Pilot Region ökoEnergieland

Implementation of a local biogas grid - optimize use of biogas for mobile and stationary purposes

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Before AlpStore: Our Challenges

- Region with low economy and low developed infrastructure
- Substitution of heating oil
- No gas grid in the region
During AlpStore: Our Activities
After AlpStore: Our Recommendations

1. Environmentally friendly supply system
2. Social benefits
3. Economic effects

Diagram:
- Biogas Plant → Gas Storage → Upgrading Plant (CH-4) → Dehydrating & Desulphurization → Biogas Grid
- Gasengine
- Heat
- Electricity
- Container
- Natural Gas Grid
- Filling Stations
After AlpStore: Our Achievements

- Analysing of frame conditions
- Technical investigation
- Calculation of profitability
- Development of biogas heaters
- Biogas stations