

# Net Zero Alignment SZG



## Implementation of climate policy

Established team for the climate and energy strategy:

- CEO
- Division Manager technique
- Strategy Representative
- Head of Environment
- Head of Legal Affairs
- Facility Manager

Monitoring:

- Process of Measures
- Timeline
- Responsibilities
- Assessment
- Target achievement
- Continuous improvement process

# Strategy – Target 2050

- Climate neutrality Net Zero
- Regional energy autonomy
- Sustainability

Austria's 2030  
Master Plan –  
Way to become  
climate-neutral by  
2040!

## Interim Targets

2020	2030	2040	2050
52% ratio of renewable energy	75% ratio of renewable energy	100% ratio of renewable energy	
Increased application of electrical energy by processes and equipment	Changeover to neutral energy sources in the buildings sector	Changeover to 100 % ration neutral energy sources in the transport sector (phase out of inventory)	

# Risk management

Categories taken into consideration:

- Climate protection
- Security of supply
- Acceptance
- Environmental compatibility
- Economic efficiency

Economic planning is secured by the medium-term plan and is controlled by internal Controlling.

# Targets and Measures

## Electric power

- Annual energy saving of about 150.000 kWh
- Extension of the own power generation (average 50 kWp/year until 2040)
- Electricity purchase – only CO<sup>2</sup> neutral power (without nuclear power)

# Targets and Measures

## Equipment and vehicle fleet

Austria's 2030  
Master Plan –  
Way to become  
climate-neutral  
by 2040!

- Equipment for aircraft-handling and vehicle fleet
  - 100% changeover from combustion engine to electric drive until 2040 (phase out of inventory)
    - 100% of all new cars will be zero-emission beginning no later than 2030\*
- Winter service equipment and vehicles
  - 100% changeover to CO<sub>2</sub> neutral fuel until 2040 (phase out of inventory)
    - 100% of all new heavy goods vehicles over 18 tonnes will be zero-emission in 2035\*
- Fire department equipment and vehicles
  - 100% changeover to CO<sub>2</sub> neutral fuel until 2040 (phase out of inventory)
    - 100% of all new heavy goods vehicles over 18 tonnes will be zero-emission in 2035\*
- Establishment of charging infrastructure – amount adjusted to the demand

\* Reference: Federal Ministry Republic of Austria Climate Action, Environment, Energy, Mobility, Innovation and Technology

# Targets and Measures

## Buildings

- New constructions according developed standards
  - deep drilling, thermic concrete core activation for heating and cooling
- Cooling supply
  - by power produced on-site (PV-power)
- Heating supply
  - 100% changeover from natural gas and fuel oil to CO<sup>2</sup> neutral district heating until 2028
- Production of remaining, necessary heating by a decentralised heat production

# Targets and Measures

## Building services

- Development of a combined central and decentral heating supply
- Changeover to a decentral hot water supply
- Development of an intelligent energy supply network including storage
- Implementation and further development of an overall energy load management