

#mission2030

Austria's Climate and Energy Strategy

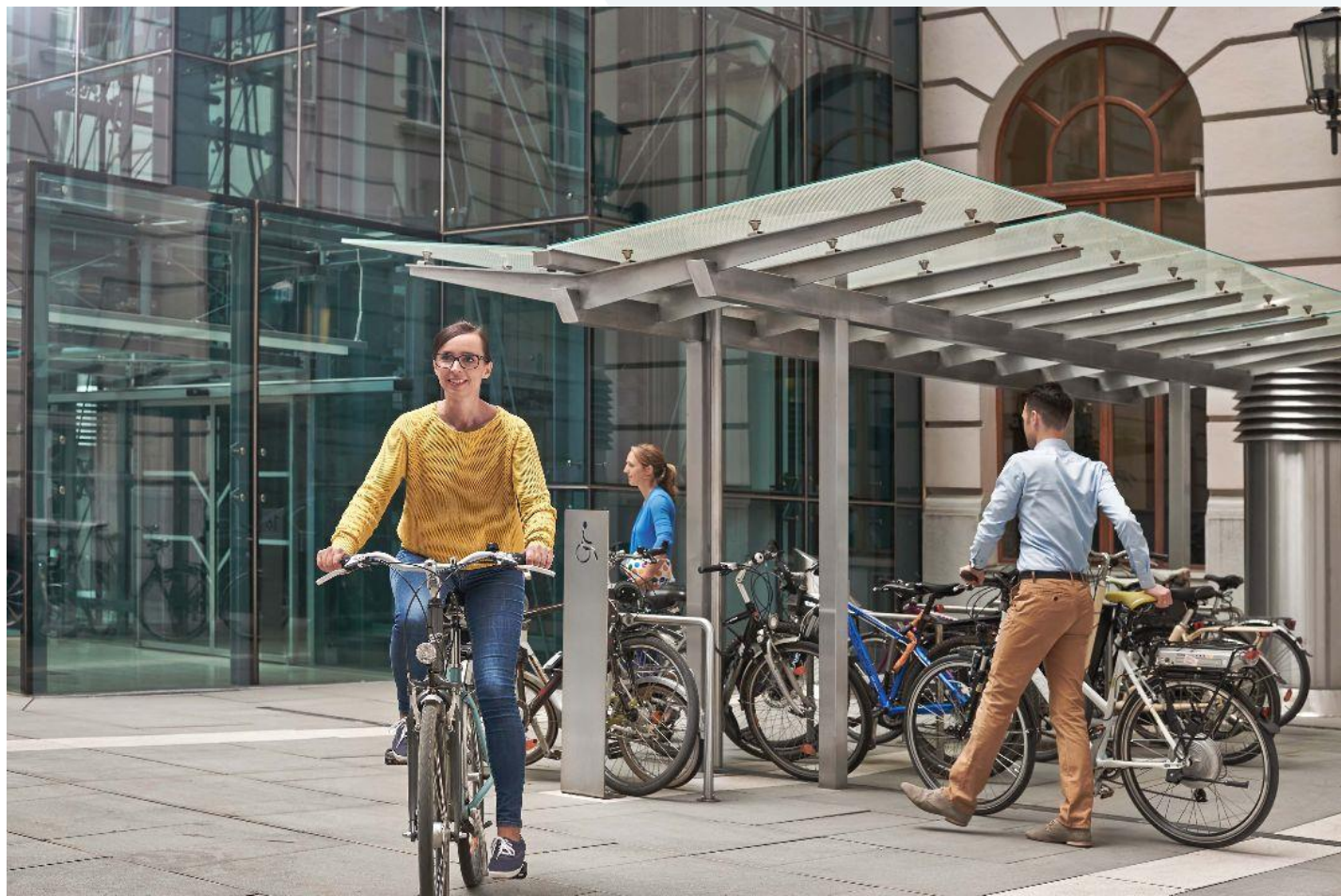
Dr. Martina Schuster
BMNT, Directorate General IV, Climate
Vienna, September 2018

Integrated Climate and Energy Strategy for Austria

Government programme 2017-2022:

„There is a need [...] for an integrated strategy, both, with clear targets on renewable energy for all sectors, energy supply, energy efficiency and savings, infrastructure needs and market integration, innovation, research and development, as well as for a medium and long term vision for a decarbonised future.“

Objectives



Objectives

Environmental sustainability

- Mitigation of GHG emissions
- Increased share of renewable energy
- Improvement of energy efficiency

Triangle of objectives





Competitiveness/ affordability

- Level playing field for industry
- Competitive energy markets
- Strengthening of research and development

Energy security

- Strengthening of domestic resource basis
- Risk management in electricity supply
- Infrastructure and storage
- Diversification of supply routes

Sustainability objectives in comparison with EU objectives

	2020 -20% GHG emissions (EU, 1990)		2030 -40% GHG emissions (EU, 1990)	
				
Renewables Share of renewable energy (gross domestic energy consumption)	20%	34% (2016: 33,5%)	32%	45-50%*
Sub-target for Electricity				100% im-/export balanced
Energy efficiency	20% indicative	1050 PJ (2016: 1121 PJ)	32,5% indicative	25-30%
	Reduktion gegenüber prognostiziertem Energieverbrauch 2020 bzw. 2030			Reduction primary energy intensity vs. 2015
GHG emissions Reduction vs. 2005 in non-ETS sectors	-10%	-16% (2016: -11%)	-30%	-36%**

*national objectives to be determined according to Governance-Reg.

** national target according to Effort-Sharing-Reg.

Guiding principles

Quelle:
BMNT, Alexander Haiden



Relevant guiding principles (1)

- Energy as an overall system („Sector coupling“)
- Retention of efficient infrastructure
- Decarbonisation without nuclear energy
- Low emission mobility
- Neutrality of technologies on 2050 decarbonisation trajectory
- Location for business - growth & jobs
- Research and Innovation as a driving force
- Digitalisation as an opportunity

Relevant guiding principals (2)

- Minimise administrative burden, efficiency of subsidies
 - Avoidance of multiple subsidisation
 - Cost-effective cooperation among federal state, provinces and municipalities
 - Review and step-wise cutback of counterproductive measures
- Synergies among governance levels
 - Cooperation in strategies and legislation, objective: cost-effective decarbonisation
 - Clear distribution of responsibilities and tasks
- Sustainable finance
 - Strengthening of private investment
 - „Green Finance“ schemes
 - Reforms in investment and structural policies
 - Avoidance of „lock-in“ effects

Lighthouse projects



12 Lighthouse projects (1)

- Mobility
 - LH 1: Efficient carriage of freight logistics
 - LH 2: Strengthening of rail public transport
 - LH 3: E-mobility initiative
- Buildings/heat supply
 - LH 4: Energy improvement of building stock
 - LH 5: Heat supply from renewables

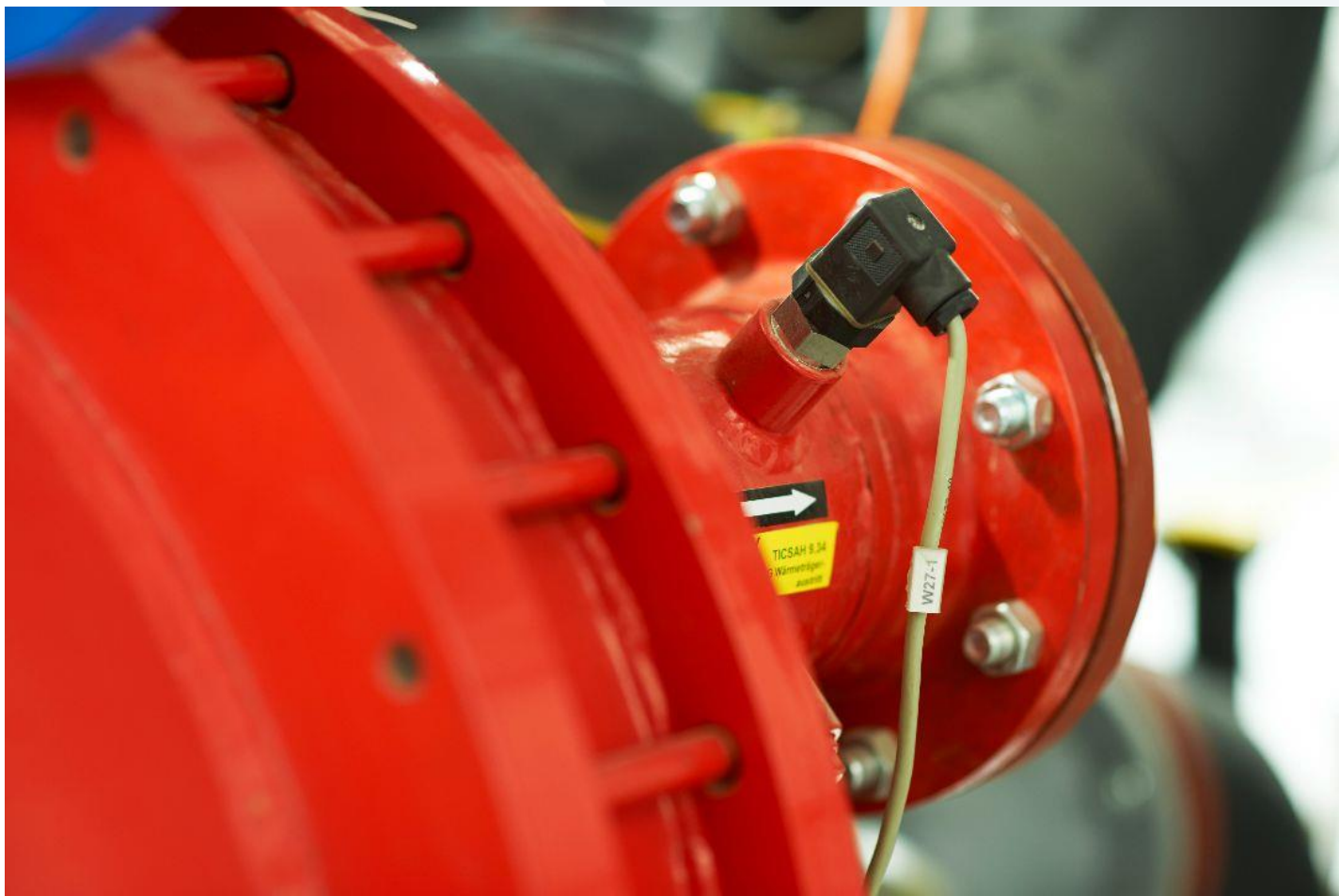
12 Lighthouse projects (2)

- Renewable energy/electricity
 - LH 6: Programme for „100.000 roofs“ photovoltaic and micro storage
 - LH 7: Renewable hydrogen and biogas
- Financing
 - LH 8: Green Finance

12 Lighthouse projects (3)

- Research/innovation
 - LH 9: Energy systems for the future
 - LH 10: Programme Mission Innovation Austria
- Horizontal topics
 - LH 11: Communication – Education and awareness raising for a sustainable future
 - LH 12: Bio-based economy Strategy

Implemen- tation



Implementing instruments

- #mission2030 is the starting point of a long-term transformation in energy policies
- Achievement of the objectives requires different instruments, i.a.:
 - Subsidies
 - Innovative financing schemes („green Finance“)
 - Regulatory measures
 - Fiscal measures

Next steps and monitoring

- Implementing process on lighthouse projects has started yet
- Ongoing cooperation with Ministry of Transport, Innovation and Technology (i.a., common process on Action Plan „Competitive and clean mobility 2030“)
- Fall 2018: Discussion process with provinces and stakeholder consultation under national energy and climate plan (NECP) according to EU Governance Regulation
- 31.12.2018: Draft NECP will be submitted to European Commission
- Final NECP by end of 2019
- Evaluation of #mission2030 every five years (together with NECP)

Thank You
for your attention!

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