CT-IN-001 — Industrial Energy Efficiency

origo_id	CT-IN-001
origo_label	Industrial Energy Efficiency
sector	IN
source	origo
cpi_aligned	Y — CPI GLCF tracks energy efficiency investment
eu_taxonomy_aligned	Y
cbi_eligible	Y
iea_aligned	Y — IEA ETCS covers industrial energy efficiency
col_gf_sector	industry
col_gf_activity	Eficiencia energetica industrial y gestion de la energia
col_gf_aligned	Y
col_ndc2030_aligned	Y
col_sisclima_relevant	Y
col_ley2169	Y
latam_colombia	Y
cth_clp_coverage	Y
cth_data_coverage	Y
schema_version	1.1
last_updated	2026-05-27

Description

Technologies and processes for reducing energy consumption per unit of industrial output. Includes waste heat recovery, high-efficiency motors, industrial process optimization, cogeneration/CHP systems, energy management systems (ISO 50001), and electrification of industrial heating.

Colombia Context

PROURE (Programa de Uso Racional y Eficiente de Energia y Fuentes No Convencionales) is Colombia's national energy efficiency program managed by MinMinas and UPME. CONPES 4075 (Politica Nacional de Eficiencia Energetica) established efficiency targets for industrial sectors. Large industrial emitters (cement, steel, glass, chemicals) are subject to reporting under Colombia's GHG registry. Ley 2099 de 2021 promotes energy efficiency as part of the energy transition. UPME tracks industrial energy intensity metrics and sets sectoral benchmarks. MinAmbiente's sectoral mitigation plans under SISCLIMA include industrial efficiency.

EUDR Relevance

No direct EUDR relevance. Industrial energy efficiency does not intersect with commodity supply chain traceability or deforestation monitoring.

CTH Data Coverage

Good CTH coverage. Sustenttia diagnostics include energy efficiency metrics for industrial clients. CLP cohort has included energy efficiency startups. CTH Research tracks industrial decarbonisation policy and investment flows in LATAM. REIN Hub maps energy efficiency service providers.

Green Finance Alignment

Strong green finance alignment across all frameworks. TVC explicitly covers industrial energy efficiency. CBI certifies energy efficiency investments under its buildings and industry criteria. EU Taxonomy includes industrial efficiency activities. IEA ETCS prioritizes industrial energy efficiency as a key decarbonisation pathway. CPI GLCF tracks energy efficiency as a major climate finance category globally.


```
{
  "origo_id": "CT-IN-001",
  "origo_label": "Industrial Energy Efficiency",
  "sector": "IN",
  "source": "origo",
  "schema_version": "1.1",
  "last_updated": "2026-05-27",
  "taxonomy_alignments": {
    "cpi_aligned": "Y — CPI GLCF tracks energy efficiency investment",
    "eu_taxonomy_aligned": "Y",
    "cbi_eligible": "Y",
    "iea_aligned": "Y — IEA ETCS covers industrial energy efficiency"
  },
  "colombia": {
    "col_gf_sector": "industry",
    "col_gf_activity": "Eficiencia energetica industrial y gestion de la energia",
    "col_gf_aligned": "Y",
    "col_ndc2030_aligned": "Y",
    "col_sisclima_relevant": "Y",
    "col_ley2169": "Y"
  },
  "cth": {
    "clp_coverage": "Y",
    "data_coverage": "Y"
  }
}
```


Revisión #1
Creado 2026-05-27 05:09:13 UTC por Gideon Blaauw
Actualizado 2026-05-27 05:09:13 UTC por Gideon Blaauw