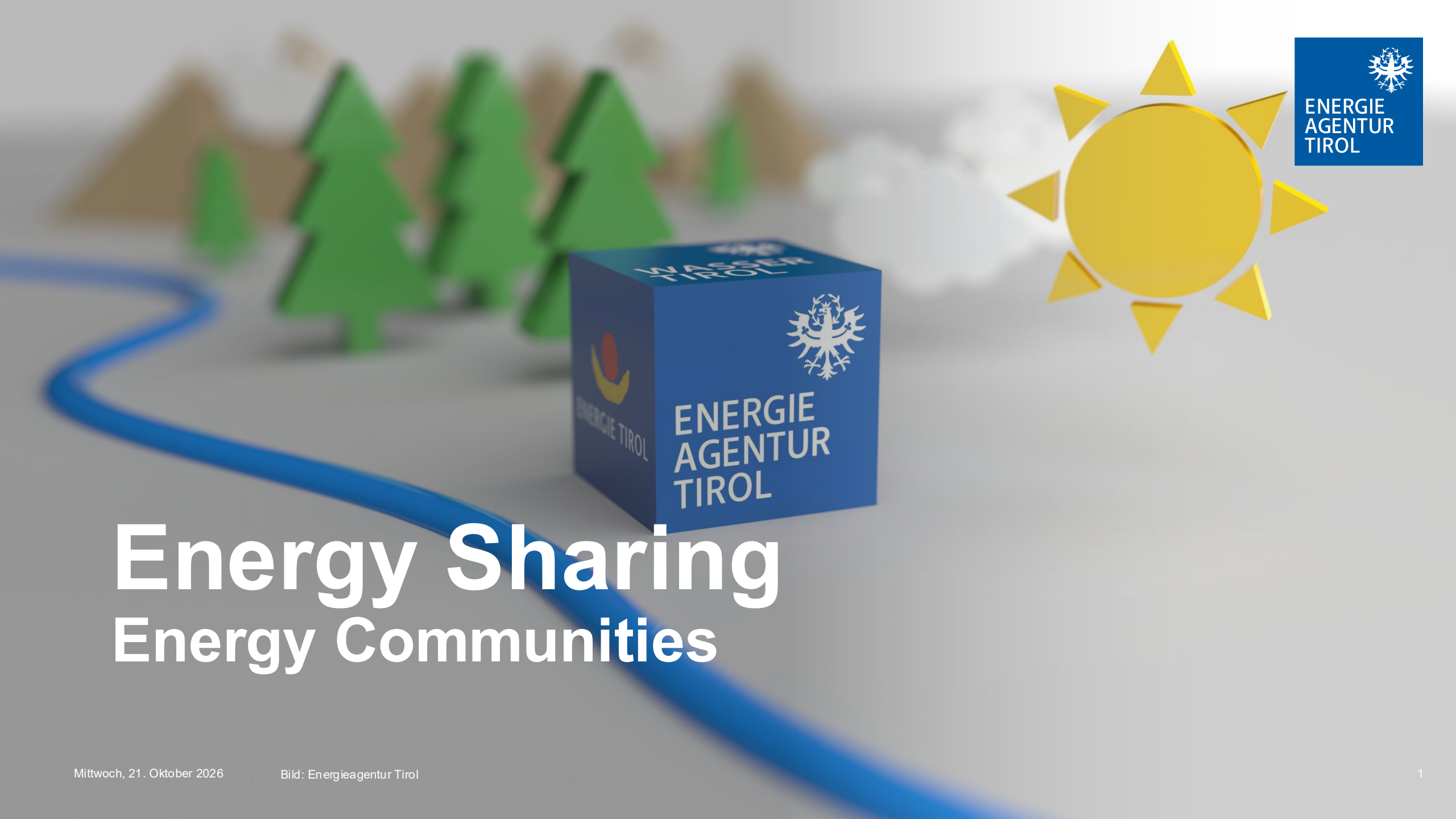


Energy Sharing
Energy Communities

Bild: Energieagentur Tirol



ÖSTERREICHISCHE KOORDINATIONSSTELLE FÜR ENERGIEGEMEINSCHAFTEN



Consultation and information

- coordination office in every state and on a federal level
- Free legal documents
- Brochures
- guidelines

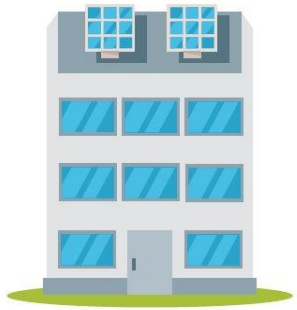
Bild 1: Energieagentur Tirol Bild 2: www.nasha.at

What is a energy community?

An energy community is an association of at least two participants for the joint production and consumtion of energy.

Types of energy sharing communities

Joint Generation Plant



Renewable Energy Community



Citizens Energy Community



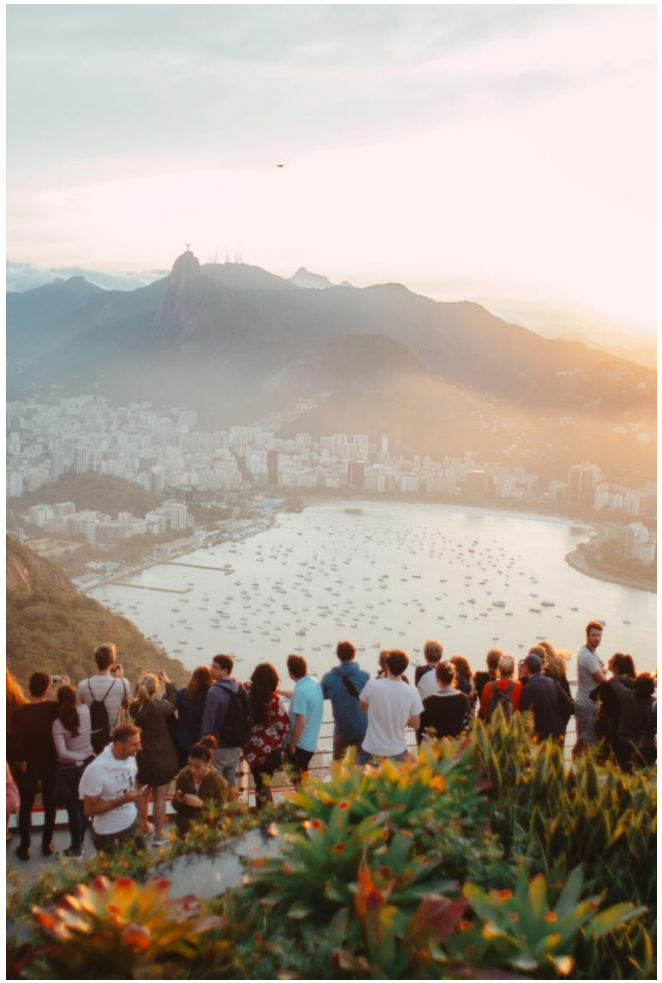
Peer-to-Peer



Self Supply Plant



Bild: Green Tech Radar / Green Tech Cluster



Economically benefits

- The energy price is set by the community
- Price stability – detached from energy market
- Reduction in grid tariffs – depending on type of community

Social benefits

- Creating a new awareness: “Where does my electricity come from, and how and when is it produced?”
- Everyone can be an active part within the energy transition process
- Acceptance for other energy projects
- Sharing-Initiatives tackling energy poverty

How does a energy community work?

Energy community

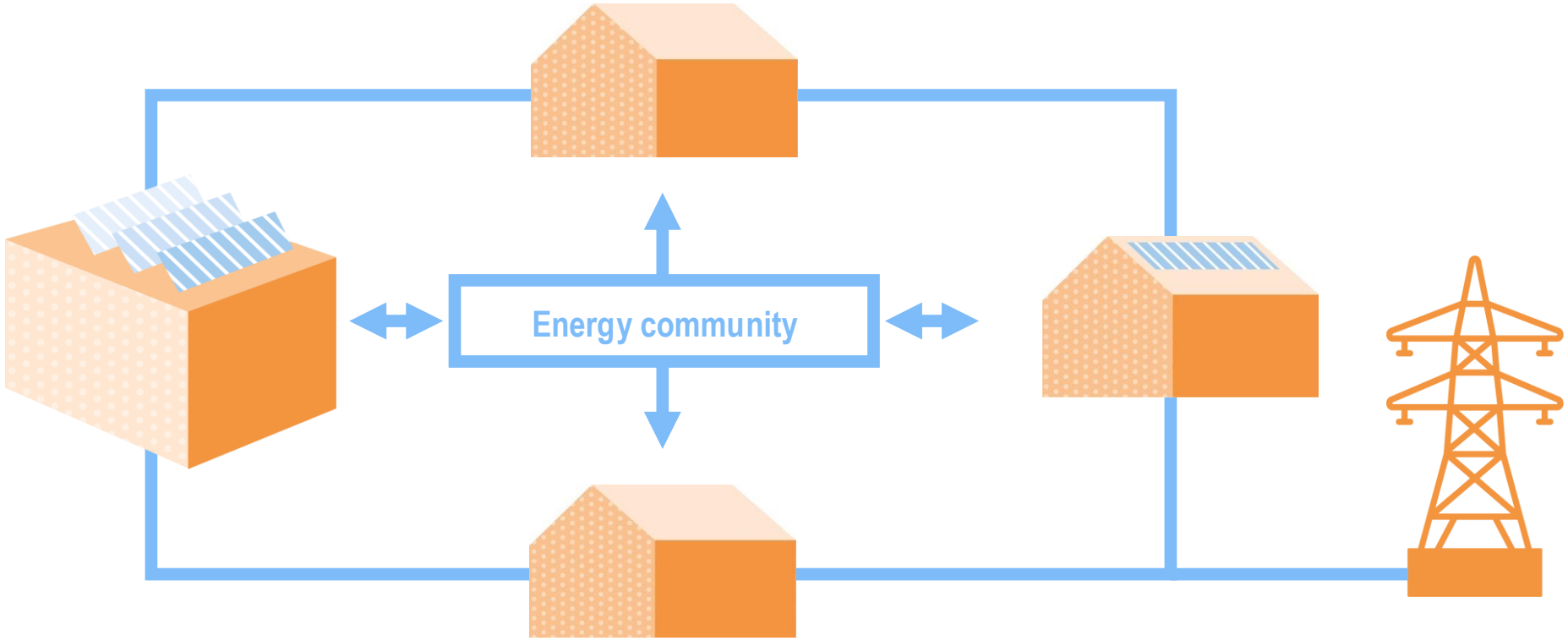


Bild: Energieagentur Tirol





Smart meter and grid operator

> Electronic electricity meter
> Records 15 minutes data
> Allocation of energy quantities and offsetting of metering points
> Billing based on reduced grid tariffs

Bild 1: TiNetz-Tiroler Netze GmbH Bild; 2: APG-Austrian Power Grid



Why is Austria a pioneer in energy communities?

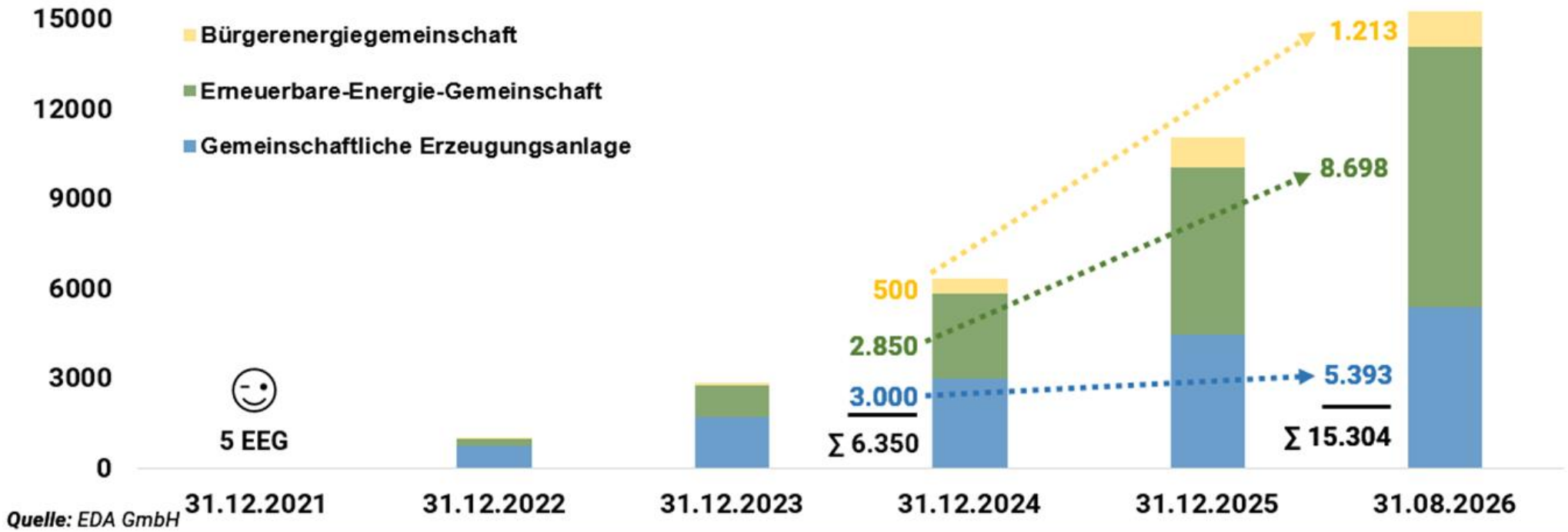
> Well-designed legal framework (EAG and ElWOG 2021)
> No ownership of generating plants necessary
> Completed smart meter rollout (since the end of 2024)
> Implementation of necessary market processes (grid operators)
> Growing public interest, driven by market developments and media coverage
> A step towards independent energy supply and part of the energy transition
> The complexity of the system is handled by the grid operators -> high usability

Bild: Max Böttinger/unsplash

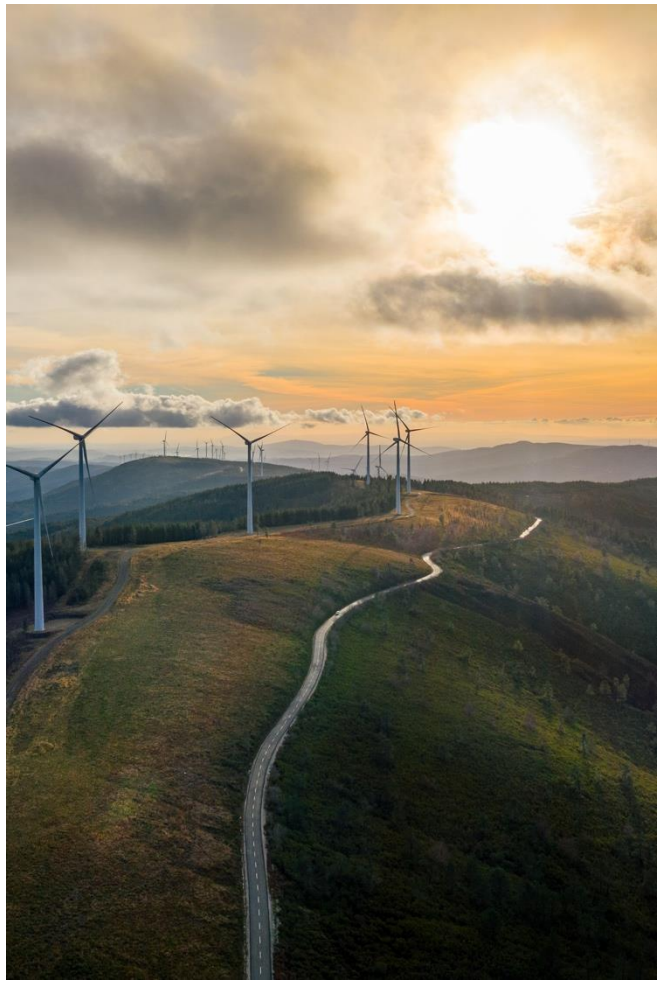
Number of energy communities in Austria

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Energiegemeinschaften österreichweit



Quelle: EDA GmbH





Energy communites 2.0

- Technical aspect
- Generation mix
- Social component
- Raising awareness within the community
- Load profiles

Bild 1: unsplash/Mika Baumeister; Bild 2: Max Böttinger/unsplash



Thank you for your attention

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