RES:

- ☐ Solar thermal
- ☐ PV
- ☐ Biogas
- ☐ Heat pumps
- ☐ Biomass
- ☐ Absorption chiller
- ☐ Wind
- ☐

Changes in the production and energy supply:

- ☐ Process optimisation
- ☐ Process intensification
- ☐ Heat integration
- ☐ Storage
- ☒ Energy efficiency
- ☐ solar integration
- ☐ Biobased products
- ☐ Emerging technologies
- ☐ Cleaner production
- ☐

Unit operations:

- ☐ Cleaning
- ☐ Drying
- ☐ Evaporation and distillation
- ☐ Blanching
- ☐ Pasteurization
- ☐ Sterilization
- ☐ Cooking
- ☐ Other process heating
- ☐ General process heating
- ☐ Heating of production halls
- ☒ Cooling of production halls
- ☐ Cooling processes
- ☐ Melting
- ☐ Extraction
- ☐ Bleaching
- ☐

Project name: Berglandmilch eGen – Wels

Project description:
Bergland milk is the largest Austrian dairy with approximately 1,500 employees at 13 locations.Bergland milk is exclusively owned by the dairy farmers and produce milk and dairy specialties under brands such as Stainzer, Lattella etc.The administration building was slightly rehabilitated and had no air conditioning previously.The effect of sunlight and internal loads heated the building.Special Ceiling cooling panels were installed in the roof which were supplied with process water for cooling

Sector: food & beverages	Sub sector: milk products
Country: Austria	Company scale: Large (>= 250 people and/or >= 50 mio€ turnover

Investigated Company: Berglandmilch eGen – wels	product output 12,700,000 hl/a product output tons/a product output tons/a product output tons/a	
Employees: 1,500	Turn over: EUR 853 million	
Unit operations involved: Cooling of administrative building	Temperature and Energy demand [°C, MWh/a]: Not specified	Equipment for heat/cooling generation: Cooling:Comfort Ceiling Panels on Roof
Process optimisation:	System optimisation: New Comfort celing panels on roof for cooling 400 sqm of office space	Energy supply technology: Electricity
Energy saved [%, MWh/a]: 38.3	Fossil energy saved [%, MWh/a]: Not specified	CO2 emissions saved [%, t/a]: Not specified
Link to further information: wolfgang.dessl@berglandmilch.at	Co-ordinator, realising partner: Berglandmilch eGen	Filling in person: