

Part of our ambition to lower our scope 3
Greenhouse Gas Emissions by 2050 to
reach Carbon Net Zero by 2050

Reduce GHG of purchased goods & services

Roadmap with WR suppliers - Phase 1: Preparation

5 partners selected through supplier campaign

Selection of one partner per region based upon decarbonization roadmap, circularity ambition, digitalization & willingness to work together

Bekaert develops recycled content standard for certification

Specification issued to selected suppliers, data collected at heat level and certified by third-party

See next slide for actions 2024 onwards...



Database built with mill level CO₂e & recycled content

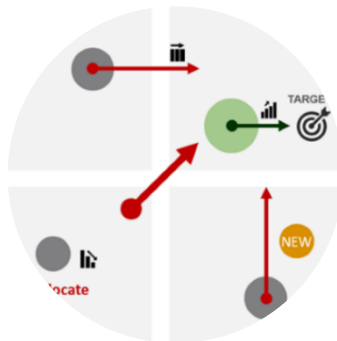
Kick-off partnership programs

Alignment on mutual programs, data sharing and transparency

Increased granularity of recycled content data

Recycled content managed at grade level for Steel Cord and Dramix®

Roadmap with WR suppliers – Phase 2: Execution



Get certified data from all our suppliers

- Full scope supplier CO₂ data: 40%, of which only 15% certified data
- Certified WR recycled content data, at 3 levels:
 1. Annual data at steel mill level
 2. Annual data at grade level
 3. Certified data at heat level

Adapt our Wire Rod supplier footprint

Short-term:

- Increase volume and extend grades at existing EAF based suppliers
- Screen, test and develop new EAF suppliers (existing)

Mid-term (2026 onwards):

- Screen, test and develop future players in the market → support transition from BF/BOF towards EAF

Advance existing partnerships and identify new partners

- Be active stakeholders in the roadmaps of sustainability-leading steel makers
- Secure (first) access to sustainable materials
- Joint projects for sustainability innovation (e.g. tramp elements, testing of materials from new processes)
- Evaluate (green) hydrogen-based steels (~2030 onwards)

Example EPD

Products produced at our Bohumin plant


- A **very intensive analysis** has been done of our operations at the Bohumin plant where every aspect was evaluated and verified by a third party, such as:
 - The origin of the sourced energy
 - Required energy per production process
 - The origin of raw material (AEF or BOF)

Type III Environmental Product Declaration No. 530/2023



Issuance date: 06.10.2023
Validity date: 06.10.2028

Hot-Dip zinc/zinc-alu/Bezinal® coated steel wire produced in Bohumin



Owner of the EPD:
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ITB is the verified member of The European Platform for EPD program operators and LCA practitioner www.eco-platform.org

Basic information
This declaration is the Type III Environmental Product Declaration (EPD) based on EN 15804+A2 and verified according to ISO 14025 by an external auditor. It contains the information on the impacts of the declared construction materials on the environment and their aspects verified by the independent body according to ISO 14025. Basically, comparison or evaluation of EPD data is possible only if all the compared data were created according to EN 15804+A2.

Life cycle analysis (LCA): A1-A3, A4-A5, C1-C4 and D modules in accordance with EN 15804+A2 (Cradle-to-Gate with options)

The year of preparing the EPD: 2023

Product standard: EN 10244, EN 10245, ISO 16120-1

Service Life: 10 years


PCR: ITB-PCR A

Declared unit: 1 ton

Reasons for performing LCA: B2B

Representativeness: manufactured in Czech Republic, year 2022

Type III Environmental Product Declaration No. 530/2023



Instytut Techniki Budowlanej
10-000 Warsaw, Poland

Thermal Physics, Acoustics and Environment Department

CERTIFICATE No 530/2023
of TYPE III ENVIRONMENTAL DECLARATION


Product:
Hot-Dip zinc/zinc-alu/Bezinal® coated steel wire produced in Bohumin

Manufacturer:
N.V. Bekaert S.A.
Bekaertstraat 2, 8550 Zwevegem, Belgium

confirms the correctness of the data included in the development of
Type III Environmental Declaration and accordance with the requirements of the standard

EN 15804+A2
Sustainability of construction works.
Environmental product declarations.
Core rules for the product category of construction products.

The certificate, based on Product EPD, is valid for 1 year
or until amendment of Environmental Declaration



Warsaw, October 2023