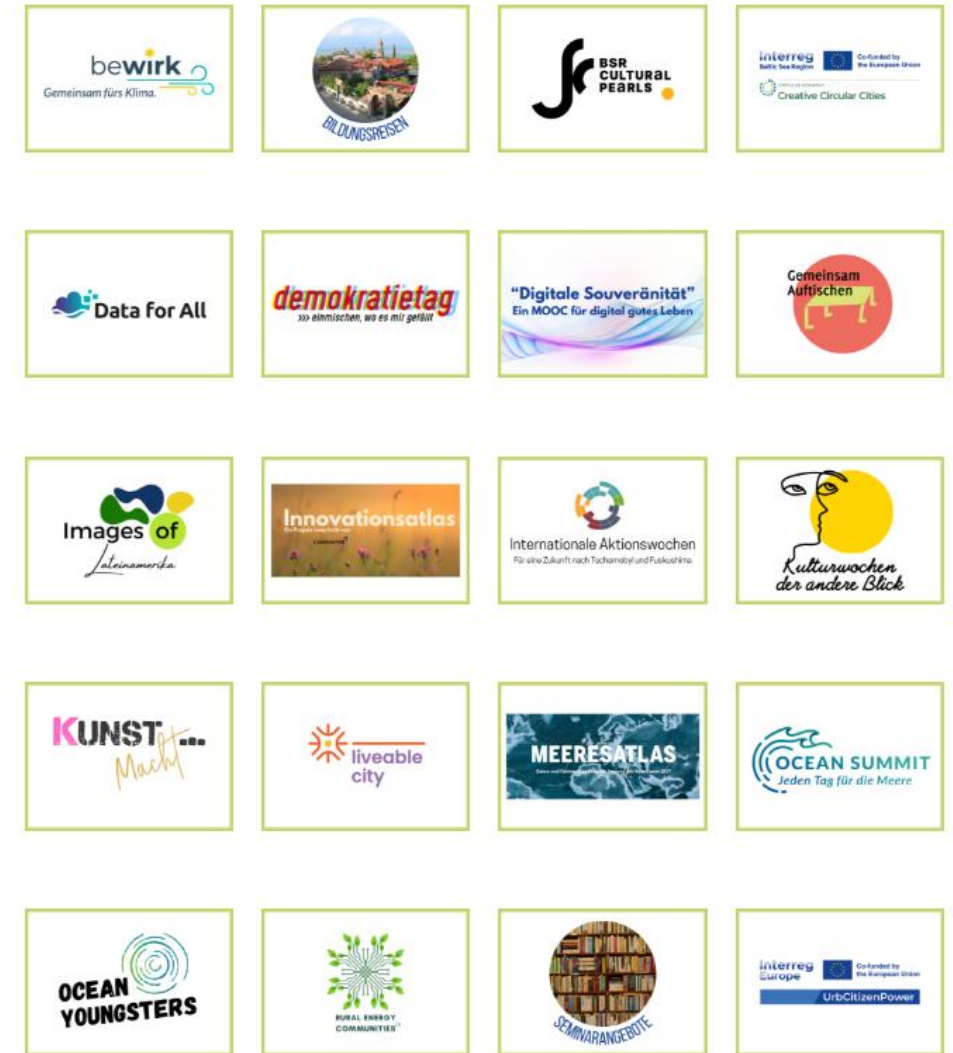
Key project data

- Funding: German Federal Environmental Foundation (DBU)
- Thematic project cluster „Citizen Energy in Central and Eastern Europe“
- Project lifetime: January 2024 to September 2025
- Project partner: HBS SH (Coordination), Latvian Rural Forum
- Overall budget: 178,016 EUR (DBU funding: 70%)

- **Think Tank** for green visions and projects
- **Close ties to the German Green Party**
- **Primary task:** political education in Germany and abroad
- Work is guided by the values of **ecology, democracy, solidarity** and **nonviolence**.
- Representations **in all 16 federal states of Germany**
- **Offices in 31 countries**



Heinrich Böll (1917-1985)
Nobel Price for Literature 1972
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LATVIAN RURAL FORUM



To promote balanced development of Latvian rural territories in order to create it as a place where contented people live, able to meet their economical and social needs in the place of their residence.

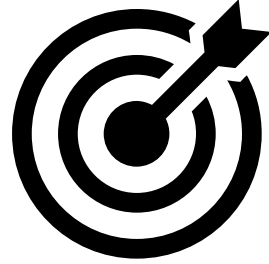


- 20 years of experience
- experts and enthusiasts to reach common goals regarding Latvian rural development
- collaboration with local, national authorities, and non-governmental organizations
- roof organization in national level for Local Action Groups

MAIN ACTIVITIES

- ☐ to promote sustainable development of Latvian rural territories
- ☐ to support professional implementation and monitoring of the LEADER program
- ☐ to strengthen civil society in rural territories, promoting local initiatives and cooperation

Overall Objective



- To enhance the development of renewable energy communities, particularly in rural regions of Latvia

The project addresses different levels



WP 2
Macro level

Policy dialogue



WP 3
Meso level

Capacity Development in
the Latvian Planning
Regions



WP 4
Micro level

Rural Pilot Energy
Community in Latvia

Activities implemented so far (I)



- 2 Policy Factsheets
- Virtual Policy Dialogue (June 2024, March 2025)
- Study Visit of Latvian expert group to SH (8-11 Oct 2024)
- Detailed compilation of Good Practices (en)



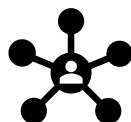


Study Visit 8-11 October 2024

Wiemersdorf, Sprakebüll, Klixbüll, Hürup, Norderstedt, Kiel

Activities implemented in Latvia (II)

- Good practice/guidance
- Awareness raising
- Networking
- Training
- Mentoring



Kopienas vēja parks

Vimersdorfā, Vācija
1600 iedzīvotāji

Vispārīga informācija

Vimersdorfā ir ciems starp Hamburgu un Kili, un tajā dzīvo 1600 iedzīvotāji. Kopienas vēja parks tika izveidots 1997. gadā, kas ir 12 lauksaimnieku, kurus mudināja Lauksaimniecības kameras eksperts. Pirmās strādājošās uzņēmums tika dibināts 1997. gadā. Līdz 1997. līdz 2023. gadam vēja parks piedzīvoja vairākas paplašināšanas fāzes, un šobrīd to veido 188 partneri.

Finansēšanas avoti

Finansējums kopienas parāda parasti tiek nodrošināts ar 20% parāta kvotām no NRE.

Uzņēmējdarbības modelis

Pirmās strādājošās uzņēmums

Kolektīvā elektroenerģijas pašapgāde

Kiles ekoloģiskajā mikrorajonā
Alte Gärtnerei, Vācija

Vispārīga informācija

Ekoloģiskais dzīvojamais rajons Alte Gärtnerei atrodas Kiles dienvidos un ir cits fads rajona pilsētā. Tas sastāv no koka ēkām, lokālās siltumapgādes ar granulu katlu un saules siltumenerģijas saules paneļiem, minimāla augšanas blīvuma un zaļajām fasādēm.

Galvenās darbības

Ar enerģētiku saistītas darbības veic saules paneļu izveidi, darbu un elektroenerģijas koplietošanu starp māju biedrības locekļiem. Siltumenerģijas ražošanas pamatā ir lokālais enerģijas un saules kolektori.

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Kopienas vēja un saules enerģija

Sprakebult ciematā, Vācija
260 iedzīvotāji

Vispārīga informācija

Sprakebult ciematā pie Vācijas-Dienas robežas, ir veidojams kopienas enerģētiskais pilsētā. Kopš 1998. gada vietējās iedzīvotāju un lauksaimnieku izveidoja vēja parku ar 6 turbinām (1,65 MW katrā) un siltumenerģijas 15 megavatu siltumenerģijas.

Galvenās darbības

Dienvidenerģijas ražošana no vēja un saules enerģijas elektroenerģijas un siltuma ražošanai no biomasas, siltumapgāde, vietējās siltumapgādes.

Legumi

Pasākumus saņem tautaslietu no uzņēmējdarbības nodokļa un ieguvis tos līdzekļus enerģētiskās atbalsta. Viena un saules paneļu tīklu tīklu finansē kopienas projekta, tostarp pabeidza tīkla paplašināšanu, uzturēšanu, drošību, velosistēmas, biomasas mērķus, tīklu un elektroenerģijas tīklošanas sistēmu.

Finansējums

Sprakebult pilsētas pārvalde, kā vietējās atbalsta iestādes enerģijas ražošanas veicina ekonomisko attīstību, inovācijas un enerģētiskās atbalsta, vienlaikus palīdzot novērst lauku depopulāciju.

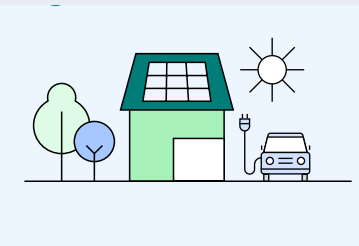
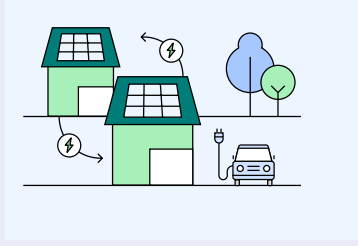
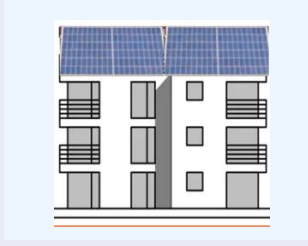
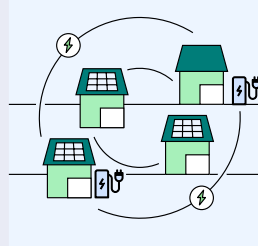
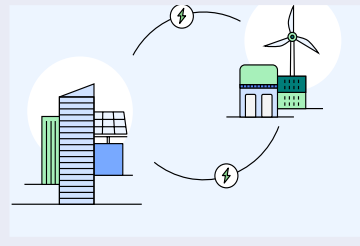


Today's Topic: Energy Sharing



- **Members of renewable energy communities and electricity energy communities** are allowed to use jointly generated electricity by utilizing the distribution grid.
- The revised Electricity Market Directive extended this right to share energy to **other types of active consumers**.
- Citizens may share self-generated electricity with their neighbours, families, communities etc. on a contractual basis.

Different concepts

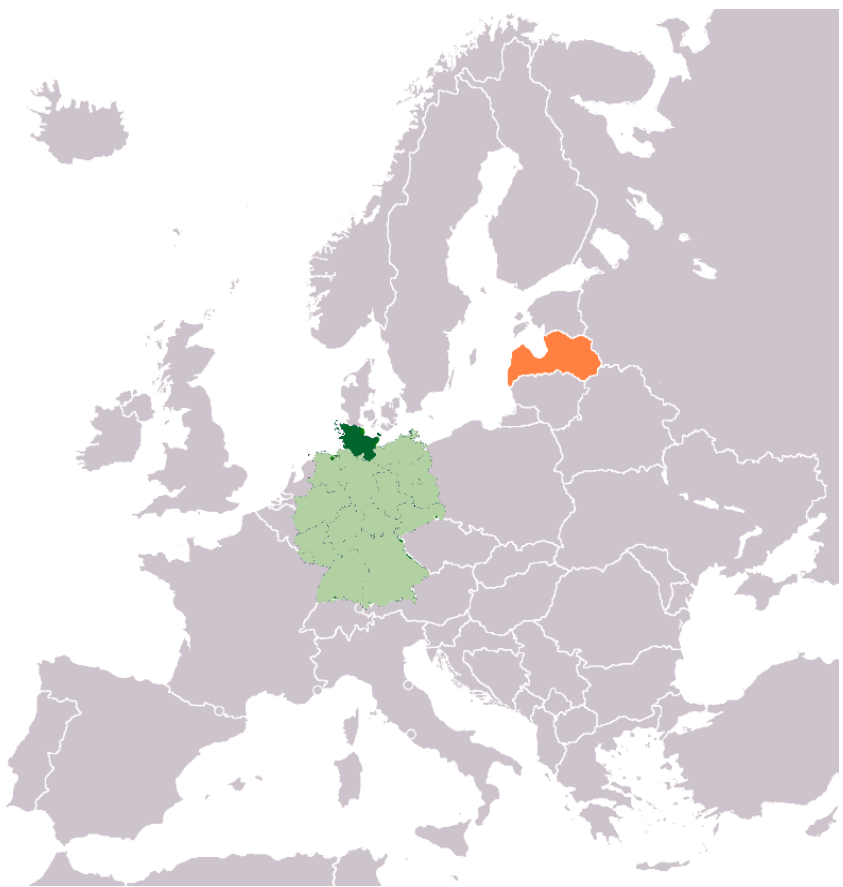
<i>Renewables self-consumer</i>	<i>Peer-to-peer trading of renewable energy</i>	<i>Jointly acting renewables self-consumers</i>	<i>Renewable Energy Communities (REC)</i>	<i>Citizen Energy Communities (CEC)</i>
RED II, Art.2, No.14	RED II, Art. 2, No.18	RED II, Art. 2, No. 15	RED II, Art. 2, No. 16	EMD, Art. 2 No. 11
				





THANK YOU!

PALDIES!

DANKE!



	Schleswig-Holstein	Latvia
		
Area	15,763 km ²	64,589 km ²
Population (2019)	2.90 mln.	1.92 mln.
Population density	187 persons/km ²	29 persons/km ²
GDP/capita (2022)	38,274 EUR	26,097 EUR
Gross household savings rate (2022)	19.9%	3.9%
Gross household investment rate (2022)	11%	3.5 %
Unemployment rate (Dec 2023)	5,6 %	6.6 %
RES share in final energy consumption	30.5% (2021)	44.6% (2022)

Questions for the Discussion



- Where do you see **strengths** and **weaknesses** of the current legislation/draft legislation in your countries?
- What can **Schleswig-Holstein/Germany** learn from **Latvia** and **vice versa**?



Next steps and Outlook

Michael Krug, Heinrich Böll Foundation Schleswig-Holstein

Ilvija Ašmane, Latvian Rural Forum

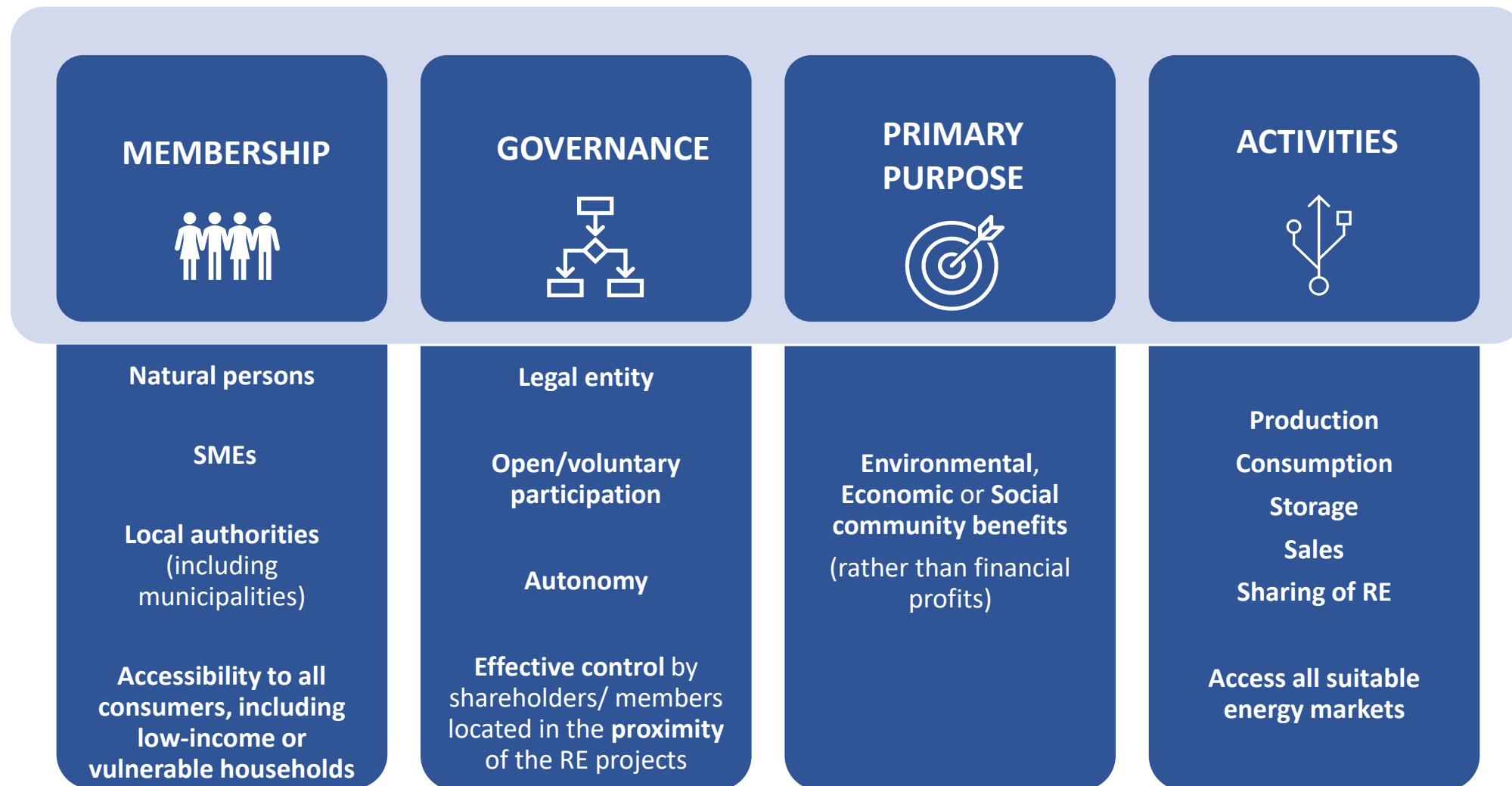
Virtual Policy Dialogue, 02 April 2025

Next steps (until September 2025)

- Synopsis of regulatory framework for energy sharing
- Workshop with key market actors in Latvia (energy utility companies, DSO, developers etc.)
- Complementary Capacity Development Activities in Latvia (e.g., for Planning Regions)
- Work with Latvian pilot communities (e.g., pre-feasibility studies)
- Parliament of Latvian Rural Communities 11-13 June 2025
- German Expert Visit to Latvia 11/12 June 2025
- Final project events in Latvia/Germany (September 2025)



Renewable Energy Community



Key Obligations of Member States

BARRIERS & POTENTIALS



Assessment of
barriers and potential
of development

ENABLING FRAMEWORK



Removal of unjustified regulatory & administrative barriers

Fair, proportionate & transparent procedures

Cooperation with DSO

Cost-reflective network charges

Transparent cost-benefit analysis

Access to finance and information

Regulatory and capacity-building support

SUPPORT SCHEMES



Take into account
specificities of RECs
when designing
support schemes

Citizen energy company (§3,15 EEG)

- Co-operative or other company
- At least 50 natural persons as members/shareholders with voting rights
- At least 75 percent of the voting rights are held by natural persons who live in a postcode area that is wholly or partly within a 50 km perimeter of the planned plant
- Voting rights: natural persons, SMEs or local authorities
- No member or shareholder holds more than 10 per cent of the voting rights in the company