

Which steps for a municipality to launch a solar heating project?

Roger Hackstock
Managing Director
Association Austria Solar

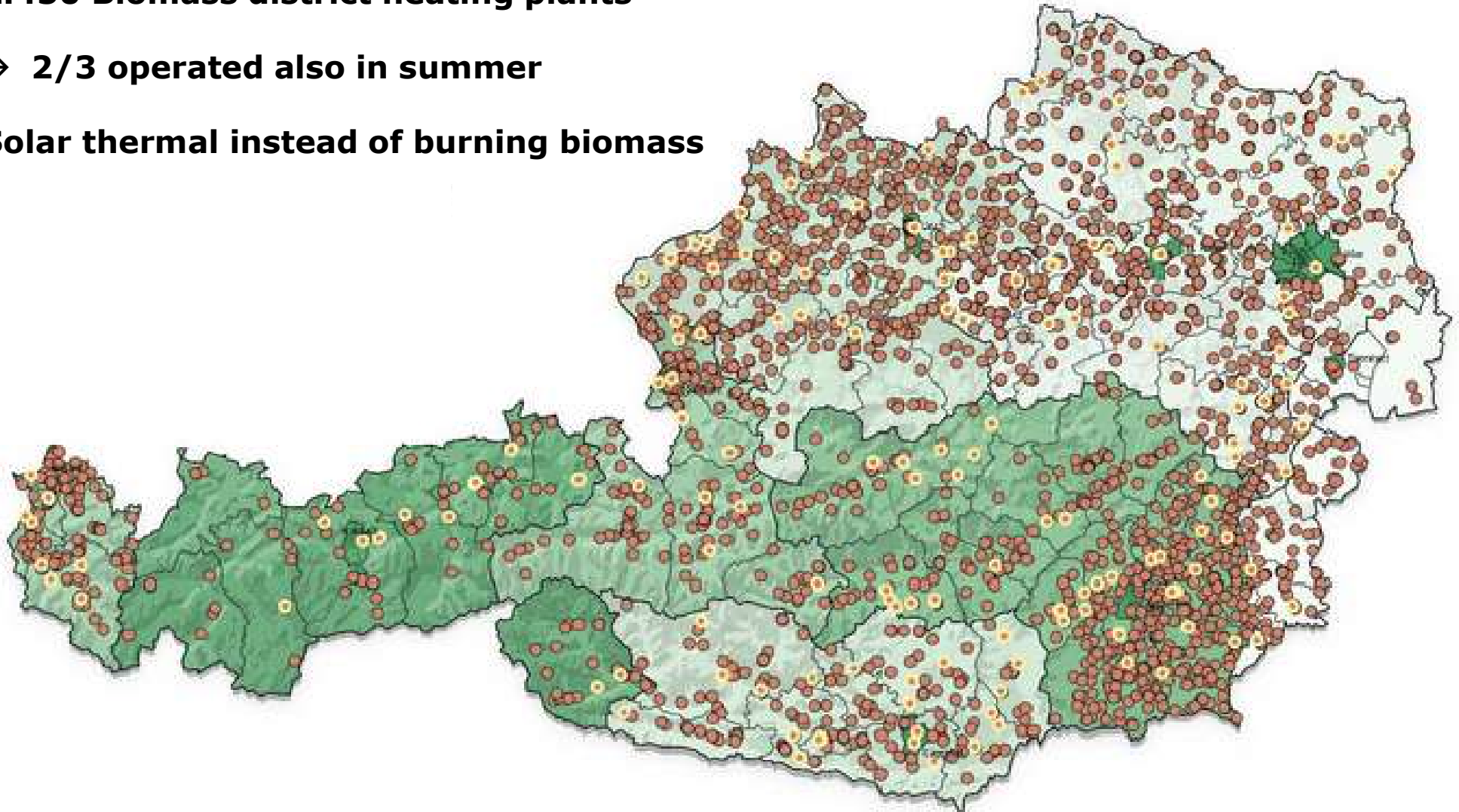


Large potential in municipalities

2.450 Biomass district heating plants

→ **2/3 operated also in summer**

Solar thermal instead of burning biomass



Example: Medieval town of Friesach

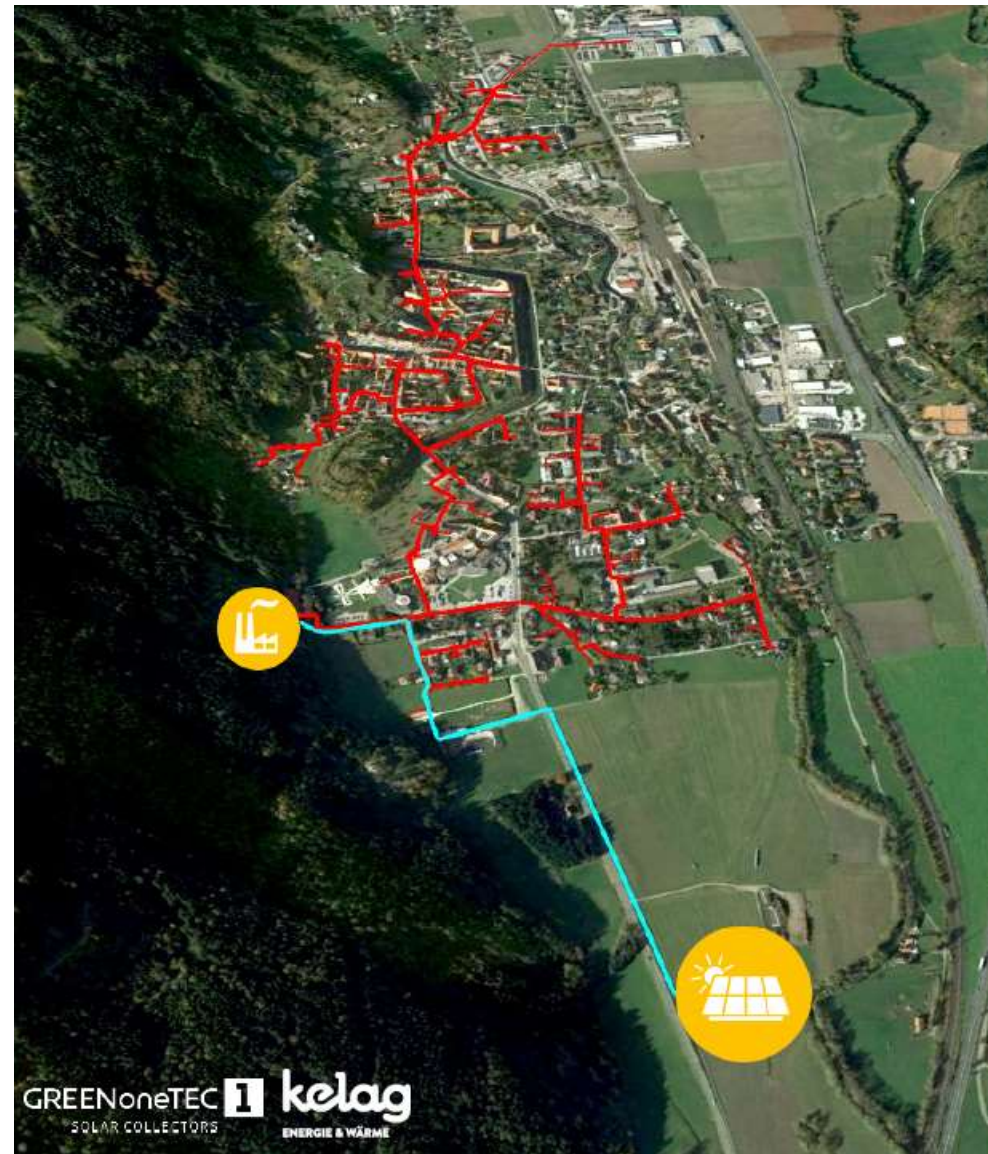


Large solar thermal in Friesach

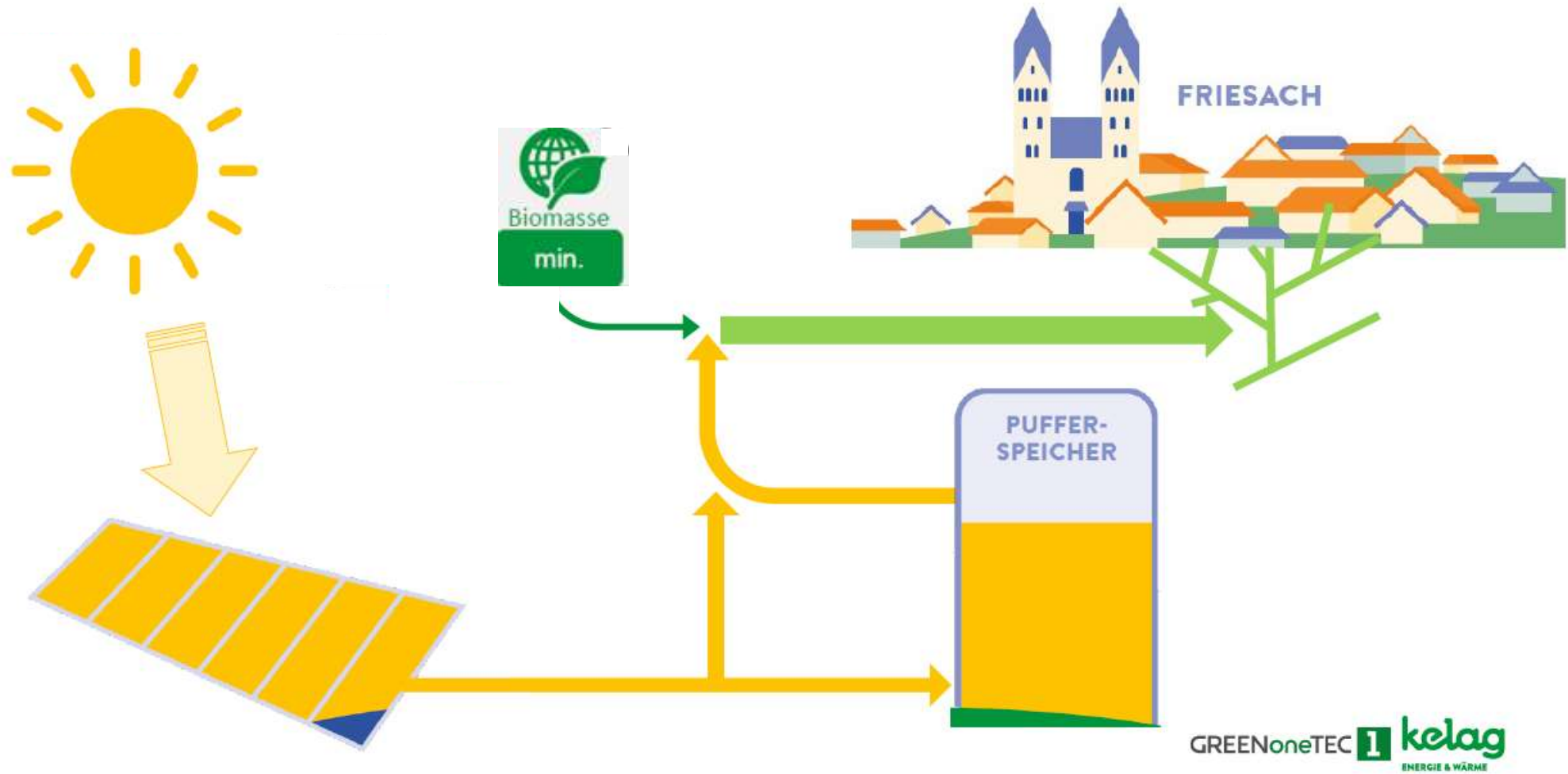


Solar heat in the municipal network

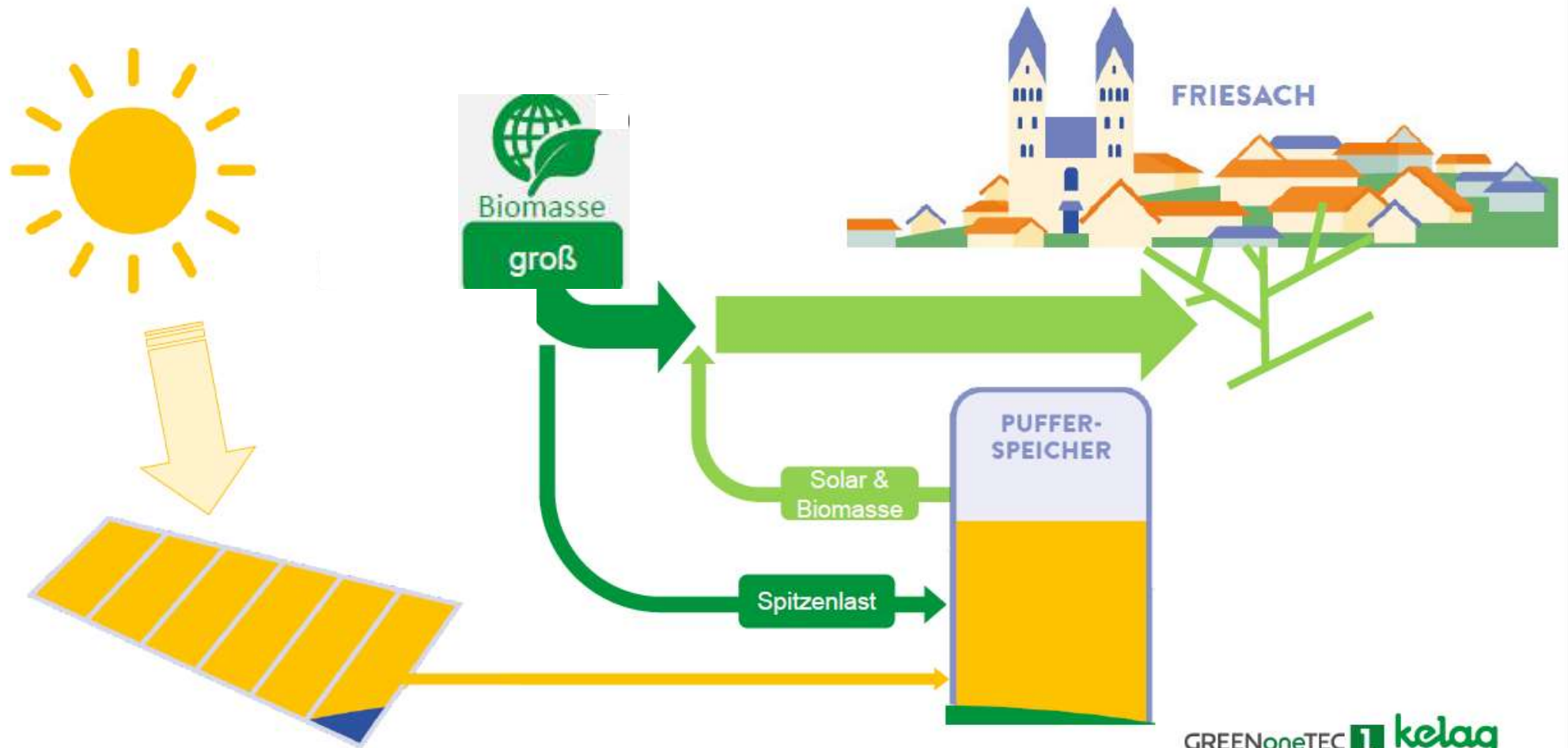
- **4,900 inhabitants**
- **approx. 500 households**
- **Net length 10 km**
- **2 biomass boilers (4 MW + 1.5 MW)**
- **commissioning 1995**
- **solar modernization 2019**
- **5,750 m² collector area**
- **1,000 m³ buffer storage**



Operation in summer



Operation in winter



- Increasing energy efficiency through integrated, holistic and innovative energy concept
- Expansion of renewable energy as a contribution to the heat and energy transition
- regional, domestic added value
- strategic cooperation and partnerships with local companies
- Doing instead of just talking and learning from it



- Subsidies for solar thermal energy at federal and state level
- Land availability (availability, location, size, dedication, price)
- Type of energy source to be substituted
- Need for relevant summer load
- Suitable network and system temperatures
- Strong partnerships and keep at it stubbornly



- After contacting project developers, quickly consult the responsible politician for the zoning
- Obtain support from environmental NGOs
- Personally promote as mayor the project to the responsible state offices
- Describe the story of the project, e.g. Friesach: connection of historical heritage with modern energy supply
- Communicate the benefits of the project locally, at events, in the local council, etc.
- Play with open cards



Josef Kronlechner
Mayor of Friesach

(oldest town in carinthia with
a medieval town centre)

Thanks for your attention

