



CARBON
OFFSET
CERTIFICATION

Carbon Offset Certification

www.carbonoffsetcertification.com

In partnership with
Bureau Veritas



Carbon Offset Certification for Commodity, Product, Service

The first independent certification standard for carbon-neutral commodity transactions, products and services



Standardisation, Verification, Transparency for credible environmental claims

A certification protocol for 3 labels based on:

- Recognized standards for GHG emissions reporting
- Third-party verification
- High quality offset criteria

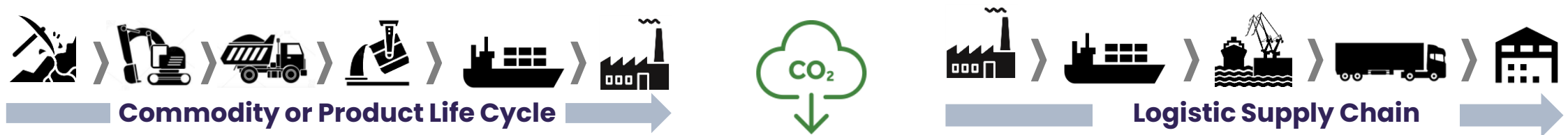
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- Carbon Offset Certification protocol has been developed with NGOs and independent experts (SGS, KPMG, OGCI, etc...) and is available on COC website: www.carbonoffsetcertification.com
 - Carbon Offset Certification is developed **in partnership with Bureau Veritas**, global verification and certification services provider in the commodity and shipping industry. www.bureauveritas.com



Context in a global journey to Net Zero

Growing demand for 'green' commodities, products and services...

Where commodity, product life cycle's or service's carbon footprint has been calculated and compensated.



- Driven by:
- ✓ End-buyers targeting Net Zero in procurement
 - ✓ Regulatory, public and shareholders' pressure to tackle climate change
 - ✓ Banks and financiers' financing terms based on environmental criteria

Initiatives are developed by industry stakeholders themselves to develop 'green' solutions, but they often suffer a lack of credibility due to weak transparency, independency and verification with risk to generate criticism and backlash.

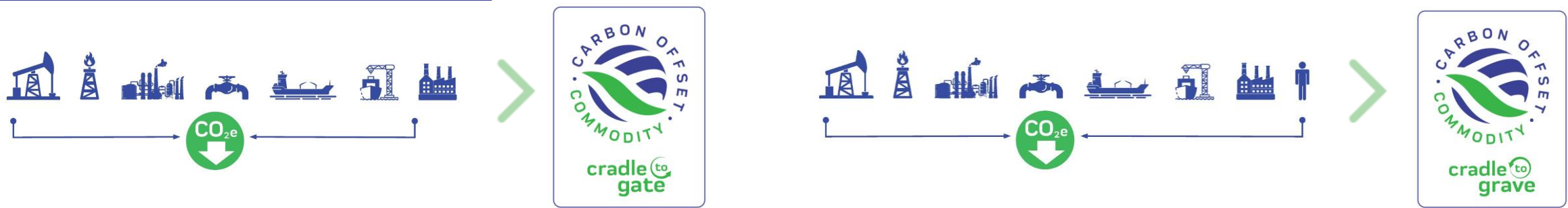
“ Many companies are gearing towards net zero ambitions. Being able to provide carbon neutral LNG to customers will create a competitive advantage over time.”

Rogier Beaumont, Head Global LNG and Environmental Solutions, Pavilion Energy

3 third-party labels based on a robust certification protocol

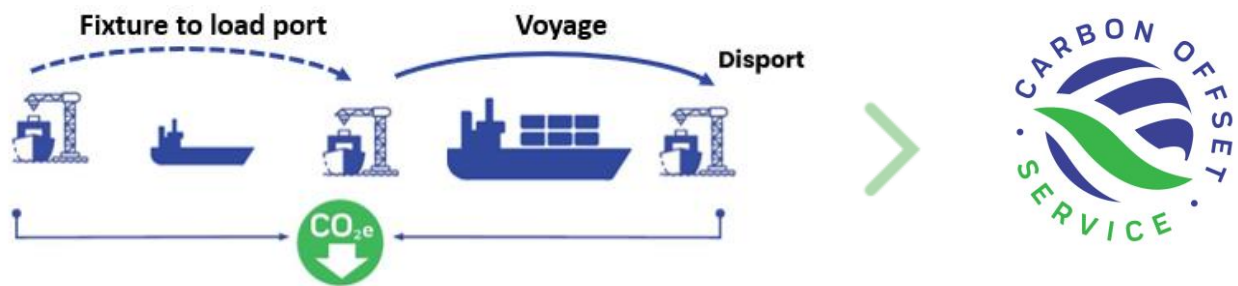
1. Carbon Offset Commodity

Cradle-to-Gate or Cradle-to-Grave



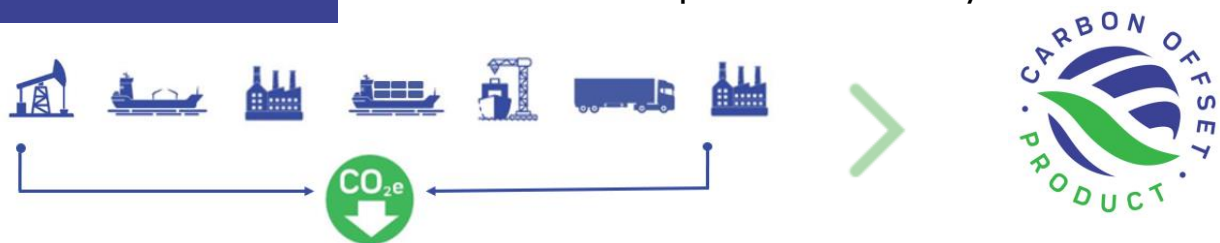
2. Carbon Offset Service

E.g. shipping solutions



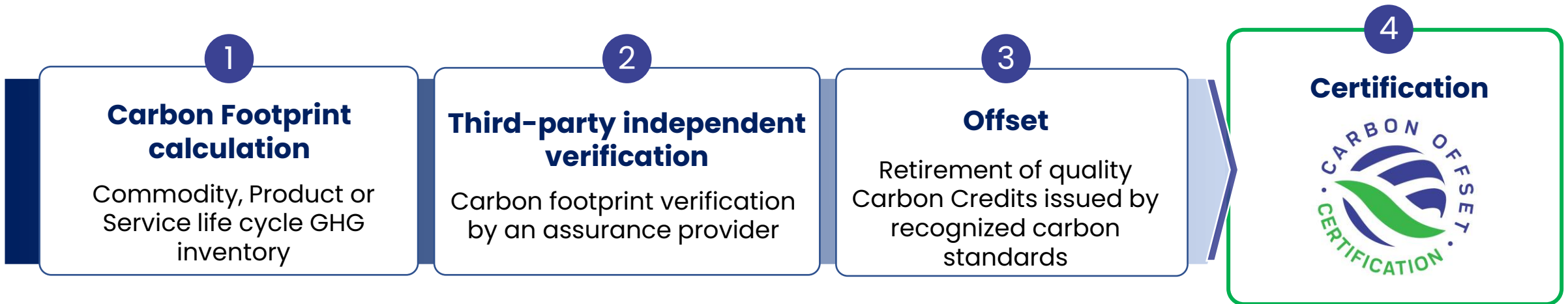
3. Carbon Offset Product

Cradle-to-Shelf product's life-cycle



Certification based on a transparent protocol

Carbon Offset Certification is the first publicly available certification protocol for carbon neutral commodity transactions (cradle-to-gate or cradle-to-grave), products (cradle-to-shelf) or services with clear **separation of roles for credible environmental claims**:



Carbon Offset Certification protocol is based on reference standards for each step of the certification process:

PAS2050, PAS2060, ISO14064,
GHG Protocol, OGMP 2.0

ISO14025, PAS2050, PAS2060,
ISO14064, ISO14069

GoldStandard, Verra, American
Carbon Registry, etc.

ISO14025, BS45011,
ISO17021

Carbon Offset Certification protocol is publicly available on [Carbon Offset Certification website](#)

Certification Benefits



First certification standard for credible environmental claims to:



- ✓ **Develop business opportunities:** Win new business via successful differentiation on climate terms.
- ✓ **Communicate to shareholders and partners** with a credible third-party certification.
- ✓ **Be eligible to access sustainable funding:** from banks and funds setting environmental criteria in condition for funding.

Carbon Offset Certification is member of the United Global Compact initiative and contributes to sustainable low carbon supply-chains and net-zero emission corporate strategies.



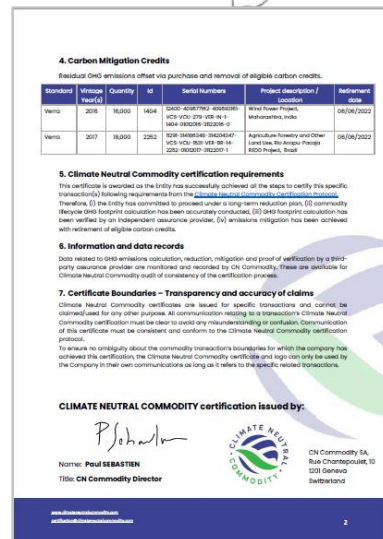
Examples of issued certificates

1. Carbon Offset Commodity : crude oil transaction

Clients: **Socar Trading & China Petroleum Corporation**

1,050,000 bbl Azeri Crude Oil

Production: Azerbaijan, Delivery: Taiwan

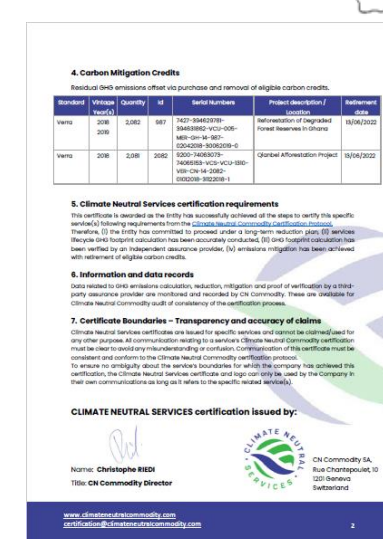
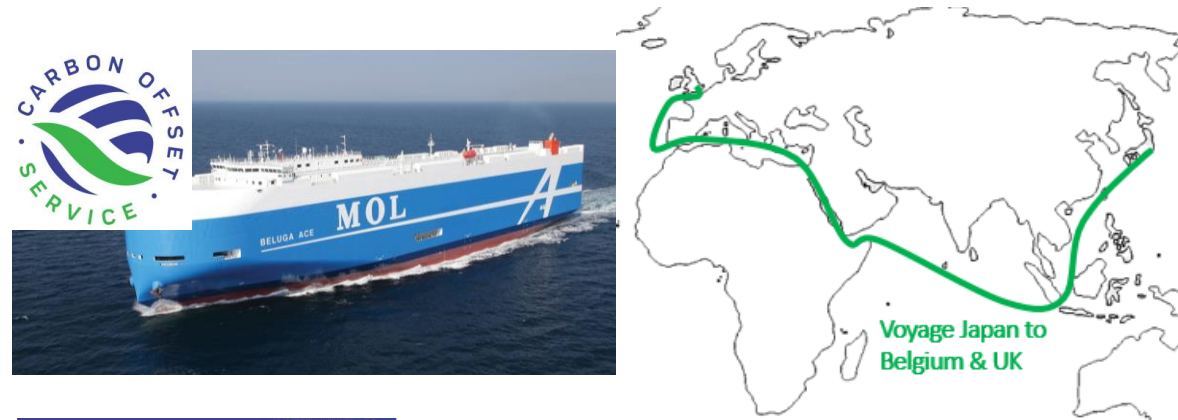


2. Carbon Offset Service: shipping solution

Client: **Mitsui O.S.K. Lines**

Ro-Ro vessel Beluga ACE

Voyage: Japan - Europe



Advisory & Support in a journey to climate neutrality

Companies are at different phases in their journey to decarbonisation. Some need support to apprehend complex notions and start action to measure, report, reduce and offset carbon footprint of their activities.

COC offers advisory and 'one-stop-shop' solutions, based on COC team's expertise and expert partners:

- ✓ GHG emissions calculation & reporting
- ✓ Carbon offset strategy
- ✓ Carbon reduction project development
- ✓ Voluntary Carbon Market access

Strategic partnerships with:



Member from:



United Nations
Global Compact

In a BCG survey of **125 companies that rely on shipping**, **71% of respondents said they would pay a premium for carbon-neutral shipping**, and 63% of respondents expected they would be more willing to pay a premium within the next five years.

Management



Paul Sébastien



Christophe Riedi



Geir Robinson

Advisory Board



Alessandro Sanos
Refinitiv



Federica Strumia-Michelini
Neste Trading



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Université de Genève



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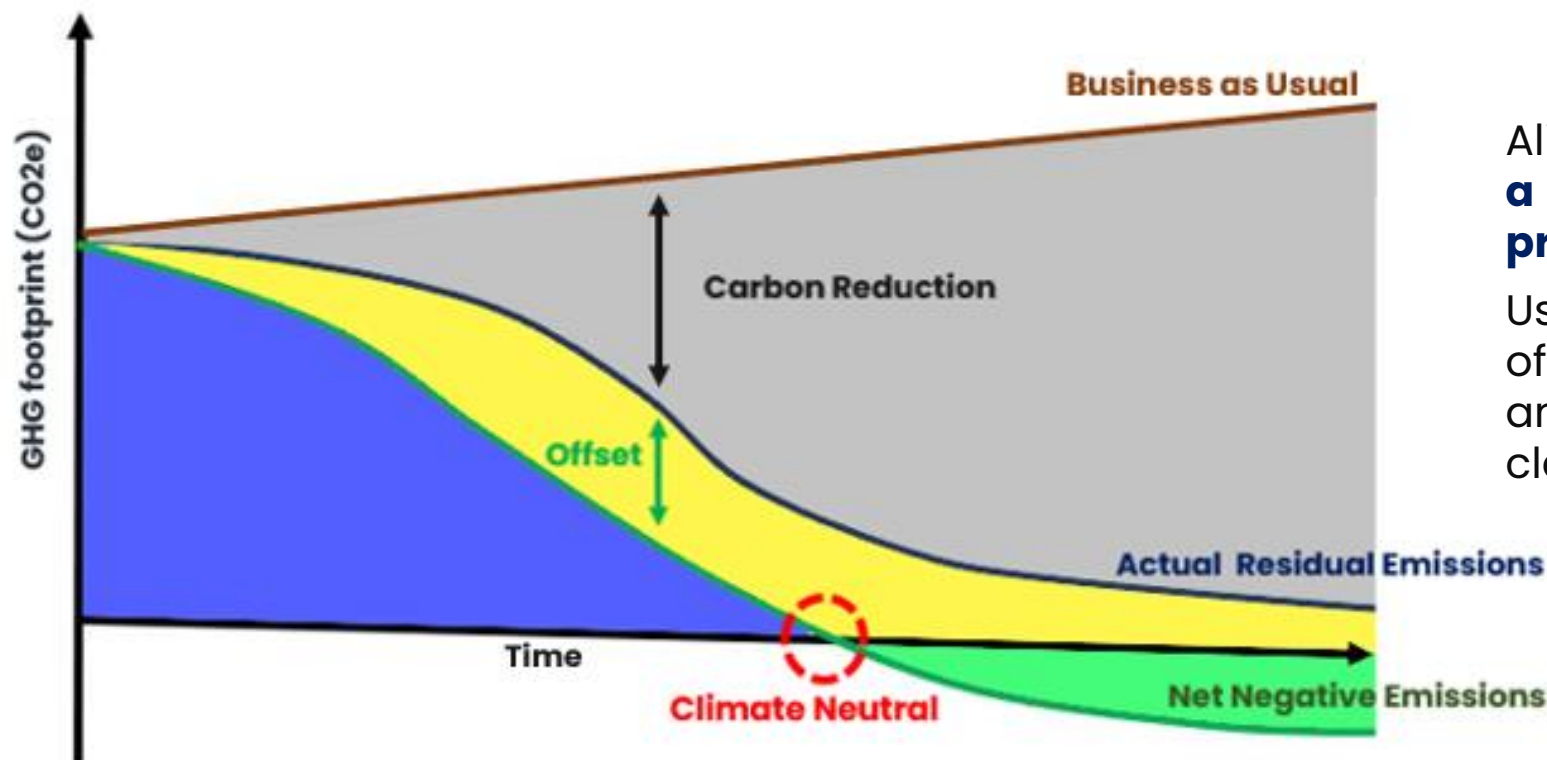


Olivier Thyssen
BCGE



Laurent Gonelle
Sunco Broker

Annex 1: Offsetting to neutralize residual emissions within a Reduction Plan



Aligned with the Paris Agreement, **a robust reduction plan should be the priority** to reach Net Zero objective.

Using quality carbon credits for carbon offsetting is the only solution to mitigate and neutralize residual emissions and claim for climate neutrality.

WWF: “Carbon credit purchases should only be made in addition to such a reduction strategy.”

Carbon Disclosure Project (CDP): “Offsetting is increasingly a means for ambitious companies to demonstrate further commitment to climate change, playing a part in our wider efforts to urgently manage our impacts and supporting our ability to achieve net zero in time.”



Annex 2: Certification process: How does it work?

Certification Process:

- 1 **Identify commodity transaction, product or service** for which the Carbon Offset Certification should apply.
- 2 **Calculate GHG emissions:** This can be done by the company itself or a third party expert in carbon footprint calculation.
COC can introduce the company to expert carbon footprint calculation service providers.
- 3 **GHG report verification & third party assurance** of the GHG calculation process.
Shall be done by a recognised verification body.
CNC recommends Bureau Veritas, COC strategic partner.
- 4 **Offset:** Acquire and cancel eligible carbon credits (cancellation to avoid double use)
COC can explain carbon markets principles and introduce the company to carbon markets access providers.
- 5 Issuance of **Carbon Offset Commodity, Carbon Offset Product** or **Carbon Offset Service certificate**.
- 6 **Communicate** certification to partners.

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Carbon Offset Certification is a brand of CN Commodity SA