

NowyStyl

CO₂ Reduction Plan Nowy Styl

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Date: 20-06-2024

Version: 1.0

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1 Introduction

This document will present the scope 1 & 2 CO₂ reduction objectives of Nowy Styl. To determine the CO₂-objectives we have first determined the CO₂ footprint was made for scope 1 & 2 in accordance with the requirements as stated in ISO14064-1 and the GHG Protocol.

Before setting the reduction objective an inventory was made of possible reduction measures. With the reduction measures that are chosen a CO₂-reduction plan was developed. In this reduction plan de CO₂ reduction objectives and the measures that lead to this objective will be described.

In chapter two of this document the main objective and the scope 1 and 2 objectives will be stated. In chapter three the progress within the reduction aim will be described. In chapter four the action plan concerning the measures has been worked out.

This CO₂-reduction plan has been made with approval of management. The progress in the objectives will be assessed every half year.

1.1 Reading guide

This document is as evidence for the requirements for the CO₂-Performance Ladder. In each chapter, some of the requirements are met. Underneath you will find a reading guide.

Chapter in this document	Requirement of the CO ₂ -Performance Ladder
Chapter 2: Energy Assessment	2.A.3
Chapter 3: CO ₂ Objectives	3.B.1
Chapter 4: Measures taken	3.B.1
Chapter 5: Sector and Chain initiatives	3.D.1 and 3.D.2

2 Energy Assessment

2.1 Introduction

The aim of the energy assessment is to analyse the current and historical energy uses of Nowy Styl. This assessment will compose of the minimal of 80% of the energy used. Within this assessment, we would like to identify the individual entities that have the biggest impact on the CO₂ footprint. After this assessment, the most energy consuming process within Nowy Styl can be identified and appropriate reduction measures can be taken. The analysis that was done for this assessment can be found in document CO₂-footprint Nowy Styl 2023 (CO₂-PL).xlsx

The biggest energy consumption and subsequent CO₂ emissions are as follows:

- Energy consumption Production Poland: 48,8 %
- Electricity consumption production in Poland: 33,5 %
- Fuel usage car fleet Poland: 4,9 %

2.2 Previous Energy Assessments

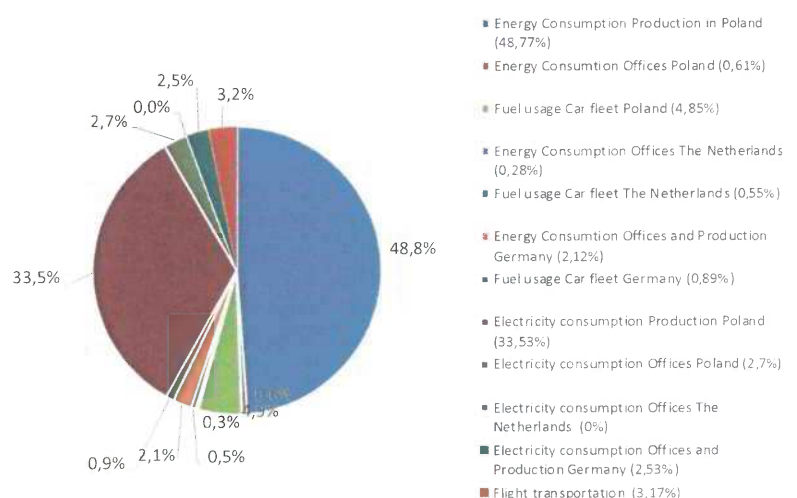
Last year the most important sources of the CO₂-emissions where the same. A small shift from electricity to energy consumption (heat) can be seen. This can be explained by the purchase of the green electricity (produced with biomass) in Poland. Because the CO₂-emissions of the electricity gets lower the part of the total is getting lower.

2.3 Energy Assessment 2023

For the energy assessment we have used the data that is available of 2023. The energy assessment has been conducted on the footprint in the file: CO₂-footprint Nowy Styl 2023 (CO₂-PL). We have calculated the CO₂ emissions on the various data provided. This data shows that the most emissions are caused by the production locations in Poland. The greatest emissions are caused by the electricity used. This majority of the electricity is produced by the Coal-fired power stations in Poland. The greatest reduction in the emissions will therefore also be caused by transferring electricity from a more renewable source (wind, solar or biomass). Nowy Styl has bought 6.600 MWh of green electricity (produced with windmills in Poland).

In the document CO₂-footprint Nowy Styl 2023 (CO₂-PL).xlsx a detailed calculation and measures that can be taken has been made. This shows the contribution of the different locations and the contribution of the measures on the whole CO₂ footprint and the contribution the Scope 1 and 2 respectively.

CO₂ Emissions of Nowy Styl (2023)



3 CO₂ Objectives

3.1 Comparison of the objectives with peers

The CO₂-Performanceladder states that the objectives of Nowy Styl need to be realistic and ambitious. To assess this an analysis was made of the objectives of peers in the sector. Nowy Styl is ambitious within the sector.

Vepa is a company that works in the same industry. Their main goals for the company (scope 1 & 2) are as follows:

1. The reduction of the use of fuel (for cars)
2. Reduction of the use of electricity and buying green energy

Their main goal is a reduction of 55% in 2030 compared to 2022. So that is a reduction of 6,8% per year. The goal of Nowy Styl is to reduce 7,2% per year, for the next 7 years.

Royal Ahrend is a company that works in the same industry. Their main goals for the company (scope 1 & 2) are as follows:

1. Prevention and reduction of waste
2. Reduction of the use of electricity
3. The reduction of the use of fuel (for cars)
4. Reduction of transportation kilometres and materials used

Their main goal is a reduction of 35% in 2025 compared to 2018. So that is a reduction of 5% per year. The goal of Nowy Styl is to reduce 7,2% per year, for the next 7 years.

Another company to compare with is Velopa. They produce street furniture. Their main goals for the company (scope 1 & 2) are as follows:

1. Prevention and reduction of waste
2. Reduction of the use of electricity
3. The reduction of the use of fuel (for cars)

Their main goal is a reduction of 30% in 2020 compared to 2008. So that is a reduction of 2,5% per year. The goal of Nowy Styl is to reduce 7,2% per year, for the next 7 years. So the goals are comparable.

3.2 Main CO₂ objective

Nowy Styl has the objective to reduce 7,2% annually until 2025. We changed the target the last years from 15% to 30% and finally to 50% in 2025.

Scope 1 and 2 including business flights objective Nowy Styl*

*Nowy Styl produces 50% less CO₂ emissions in 2025 compared to 2018**

* These objectives are related to the annual turnover of Nowy Styl

This is specified in the following objectives for scope 1 and 2:

- Scope 1: 10% reduction in 2025 relative to 2018
- Scope 2 & BT: 50% reduction in 2025 relative to 2018

4 CO₂ action plan

4.1 Reduction measures and time schedule

Reduction measures	CO ₂ -reduction reduction measure	Reduction total CO ₂ -footprint	Implementation period
Green energy in Poland	100% per kWh	50%	2018-2025
Energy savings on electricity	5-10%	5%	2018-2025
Energy reduction Halle 16	20%	10%	2018-2025
Certification Xilium Stoelseri	NA	NA	2025
Energy efficient machines	5-10%	~1%	2018-2025
More sustainable cars in carfleet	10-20%	5%	2018-2025
Video-conference	NA	<1%	Snel

4.2 Results

	Company	2018	2023
Scope 1	Energy Consumption Production in Poland	9.004,7	6859,3
	Energy Consumption Offices Poland	111,7	85,7
	Fuel usage Car fleet Poland	920,7	682,6
	Energy Consumption Offices The Netherlands	44,6	39,3
	Fuel usage Car fleet The Netherlands	172,3	77,0
	Energy Consumption Offices and Production Germany	619,3	298,7
	Fuel usage Car fleet Germany	244,0	125,0
	TOTAL Scope 1	11.117	8.168
Scope 2	Electricity consumption Production Poland	16.690,2	4715,2
	Electricity consumption Offices Poland	427,7	379,4
	Electricity consumption Offices The Netherlands	103,0	0,2
	Electricity consumption Offices & Production Germany	1.379,6	355,6
	TOTAL Scope 2	18.600	5.450
BT	Flight transportation	556,9	445,3
	TOTAL Scope 3 BT	557	445
	Total Emissions	30.275	14.063

NowyStyl	Scope 1		257,2	239,4
		Base number (Annual turnover)		
		Relative CO ₂ - Emission	43,22	34,12

	Relative CO2 Emission in %	100%	79%
	Expectation	100%	93%
Scope 2	Base number (Annual turnover)	257,2	239,4
	Relative CO2- Emission	72,31	22,77
	Relative CO2 Emission in %	100%	31%
	Expectation	100%	71%
Scope 1 + 2	Base number (Annual turnover)	257,2	239,4
	Relative CO2- Emission	115,52	56,89
	Relative CO2 Emission in %	100%	49%
	Expectation	100%	71%
BT	Base number (Annual turnover)	257,2	239,4
	Relative CO2- Emission	2,16	1,86
	Relative CO2 Emission in %	100%	86%
	Expectation	100%	71%
Scope 1, 2 & BT	Base number (Annual turnover)	257,2	239,4
	Relative CO2- Emission	117,69	58,75
	Relative CO2 Emission in %	100%	50%
	Expectation	100%	79%

5 Sector and Chain Initiatives

The CO₂-Perfromance Ladder invites certified companies to attend sector and chain initiatives. The companies are required to inform itself of the innovations in CO₂-reducing measures and developments within the sector.

5.1 Active participation

The principal behind these initiatives is to trade information with other like-minded companies and to inspire new ways of CO₂ reduction. The requirement was made for companies to attend in workshops and discussion groups. The agenda, the presentation and discussion are evidence of participation.

5.2 Current Initiatives

Chair of the NEN working group Guideline for a circular office and learning environment (Nowy Styl Netherlands)

Today (June 2024) Nowy Styl Nederland B.V. is still active in the workgroups for office and school furniture in the Netherlands. We do this together with our ergonomic partner Reacon (Jan Tissing) who has an extremely amount of knowledge. Together we represent Nowy Styl in the Dutch NEN organization and are in direct contact with our headquarters in Poland. We try to align the Dutch standard as much as possible to the European standard in order to make our efforts more efficient.

Supplier award Sustainability (Nowy Styl Poland)

The purposes of SSA Contest is to engage suppliers, develop and promote CSR initiatives related to environmental contribution and social actions. In 2021 Contest edition we focused on environmental and social aspects in general, nevertheless, facing coming ESG challenges, this year we raised the bar higher. We are proud of the way our suppliers act, develop and promote sustainable development!

The Award recognizes companies that have contributed significantly to achieving environmental goals of EU Taxonomy, and those Partners who demonstrate real support to vulnerable groups – women, people with disabilities, engage in promoting diversity, integration and equality in their own Organizations. Also, facing the Ukraine war crisis, we asked our suppliers how they engaged in helping people in need.

Best works presented holistic sustainable approach, well-thought and comprehensively developed CSR strategy regarding origin, recycling content and recyclability of the product in the context of circular economy, inspiring initiatives for people and culture, excellent diversity and inclusion company strategy, woman supporting programs, innovative actions to promote diversity in the workplace.

For outstanding innovations and accomplishments in sustainable development the jury awarded the following participants with distinctions and granted prize winners:

1st place, Hettich Marketing und Vertriebs GmbH

2nd place, REHAU SP. Z O.O.

3rd place, Camira Fabrics LTD

And granted **distinctions**: i.e.: Bachmann GmbH, Bock 1 GmbH , Donati S.p.a., Elis Textile Service Sp. z o.o., FABRYKA 4X4 Sp. z o.o. Sp.komandytowa, GABRIEL A/S, Hydro Extrusion Hoogezand B.V., Leggett & Platt Office Components International S.r.l., Spradling International GmbH.

At the end of September, as the follow up of Nowy Styl Supplier Sustainability Award Contest, we invited our Suppliers for a SSA2023 webinar in order to share good CSR practices performed in Suppliers Organisations and concerning the topics of the second edition of SSA2023 Contest. In the presence of over 40 persons: CSR Specialists, colleagues from Nowy Styl and Nowy Styl subsidiaries, we discussed and shared ideas described in the Contest presentations. It was a great chance for all participants to exchange ideas, inspire others, get knowledge and share sustainable concepts.

As a good sustainable initiative, SSA Webinar, will be continued each year.

Climate Protection Agency Mittelweser

Nowy Styl Deutschland GmbH is a partner of the "Climate Protection Agency Mittelweser". In 2019, the first energy and resource efficiency network for companies in the district of Nienburg/Weser was launched. Under the leadership of the Mittelweser e.V. climate protection agency. 16 companies from the service, trade and industry sectors are setting out together to use energy and resources more efficiently, to reduce their consumption and to produce them as regeneratively as possible. At the kick-off event in Nienburg's town hall, Franziska Materne, Managing Director of the Mittelweser e.V. climate protection agency, presented the network idea and the network roadmap: Over the next three years, the participating companies want to increase energy and resource efficiency in their business through regular exchange supervised by experts and accompanying energy technology advice, thus making an important contribution to environmental protection.

After taking stock of the overall energy situation at the participating companies, weak points were identified and energy-saving potential was revealed by analysing energy consumption.

After the implementation of concrete measures to save energy, the final event of the network took place in December 2022 at the premises of the project participant Nowy Styl Deutschland GmbH. At the end of the event, participants received a banner with the energy-saving results and a certificate for their successful participation in the project.

Climate Protection Company Network

Nowy Styl Deutschland is founding member of the Climate Protection Company Network of the German Chamber of Industry and Commerce DIHK.

5.2.1 Budget

Budget for the initiatives Nowy Styl consists of financially supporting this working group and enabling Patrick van Dommelen to take part in the discussions. The time used for these practices is during working hours.

