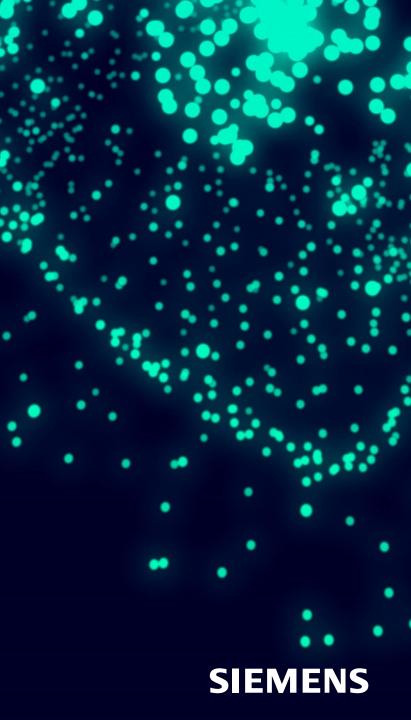
# Accelerating Sustainability

Judith Wiese, Chief Sustainability Officer and CHRO



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#### **Notes and forward-looking statements**

This document contains statements related to our future business and financial performance and future events or developments involving Siemens that may constitute forward-looking statements. These statements may be identified by words such as "expect," "look forward to," "anticipate," "intend," "plan," "believe," "seek," "estimate," "will," "project" or words of similar meaning. We may also make forwardlooking statements in other reports, in prospectuses, in presentations, in material delivered to shareholders and in press releases. In addition, our representatives may from time to time make oral forwardlooking statements. Such statements are based on the current expectations and certain assumptions of Siemens' management, of which many are beyond Siemens' control. These are subject to a number of risks, uncertainties and factors, including, but not limited to, those described in disclosures, in particular in the chapter Report on expected developments and associated material opportunities and risks in the Annual Report and in the Half-year Financial Report, which should be read in conjunction with the Annual Report. Should one or more of these risks or uncertainties materialize, events of force majeure, such as pandemics, occur or should decisions, assessments or requirements of regulatory authorities deviate from our expectations, or should underlying expectations including future events occur at a later date or not at all or assumptions prove

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This document includes – in the applicable financial reporting framework not clearly defined – supplemental financial measures that are or may be alternative performance measures (non-GAAPmeasures). These supplemental financial measures should not be viewed in isolation or as alternatives to measures of Siemens' net assets and financial positions or results of operations as presented in accordance with the applicable financial reporting framework in its Consolidated Financial Statements. Other companies that report or describe similarly titled alternative performance measures may calculate them differently.

Due to rounding, numbers presented throughout this and other documents may not add up precisely to the totals provided and percentages may not precisely reflect the absolute figures.



#### Based on a strong track record, Siemens is accelerating its sustainability approach



#### Strong track record in sustainability

Sustainability is embedded in Siemens' business activities; it's part of our portfolio, our operations, our governance – our DNA.

#### Sustainability equals business

Siemens' technology and innovation create opportunities and help our customers achieve their sustainability goals for a better future.

**DEGREE – our ambitious sustainability framework** Siemens is committing to – and will report on its progress toward – clear ESG priorities and ambitions in keeping with our "DEGREE" framework.



#### Siemens' strong track record in sustainability

# Committed



Setting targets

SBTi<sup>1</sup> 1.5°C target commitment building upon pioneering carbon-neutral program



#### **Following standards**

Supporting UN<sup>2</sup> Global Compact and other UN Principles and Conventions since 2003



#### **Incentivizing ESG**

Long-Term Incentive (LTI) system with Sustainability KPIs (Customer NPS<sup>3</sup>, CO<sub>2</sub> Reduction, Training Hours)

# Impactful



SUSTAINABLE

DEVELOPMENT

GOALS

#### **Responsible business**

Carbon-neutral program has already achieved 54% reduction of Siemens' CO<sub>2</sub> footprint<sup>4</sup>

#### Sustainable development

Siemens' impact shown through Business to Society approach in > 35 countries

#### Fast aid

> €15 million COVID-19 Relief Fund for fast and unbureaucratic help

# Recognized



Leading in ratings

Part of the DJSI<sup>5</sup> World Index (top 10%) for more than 20 years and over 10 years at the leadership level within CDP<sup>6</sup>

#### Acknowledged for ESG<sup>7</sup>

In 2021, German Sustainability Award for Design for Siemens Mobility's regional and commuter train Mireo



German Sustainability Award Design 2021

**Great place to work** 

Ranked among Forbes' "World's Best Employers" for 2020 in our industry; recipient of several awards for inclusion

All data for FY2020 1 SBTi: Science Based Target initiative 2 UN: United Nations 3 Net Promoter Score 4 Between 2014 and 2020 5 DJSI: Dow Jones Sustainability Index 6 CDP: Carbon Disclosure Project 7 ESG: Environmental, Social, Governance



## Siemens has a strong track record in Sustainability





#### Siemens is actively driving collaboration to achieve sustainability and has made strong public commitments



offices around the world - that helps businesses, governments and other organizations understand and communicate their sustainability impacts. 2 © 2021. Reprinted with permission from The SASB Foundation. All rights reserved.

# Siemens' sustainability performance has received strong recognition in external ratings and rankings



#### **Rating highlights**

- Innovation management
- Cybersecurity program
- Customer relationship management
- Green products and service / eco-design
- Compliance management system
- Environmental management system





GENDER EQUALITY



# Technology with purpose

REDUCED

#### **Technology with purpose** Sustainability is core for all our businesses

#### Future of industry: Finite resources – infinite data

- Digital Enterprise portfolio to help industry respond faster and more flexibly to new market demands
- Digital twin: combines digital and real worlds in constant data flow to conserve resources and cut waste
- Smart industrial solutions to make products and production more resource-efficient and use less energy
- Greater transparency of products' carbon footprints across the entire supply chain, including suppliers

#### Future of infrastructure: Decentral, decarbonized, and digital

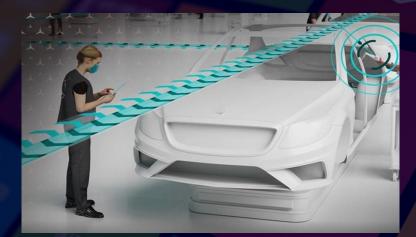
- Intelligent energy solutions that contribute to a cleaner and more resilient energy mix
- Building offerings for optimal energy usage and healthy indoor climate
- New technologies to reduce emissions (e.g. GIS<sup>1</sup> Blue portfolio, eMobility charging infrastructure)
- Decarbonization programs for customers including attractive financing schemes, e.g. IFPs for EaaS<sup>2</sup>

#### Future of mobility: Strong shift toward decarbonized transportation systems

- Trains are the most environmentally friendly modes of passenger transportation
- Industry leader in train battery technology and development of superior second generation hydrogen train
- Intermodal offerings from door to door for a seamless travel experience
- Increased system capacity, availability and reliability through digitalization (e.g. interlocking in the cloud)
- Enhanced life-cycle management of assets through data-driven predictive maintenance and analytics

1 GIS: Gas-Insulated Switchgear 2 EaaS: Infrastructure Platform; EaaS: Energy-as-a-Service

#### Technology with purpose We help our customers enhance their sustainability performance



#### **Sustainable Production**

#### **Mercedes-Benz**

- Digital end-to-end technologies for flexible production
- Mercedes-Benz Digital Factory Campus as blueprint for flexible, resource-saving, CO<sub>2</sub>neutral factories
- New working environments with IT and Augmented Reality



#### **Clean Energy**

#### **Azores Microgrid**

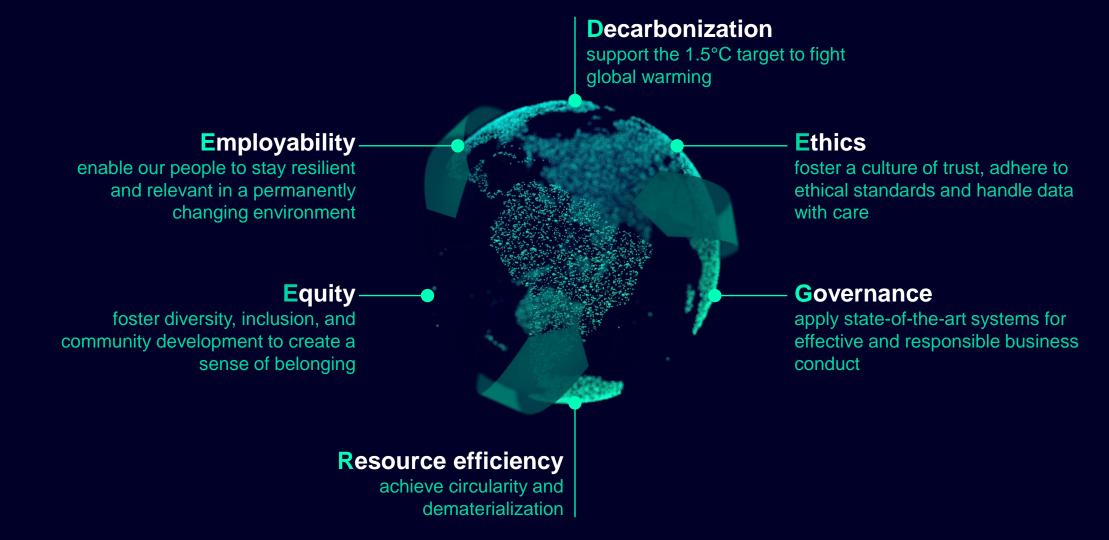
- Autonomous battery-based energy storage system and microgrid
- Increased renewables by 60%
- Reduce  $CO_2$  by > 3,500 t / year
- Reduce diesel use by 1,150 t / year
- Increased grid stability and resilience

## **Sustainable Region Rail**

#### SFBW<sup>1</sup> (Baden-Wuerttemberg, GER)

- Mireo Plus Battery: Locally emission-free passenger transport with and without overhead power lines
- 25% less energy consumption than previous models
- 95% recycling rate at the end of lifecycle

## **Our DEGREE framework** sets clear priorities for Sustainability at Siemens



SIEMENS

#### **Our DEGREE framework** is substantiated with clear ambitions

Decarbonization	<ul> <li>Net zero operations by 2030 in line with SBTi pathway</li> <li>Net zero supply chain by 2050, 20% emissions reduction by 2030</li> </ul>
Ethics	<ul> <li>Striving to train 100% of our people on Siemens' Business Conduct Guidelines every three years</li> </ul>
Governance	<ul> <li>ESG secured supply chain based on supplier commitment to the Supplier Code of Conduct</li> <li>Long-term incentives based on ESG criteria<sup>1</sup></li> </ul>
<b>Resource efficiency</b>	<ul> <li>Next-level robust eco-design for 100% of relevant Siemens product families by 2030</li> <li>Natural resource decoupling through increased purchase of secondary materials for metals and resins</li> <li>Circularity through waste-to-landfill reduction of 50% by 2025 and towards zero landfill waste by 2030</li> </ul>
Equity	<ul> <li>30% female share in Top Management by FY 25</li> <li>Access to employee share plans: maintain high level and expand globally to 100%<sup>2</sup></li> <li>Global commitment to the New Normal Working Model</li> </ul>
Employability	<ul> <li>Double digital learning hours by 2025</li> <li>Access to employee assistance program: maintain high level and expand globally to 100% by 2025</li> <li>30% improvement in Siemens' globally aggregated LTIFR<sup>3</sup> by 2025</li> </ul>

1 Assessed on the basis of a Siemens internal ESG/Sustainability index, incl. Customer Net Promoter Score, CO<sub>2</sub> Reduction, Training Hours 2 Where legally possible and reasonable 3 LTIFR: Lost time injury frequency rate (of Siemens employees and temp. workers) baseline FY2020

#### SIEMENS

# Decarbonization

support the 1.5°C target to fight global warming



#### **Major achievements**

- Early commitment in 2015: 1<sup>st</sup> major industrial company to commit to net zero in its own operations by 2030; 54% CO<sub>2</sub> reduction by 2020 (fleet, decentralized energy systems, green energy sourcing)
- Abatement of ~150 million tons p.a.<sup>1</sup> of CO<sub>2</sub> emissions through our portfolio at our customers
- Strong offering of decarbonization solutions

#### **Ambitions and further commitments**

1.5°C SBTi<sup>2</sup> commitment and "triple joiner" for EP100, EV100, RE100<sup>3</sup>

- Net zero operations by 2030 in line with SBTi pathway
- Net zero supply chain by 2050, 20% emissions reduction by 2030



CLIMATE GROUP CLIMATE GROUP EP100 EV100

**RE100** 

**1** FY 20 **2** SBTi: Science Based Targets initiative **3** Commitments on Energy Productivity improvements (EP), use of Electric Vehicles (EV), and Renewable Energy (RE)



# Decarbonization

support the 1.5°C target to fight global warming



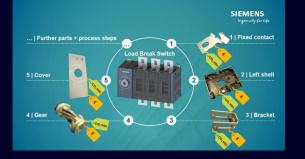
## **Selected highlights**



Energy performance contracting to reduce emissions and costs



Microgrids for Siemens, e.g. in Vienna, Milan, Midrand



Green Digital Twin drives sustainable design and sourcing decisions



Carbon reduction at suppliers



# **E**thics

foster a culture of trust, adhere to ethical standards and handle data with care



#### **Major achievements**

- 165,000 employees trained on the contents of our Business Conduct Guidelines in FY 20 promoting compliance
- DJSI<sup>1</sup> leader in cyber security within our industry
- Charter of Trust initiative founded to drive cyber security in a trusted digital world with cross-industry and global partners
- Siemens Integrity Initiative covers all major growth regions and risk countries with 77 projects and \$98.5 million funding

## **Ambitions and further commitments**

Striving to train 100% of our people on Siemens' Business Conduct Guidelines every three years

1 DJSI:Dow Jones Sustainability Index



# **E**thics

foster a culture of trust, adhere to ethical standards and handle data with care



## **Selected highlights**



Siemens Business Conduct Guidelines



Certifications (e.g. Secure Product Development Lifecycle)



We sign for Cybersecurity.

Charter of Trust: global, cross-industry initiative



Siemens Integrity Initiative



## Governance

## apply state-of-the-art systems for effective and responsible business conduct



#### **Major achievements**

- Strong ESG / Sustainability Governance in place (e.g. LTI, SSB<sup>1</sup>), Circular, Materiality Assessment
- Code of Conduct with clear ESG requirements for Suppliers and Third Party Intermediaries as integral part of supplier management methods and tools (Prevent-Detect-Respond)
- AI-based "ESG Radar" due diligence tool for ESG-related risk assessment in rollout

#### **Ambitions and further commitments**

- ESG secured supply chain based on supplier commitment to the Supplier Code of Conduct
- Long-term incentives based on ESG criteria<sup>2</sup>

1 LTI: Long-Term Incentive, SSB: Siemens Sustainability Board 2 Assessed on the basis of a Siemens internal ESG/Sustainability index, incl. Customer NPS, CO2 Reduction, Training Hours



## Governance

## apply state-of-the-art systems for effective and responsible business conduct



## **Selected highlights**



UN Guiding Principles on Business and Human Rights

OECD Guidelines for FOR MULTINATIONAL ENTERPRISES

**UN Global Compact** 

Global Business Initiative on Human Rights

Commitment to international standards



Sustainability Circular and ESG Risk Framework



Code of Conduct for Siemens' Suppliers and Third Party Intermediaries



Environmental & Social Due Diligence for customer related business



## **R**esource efficiency

achieve circularity and dematerialization



#### **Major achievements**

- "Serve the Environment" program: -18% disposal waste, 93% waste recycling, 70% green electricity
- "Product Eco Excellence" program: ~70% LCA/EPD<sup>1</sup> coverage rate in terms of revenue, global EP<sup>2</sup> standard for environmentally compatible product/system design
- Top DJSI/CDP ratings on environmental performance

#### **Ambitions and further commitments**

- Next-level robust eco-design for 100% of relevant Siemens product families by 2030
- Natural resource decoupling through increased purchase of secondary materials for metals and resins
- Circularity through waste-to-landfill reduction of 50% by 2025 and towards zero landfill waste by 2030

1 LCA: Life Cycle Assessment; EPD: Environmental Product Declaration; 2 EP: Environmental Protection



## **R**esource efficiency

# achieve circularity and dematerialization



## **Selected highlights**



Velaro Novo high speed – pushing boundaries of efficiency



Simulation from chip to real world reduces waste and emissions



Power flexibility in industry: Virtual Power Plant Sinebrychoff brewery



# Equity

foster diversity, inclusion, and community development to create a sense of belonging



#### Major achievements

- > 18% management positions held by women
- 155,000 employees own Siemens shares
- 5,300 employees with disabilities
- > 500 projects to foster societal cohesion & quality of life
- Global Donations: €34 million in FY 20, COVID-19 fund
   > €15 million

#### **Ambitions and further commitments**

- 30% female share in Top Management by 2025
- Access to employee share plans: maintain high level and expand globally to 100%<sup>1</sup>
- Global commitment to the New Normal Working Model<sup>2</sup>

1 Where legally possible and reasonable 2 Aim of the concept: Enabling employees worldwide to work on a mobile basis for an average of two or three days a week, whenever feasible



# Equity

foster diversity, inclusion, and community development to create a sense of belonging



## **Selected highlights**



New Normal

Working Model



Best place to work for disability inclusion



Top ranked company in LGBT+<sup>1</sup> (e.g. DAX30 LGBT+, Human Rights Corporate Equality Index)



Project Asha – access to water, electricity, health, education (> 500k people, > 72 villages) Siemens Foundation "empowering people.award"

1 Lesbian, Gay, Bisexual, Transgender and related communities



# **E**mployability

enable our people to stay resilient and relevant in a permanently changing environment



#### **Major achievements**

- €252 million investment in education and training, shaping of new and innovative learning experience with more than 100,000 digital learning opportunities for employees
- ~6,800 apprentices and dual students; ~1 million PLM software licenses to empower students at universities
- 21% year-on-year reduction in employee accident rate

#### **Ambitions and further commitments**

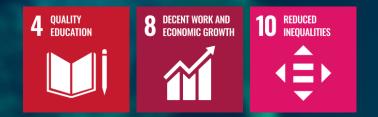
- Double digital learning hours by 2025
- Access to employee assistance program: maintain high level and expand globally to 100% by 2025
- 30% improvement in Siemens' globally aggregated LTIFR<sup>1</sup> by 2025

1 LTIFR: Lost time injury frequency rate



## **E**mployability

enable our people to stay resilient and relevant in a permanently changing environment



## **Selected highlights**



Lifelong learning -

development paths

re-/up-skilling,





Global Apprenticeship Program

PLM licenses – software grants to students



Health, safety, and well-being at work



Siemens Stiftung – MINT education for kindergarten



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