Clean Energy for a Green Europe

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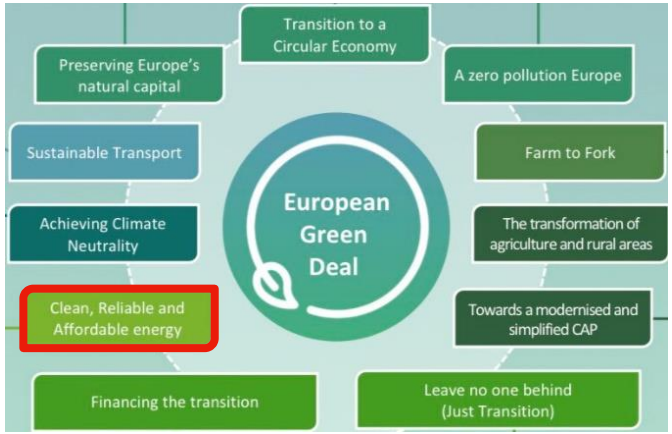
GROWTH AND SUSTAINABILITY: A EUROPEAN UNION PERSPECTIVE

Clean Energy Package: A crucial part of Green Deal aiming the decarbonization of energy systems

European Green Deal

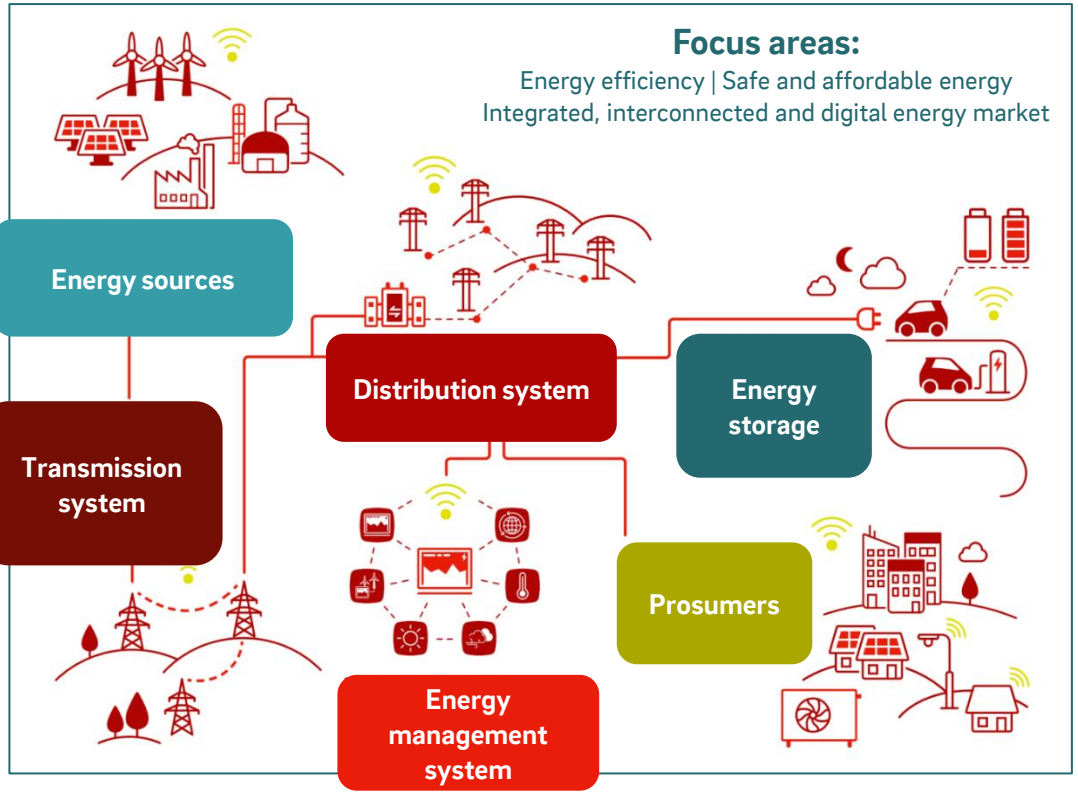
- A new growth strategy for Europe
- Climate Neutrality by 2050
- Financig mechanism: European Green Deal Investment Plan; Just Transition Mechanism
- **Clean Energy**: a key aspect and crucial element



Clean Energy Package (CEP)

- Global competitiveness by clean energy
- 32,5% higher energy efficiency by 2030
- 55% GHG emission reduction by 2030
- 900,000 new jobs by 2030
- Active customers, empowerment

Goal: Offer sustainable solutions in a fundamentally changing, digital and decentralized energy ecosystem



ON THE WAY TO ENERGY TRANSITION: HUNGARY'S PATH FOR CLEAN ENERGY

Hungary's National Energy Strategy 2030:Four pillars

Consumers at the heart of the strategy

- Active consumers
- Aggregator and Demand Side Response (DSR)
- Energy communities (local and virtual)
- "Smart" tariffs and smart meter
- Local flexibility platform

Security of energy supply

- Increasing energy efficiency
- Reducing gas consumption
- Energy conscious society: education & awareness

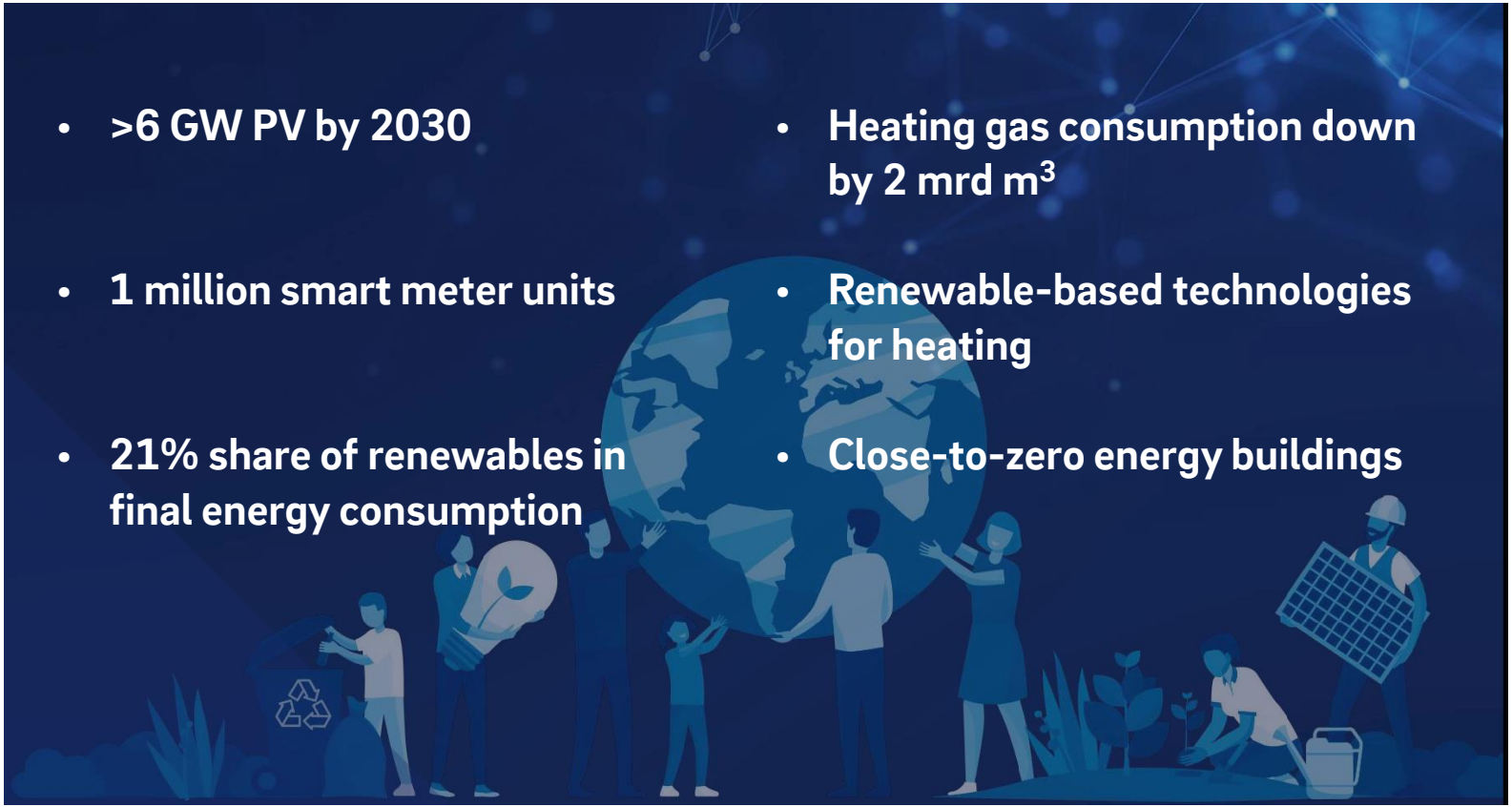
Climate-friendly transformation of the energy sector

- Strengthening system-level flexibility
- DSO network absorption capacity
- Active network (DSR, voltage control, storage)

Innovation

- E-mobility: charging infrastructure
- „Green bus" programme
- Domestic biogas incentives

Hungary's National Energy Strategy 2030: Key targets

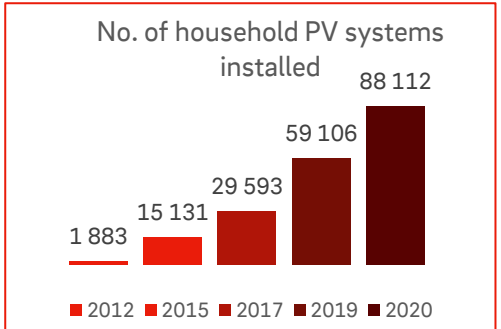


ENERGY SERVICE PROVIDERS' VIEW:
AT E.ON WE ARE READY TO TAKE OUR PART AS ENABLER

Smart grids to act as market enablers

Grid investments

- PV-boom: Renewable energy integration challenge
- Huge network investments to get ready for Clean Energy



Grid operations: Intelligent, innovative solutions

Smart metering

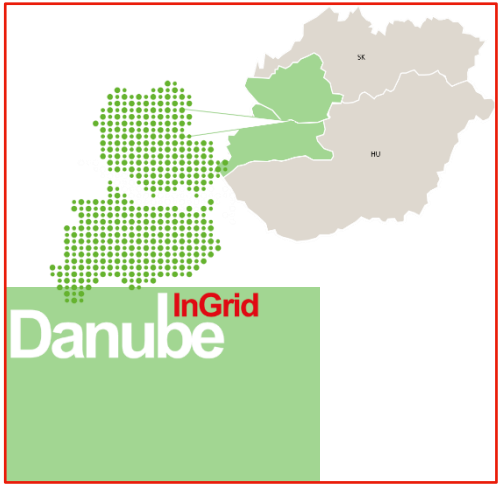
Machine vision technologies

Drones

Tree trimming with GPS

Integrated and interconnected energy networks

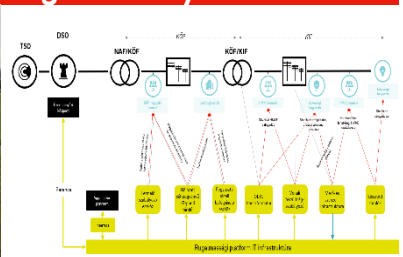
- Danube InGrid: EU co-financed smart grid Project of Common Interest (PCI) (2020-2025)
- Integrate more renewables
- Smart & flexible technologies
- Big data, MI



Successful pilots – flexibility and active network management systems

iElectrix

- Increase RES grid integration
- Flexible and smart micro-grids



Flex.ON

- Smart distribution grid pilot
- IT platform to ensure flexibility

"SUSTAINABLE CUSTOMERS"
A MUST WITH OPPORTUNITIES

ESG: Economic, Social and Governance at E.ON Hungária
New model to drive sustainability on all levels

E.ON Hungária Strategic Focus Areas

- GHG Emissions
- Climate Change
- Waste and Pollution
- Health and Safety

E.ON Hungária Operational Focus Areas

- Employee Relations & Diversity
- Working Conditions
- Local Communities

E.ON Hungária Organisational Focus Areas

- Human Rights
- Consumer Protection
- Deforestation
- Resource Depletion
- Water
- Ecosystem Protection
- Compliance/ Corruption
- Risk Management
- Tax strategy
- Executive Remuneration
- Donations and Political Lobbying
- Board Diversity and Structure

Switching to clean energy in business and operation

- We contribute to a carbon-neutral Europe
- Sustainability is the key driver in our business
- We look out for each other: diversity and inclusion

UNITED NATIONS

SUSTAINABLE DEVELOPMENT GOALS

- Clear commitment
- Direct effect on 3 goals

2030:

- Carbon-neutral buildings
- Electric car fleet
- 30% GHG-reduction

2050:

- 100% carbon-neutral operation

7 AFFORDABLE AND CLEAN ENERGY

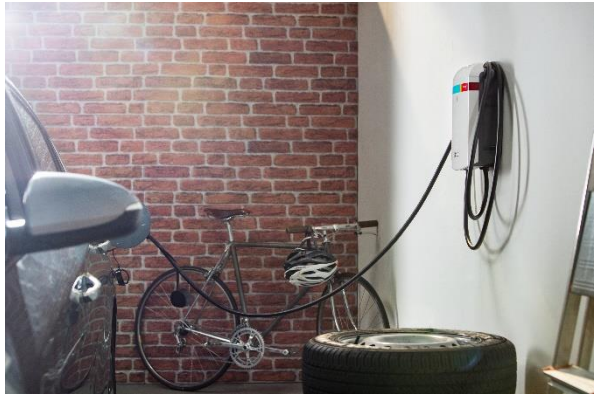
11 SUSTAINABLE CITIES AND COMMUNITIES

13 CLIMATE ACTION

Enabling our customers: Sustainable solutions in all segments

B2C

- Digital platforms
- E-charging, home charging
- E.ON Solar
- DrivE.ON app
- Bike sharing (Blinkee)



B2B

- Integrated solutions
- E-charging network (Aldi)
- Solar energy parks (Audi)

B2M

- Electric car fleet
- CNG mobility
- Public lighting installation

Prosumer role case study: E.ON-Audi PV rooftop project

- Europe's largest PV roof system
- An exemplary project on the way to carbon neutrality by 2050
- Inaugurated in October 2020
- 35,000 solar modules installed
- 12 MW installed peak power
- 9.5 GWh/year of renewable energy production
- Total rooftop area of about 160,000m²

Utilization of renewable energies at AUDI HUNGARIA Zrt.

Zentai Zsolt

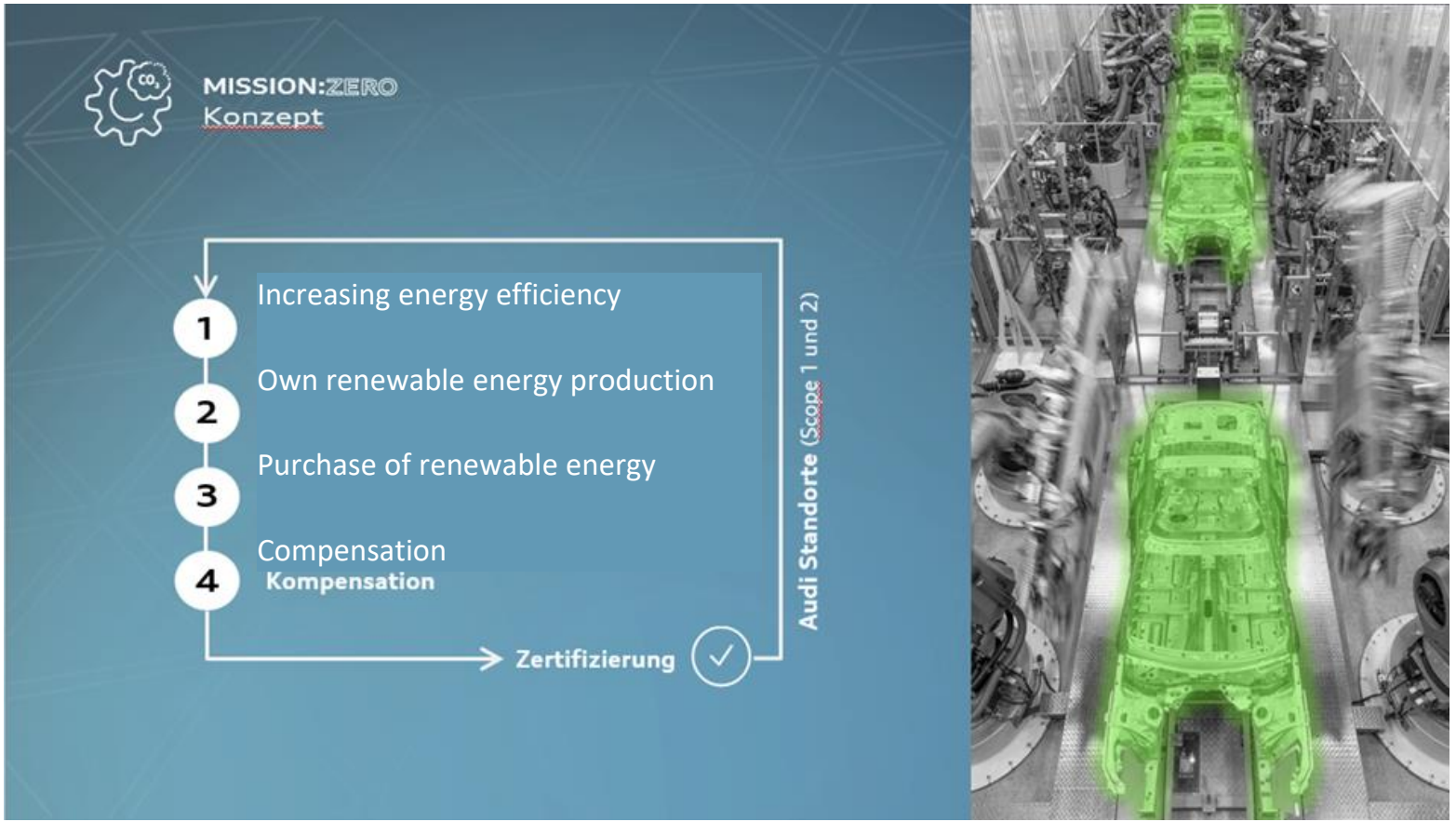
Head of building technology and infrastructure design

1. Vision – Climate-neutral production in the VW Group's factories

VISION

We are designed to be climate neutral
striving for our factories to the maximum
energy efficiency and
for the use of renewable energies

2. Concept – Climate-neutral production in the Audi Group's factories




Thank you for
your attention