



GHG Emissions Reduction Plan

MORAVIA CANS a.s.

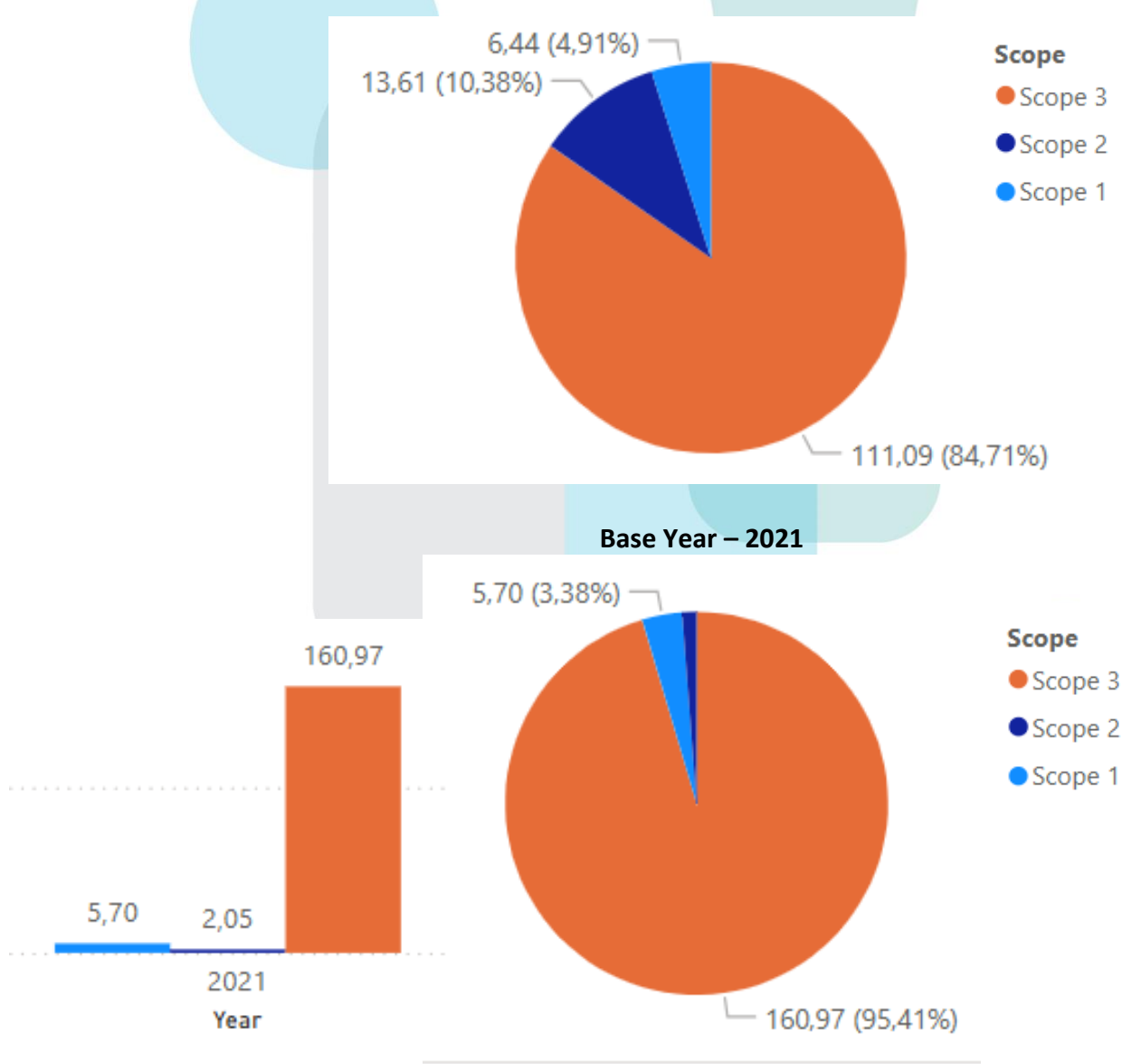
Introduction

Purpose of the document: To define the strategy and specific steps for reducing greenhouse gas emissions.

Relation to other documents: Environmental policy, sustainability strategy, ISO 14001 system.

2. Background and current state

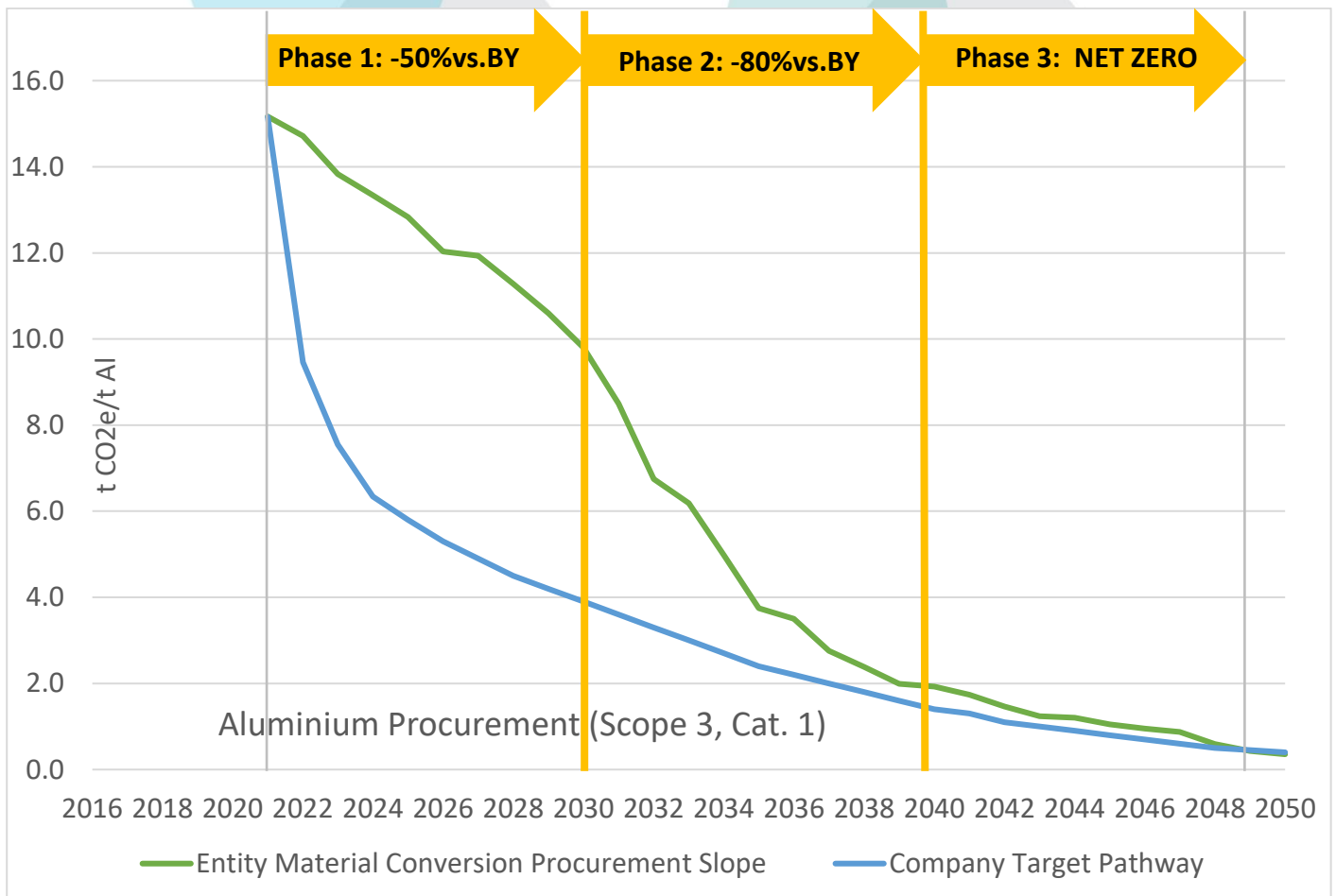
- Total CO₂e emissions for the last period (2024): 137.59 kt CO₂e
- Main emission sources by category:
 - **Scope 1:** 6.44 kt CO₂e ... Direct emissions (e.g. natural gas, vehicle fleet)
 - **Scope 2:** 13.61 kt CO₂e ... Indirect emissions from purchased electricity
 - **Scope 3:** 111.09 kt CO₂e ... Emissions from services, supply chain, distribution, waste



3. Targets

- **Long-term target:**
 - NET ZERO by 2050
 - Reduce total CO₂e emissions by 50% by 2030 compared to 2021 (Base Year – BY).
- **Short-term targets (within 2 years):**
 - Increase the share of PCR material
 - DWI technology – lightweighting – increase production volumes of this product
 - Reduce electricity consumption per unit of production (container) by 3%
 - Increase the share of renewable energy by 2% vs. BY
 - Increase the share of green aluminium in input material – 10%
 - Implementation projects for UV coating / water-based coatings and digital printing

4. Footprint of purchased aluminium – Scope 3 (ASI Pathway Tool)



5. Measures for Emission Reduction

Area	Measures	Expected Impact (t CO ₂ e/year)	Deadline	Responsibility
Phase 1	Increase the share of PCR material in sold products	50% (vs BY) – S3	2030	MD, Obchod, R&D
	Increase the share of green aluminium in input material			
	Product lightweighting			
	Increase the share of green electricity (Guarantee of Origin)	25% (vs BY) – S1,2		MNG team, Facility
	PV projects (Photovoltaic projects)			
Phase 2	Further increase in the share of PCR material in sold products, green aluminium, and product lightweighting	80% (vs BL) – S3	2040	BoD, R&D, Logistics, Production
	Implementation of digital/UV printing and coating on part of the technology	50% (vs BY) – S1,2		BoD, R&D, Logistics, Production
	Alternative transportation methods			
	PV projects (Photovoltaic projects)	80% (vs BY) – S1,2		MNG team, Facility
	Further increase in the share of green electricity (Guarantee of Origin)			
Phase 3	New low-/zero-emission aluminium production technologies	NET ZERO	2050	Supplier
	100% aluminium collection and recycling system			Government
	100% green electricity			BoD, Facility
	Complete replacement of natural gas with a zero-emission alternative			BoD, Facility
	Full implementation of UV/digital printing and coating technologies or other low-emission methods			BoD, R&D

6. Monitoring and Evaluation

- **Monitoring frequency:** once per year (according to ISO 14064)
- **Monitoring system:** externally provided CO₂e calculations + internal metrics (kWh, m³, km)
- **Evaluation** within management review
- **Internal** online ESG report

- **External** verification of target feasibility (e.g. SBTi) – from 2026
- **ASI Standard**

7. Communication and Disclosure

- **Disclosure of results:** CDP, EcoVadis, ESG report
- **Internal communication:** Morávka (internal platform), shared employee storage, team meetings

8. Responsibilities and Resources

- **Coordinator of ESG/ASI/GHG agendas** – appointed by MD
- **ESG/ASI/GHG team** – HR, HSE, R&D, Sustainability, Procurement, Quality, MD, Sales – to be indicated in the organigram
- **Provision of personnel, time, and financial resources for the preparation and implementation of measures** – MD