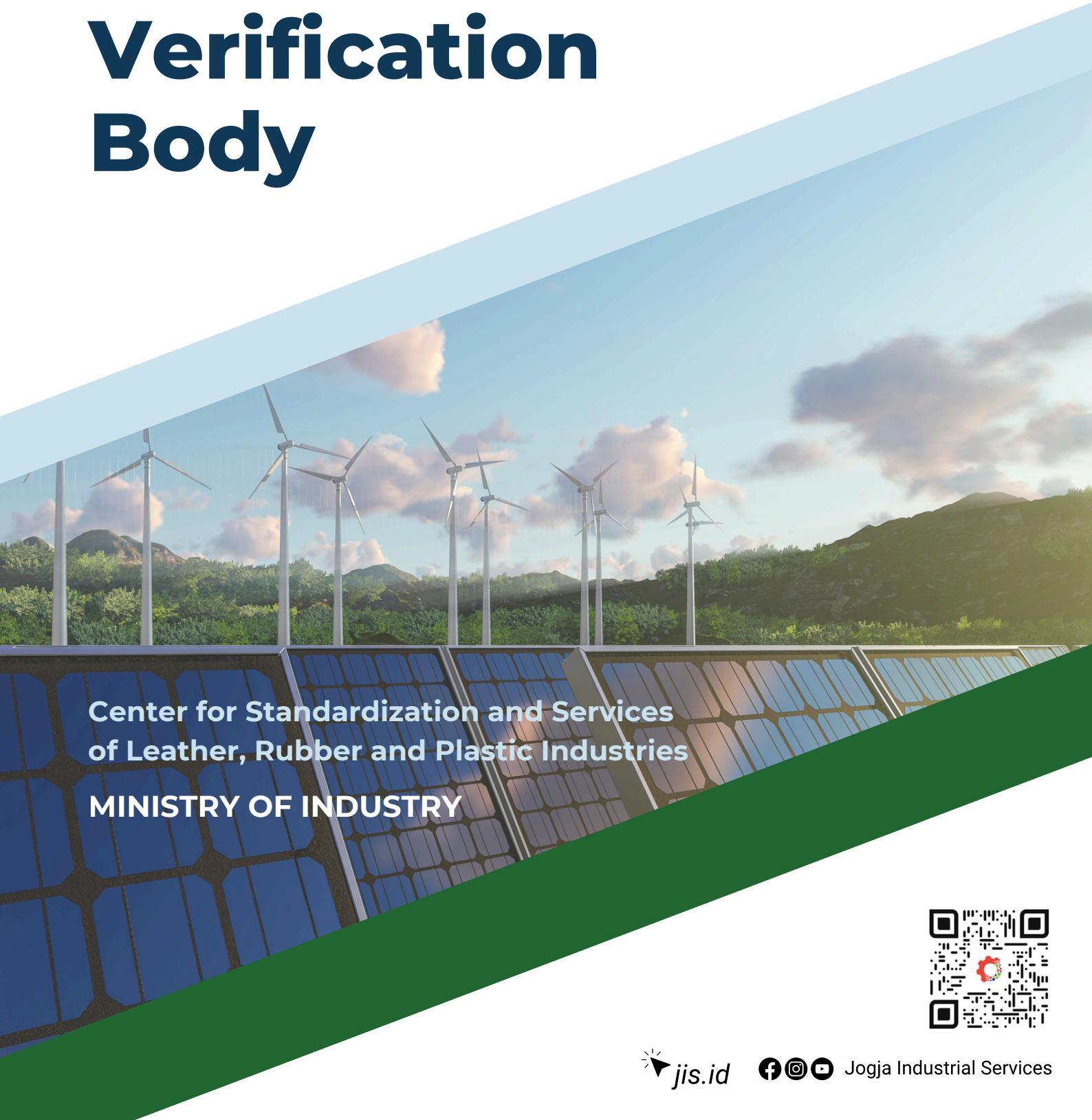




Greenhouse Gas Validation and Verification Body



Center for Standardization and Services
of Leather, Rubber and Plastic Industries

MINISTRY OF INDUSTRY



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Background

FOUR MAIN FINDINGS

- Human activities contribute significantly to global warming
- Carbon dioxide (CO₂) levels have reached the highest point in the past 800,000 years
- Sea levels continue to rise faster than records from the past 40 years
- In the past two decades, ice sheets in Greenland and Antarctica, as well as glaciers, have melted and spread across several regions

INDONESIA'S COMMITMENT

- Indonesia ranks 4th as the country most responsible for climate change, after the USA, China, and Russia
- The most dominant sector contributing to carbon emissions is the energy sector (73.2%), which also supports the industrial sector





“

The government is committed to reducing GHG emissions by 29% to 41% by 2030 compared to the baseline. ”

Points in Presidential Regulation No. 98 of 2021

ENDC TARGET

Indonesia's ENDC target is a 31.89% GHG emission reduction (Business as Usual) and 43.20% with international support.

POLICY STRATEGY

Market-Based Instruments are one of the government's innovative policies to reduce GHG emissions.

LAW ENFORCEMENT

Minister of Environment and Forestry Regulation No. P.73/2017 on GHG Inventory Implementation and Reporting.

ENGAGEMENTS

The industrial sector must report GHG inventories at least once a year.

REQUIREMENTS

Accurate, complete, and credible GHG emission inventory and calculation data are needed.

SOLUTION

Verification/validation efforts are required from independent, competent, and certified third parties.

How can we be part
of the SOLUTION,
not the problem?



About Us

④ VVB BBKKP

Validation & Verification Body BBKKP (VVB BBKKP) is under BBSPJIKKP, conducting conformity assessments through validation/verification activities based on ISO 17029 and ISO 14065 standards. LVV BBKKP is accredited by National Accreditation Body of Indonesia

VVB BBKKP has no relationship with any consultancy organizations, and will take action if such conflicts are found.

④ Activity

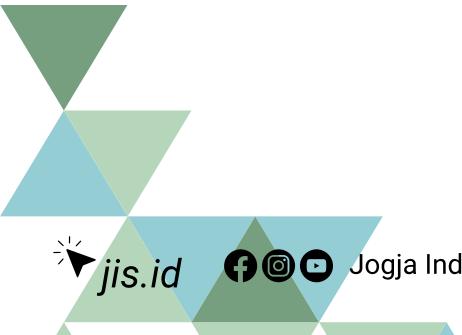
Verification: the process of evaluating historical data/statements to determine whether GHG emission/removal statements are materially correct and meet criteria.

Validation: the process of evaluating assumptions, boundaries, and methods supporting GHG statements on the results of future activities.



Benefits of GHG Verification Validation

- ➡ Prove to stakeholders that a company's carbon footprint is compliant, transparent, credible, and reliable.
- ➡ Ensure internal management reporting is always accurate, relevant, and consistent.
- ➡ Expand business opportunities by differentiating from competitors while improving bargaining position.
- ➡ Reduce penalty/fine costs due to non-compliant reporting.
- ➡ Reduce the risk of losing business reputation by reporting reliable and trustworthy data.
- ➡ Attract new investments by demonstrating integrity in reporting systems, controls, and GHG data.
- ➡ Avoid costly carbon offset credits and achieve carbon neutrality best practices through efficient emission reduction programs.



Scope of Services



④ Organizational Verification

SNI ISO 14064-1:2018

Industries

- General Manufacturing (Physical or Chemical Transformation of Materials or Substances into new Products) (01.01.02)
- Waste Handling and Disposal (01.01.11)
- General (selain Cluster 1 s.d 3) (01.01.13) 1

④ Project Verification

SNI ISO 14064-2:2019

Industries

- Manufacturing Industries (01.02.04)
- Waste Handling and Disposal (01.02.14)

④ Project Validation

SNI ISO 14064-2:2019

Industries

- Manufacturing Industries (02.02.07)
- Waste Handling and Disposal (02.02.14)

④ Carbon Economic Value (CEV)

Industries

- a. Verification of Emission Reports
 - Combustion of Fossil Fuels (01.01)
- b. Validation of Mitigation Action Plan Documents
 - Manufacturing Industries (02.04)
 - Chemical Industries (02.05)
 - Chemical Production (02.08)
 - Waste Handling and Disposal (02.14)
 - Energy Industries (Renewable/Non-Renewable) (02.01)
- c. Verification of Mitigation Action Achievement Reports
 - Manufacturing Industries (03.04)
 - Chemical Industry (03.05)
 - Chemical Production (03.08)
 - Waste Handling and Disposal (03.14)
 - Energy Industries (Renewable/Non-Renewable) (03.01)

Resources & Accreditation



8 Competent
Verifiers
Validators

Akreditasi
Accredited by
National
Accreditation
Body of
Indonesia

Experienced &
Trusted

Continuous
Improvement

Our Experience

→ PT Kahayan Berseri - Crumb Rubber Industry

GHG organizational-level verification

PT Kahayan Berseri, Central Kalimantan

July 4–5, 2023



→ PT Sugar Labinta - Refined Sugar Industry

GHG organizational-level verification

PT Sugar Labinta, Lampung

Aug 7–8, 2024



→ PT Bintang Gasing Persada - Crumb Rubber Industry

GHG organizational-level verification

PT Bintang Gasing Persada, South Sumatra

Aug 20–21, 2024

facilitated by Green Industry Center Mol

→ KMK Group - Footwear Industry

GHG organizational-level verification at 3 companies KMK Group (PT KMK Global Sport (Banten), PT Shoenary Javanesia (Central Java) and PT Selalu Cinta Indonesia (Central Java)

Aug 20–28, 2024

facilitated by Green Industry Center Mol



→ PT Petrokimia Gresik - Petrochemical Industry

Validation of Mitigation Action Plan Documents and Verification of Mitigation Action Achievement Reports

PT Petrokimia Gresik, East Java

Sep 6 and Sep 24–25, 2024

facilitated by Green Industry Center Mol



Contact Us



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