



CARBON
OFFSET
CERTIFICATION

CARBON OFFSET CERTIFICATION



www.carbonoffsetcertification.com

In partnership with
Bureau Veritas



BUREAU
VERITAS

Carbon Offset Certification

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



Standardization, 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

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

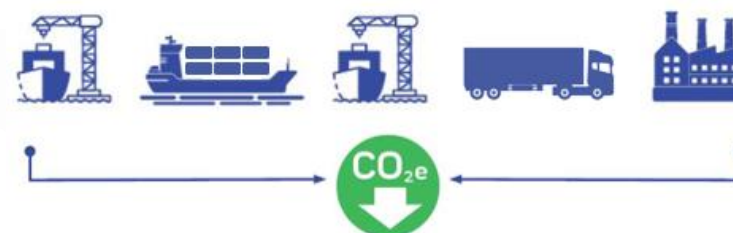
Growing demand for 'green' commodities, products and services...

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

Commodity or product life-cycle



Logistic solutions



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

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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

1 certification standard - 3 labels

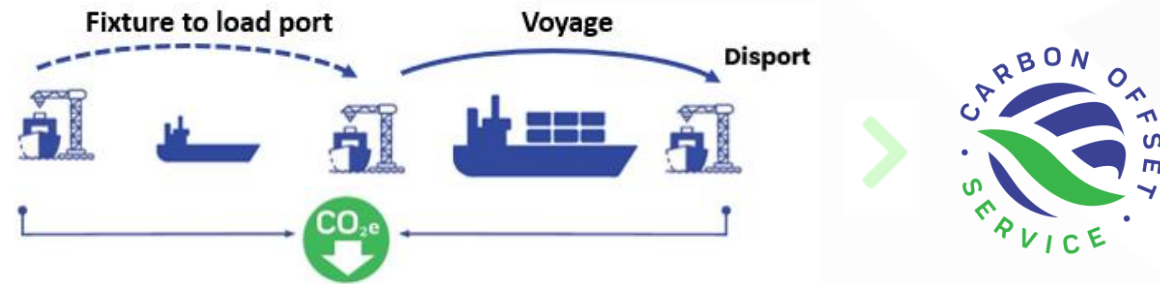
1. Carbon Offset Commodity

Cradle-to-Gate or Cradle-to-Grave



2. Carbon Offset Service

e.g. maritime or aviation solutions



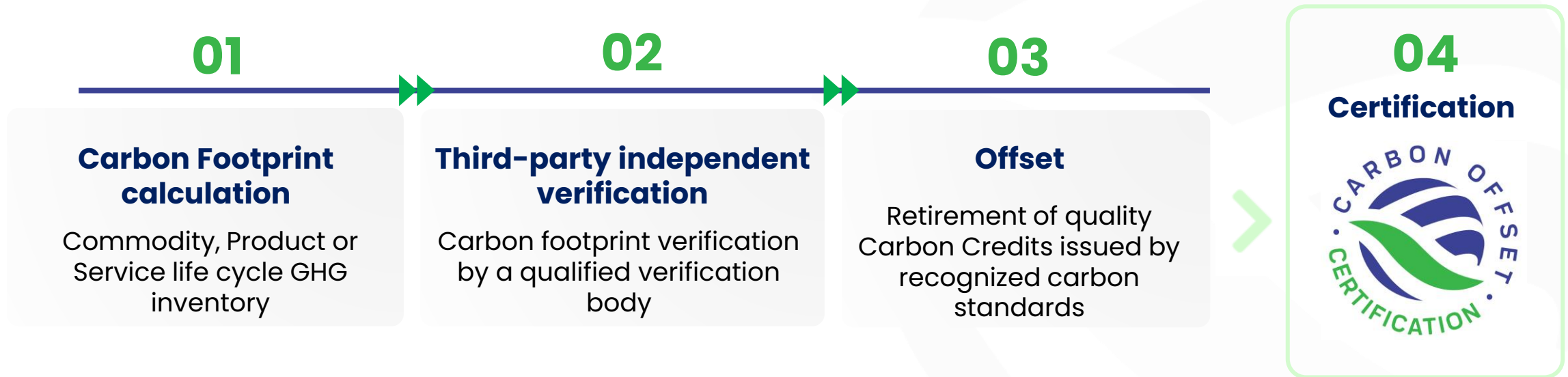
3. Carbon Offset Product

Cradle-to-Shelf product's life-cycle



Certification based on a transparent & robust 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 and is aligned with CORSIA standard :

PAS2050, PAS2060, ISO14064,
GHG Protocol, OGMP 2.0

ISO14025, PAS2050, PAS2060,
ISO14064, ISO14069, ISO14083

Gold Standard, 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** 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 - issued certificates

Carbon Offset Service shipping solutions

Client : Mitsui O.S.K. Lines

Vessels voyages (Japan-UK, US-UK, Australia-Japan)



Carbon Offset Commodity crude oil transaction

Clients : Socar Trading & China Petroleum Corporation

1,050,000 bbl Crude Oil

Production: Azerbaijan, Delivery: Taiwan



Carbon Offset Service Certificate
Post-Transaction certificate

Certificate number: **CNS 2-22040001**
Issuance date: **10/06/2022**
Beneficiary Entity (ies): **Mitsui O.S.K. Lines**

1. Service(s) Description:

Service(s)	Car Carrier voyage from Japan to Europe
Vessel Name (s)	Beluga Ace (IMO: 9777022)
Origin/Port	Yokohama / Rotterdam / Antwerp / Singapore
Destination/Port	Rotterdam / Antwerp / Singapore / Japan
End of voyage date	29/05/2022
Beneficiary of the Service	Mitsui O.S.K. Lines

Description:
Mitsui O.S.K. Lines operated Beluga Ace (IMO: 9777022) vessel (Car Carrier) from Japan to Europe voyage first loading 05/05/2022 - last delivery 29/05/2022.
• Loading ports: Yokohama, Japan - Rotterdam, Antwerp, Singapore
• Delivery ports: Rotterdam, Antwerp, Singapore - Japan

2. Carbon Footprint: 4,163 tCO₂e

3. Third-Party Assurance Provider: Bureau Veritas France
Net emissions calculation has been verified by this independent assurance provider.

Post-Transaction certificate: Climate Neutral Commodity certification issued for completed transaction(s) based on actual data.

www.climate-neutral-commodity.com
certification@climate-neutral-commodity.com

4. Carbon Mitigation Credits
Residual net emissions offset via purchase and removal of eligible carbon credits.


Standard	Vintage	Quantity	Unit	Serial Numbers	Project description /	Reference
Verra	2018	2,062	tCO ₂ e	7421-20422070- 2460000-1000000- MBO-CH-46-1000- 1000000-1000000-0	Reforestation of Degraded Forest Reserves in China	10/06/2022
Verra	2018	2,081	tCO ₂ e	1000-74230070- 1000000-1000000- 1000-CH-46-2000- 1000000-1000000-0	Climate Afforestation Project	10/06/2022


5. Climate Neutral Services certification requirements
This certificate is issued as the entity has successfully achieved all of the steps to verify this specific service(s) following requirements from the Climate Neutral Commodity Certification process. Therefore, (i) the entity has committed to proceed under a long-term reduction plan, (ii) service(s) and footprint calculation has been accurately conducted, (iii) and footprint calculation has been verified by an independent assurance provider, (iv) emissions mitigation has been achieved with retirement of eligible carbon credits.

6. Information and data records
Data related to net emissions calculation, reduction, mitigation and proof of verification via a third-party assurance provider are monitored and recorded by CN Commodity. These are available for Climate Neutral Commodity audit of consistency of the registration process.

7. Certificate Boundaries - Transparency and accuracy of claims
Climate Neutral Services certificate are issued for specific services and cannot be claimed used for any other purposes. All communication must be accurate. Climate Neutral Commodity certification must be clear to avoid any misunderstanding or confusion. Confirmation of this certificate must be consistent and confirm to the climate neutral commodity certification process. To ensure no ambiguity about the service boundaries for which the company has achieved this certificate, the Climate Neutral Service certificate and logo can only be used by the Company in their own communications as long as it refers to the specific related service(s).

CLIMATE NEUTRAL SERVICES certification issued by:


Name: **Christophe REDI**
Title: **CN Commodity Director**


CN Commodity SA,
Rue Chantepouppe, 10
1201 Geneva
Switzerland

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Carbon Offset Service Jet flights

Client : Five Global Holding

One year jet flights (600 hours)



Certification process: How does it work?

1

Identify the Commodity, Service, or Product 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 GHG calculation.
Shall be done by a recognised verification body.
CNC recommends Bureau Veritas, COC strategic partner.

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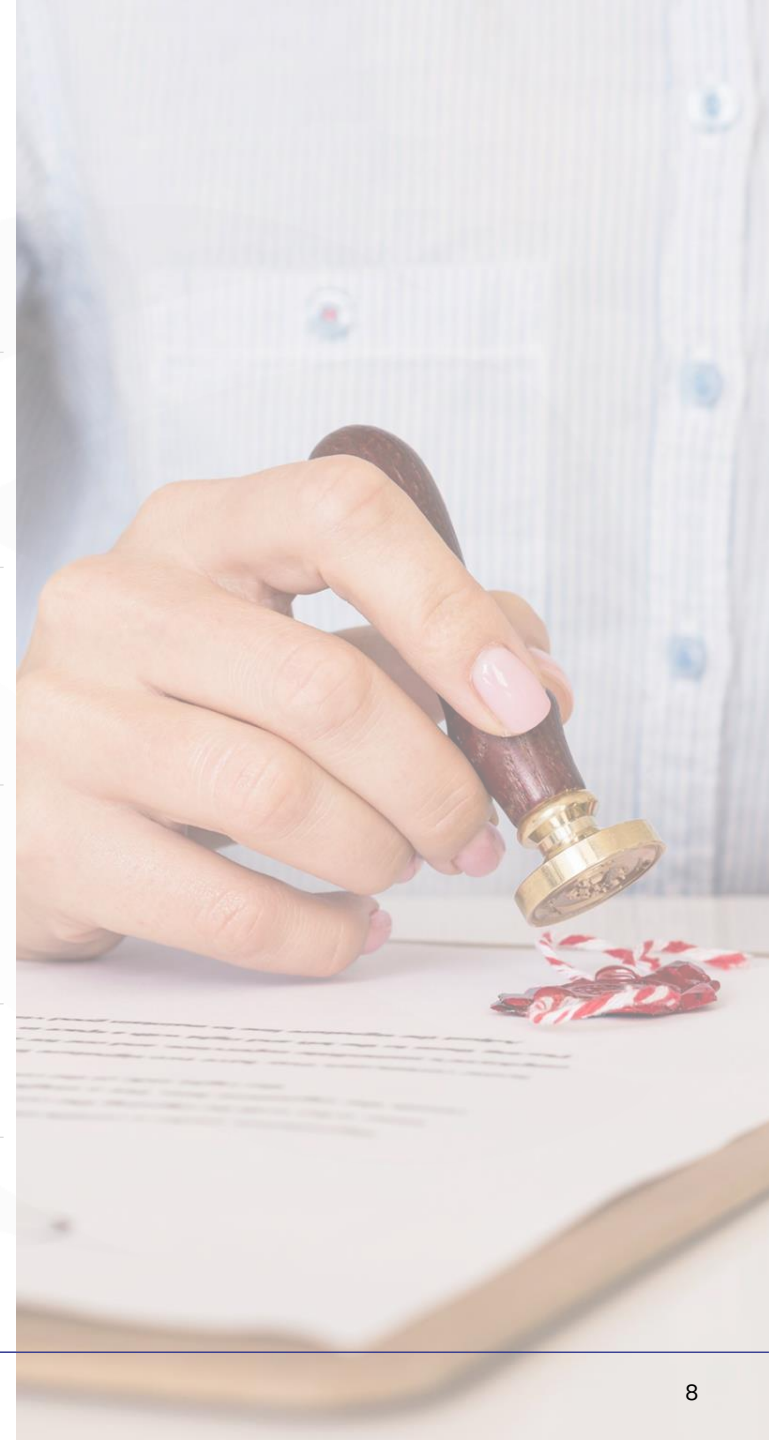
Offset: Acquire and retire eligible carbon credits.
COC can explain carbon markets principles and introduce the company to carbon markets access providers.

5

Carbon Offset Certification certificate issuance.

6

Communicate certification to clients and partners.



Advisory & Support in a journey to climate neutrality

Companies are at different phases in their journey towards decarbonisation. Some need support to 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 reduction project development
- ✓ Voluntary Carbon Market access
- ✓ Carbon offset strategy

In partnership with



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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.

Boston Consulting Group



Management



Paul Sébastien



Christophe Riedi



Geir Robinson

Advisory Board



Alessandro Sanos
Refinitiv



Federica Strumia-
Michelini
Neste Trading



Giacomo Luciani
Université de Genève



Francesca Cerchia
SGS



Jean Laville
**Swiss Sustainable
Finance**



Taghi Taghi-Zada
Socar Trading



Julien Perez
OGCI



Natalia Gorina
Louis Dreyfus C.



Michael Mathres
Fund Nature



Olena Isaeiva
KPMG



Fred Heren
Independent



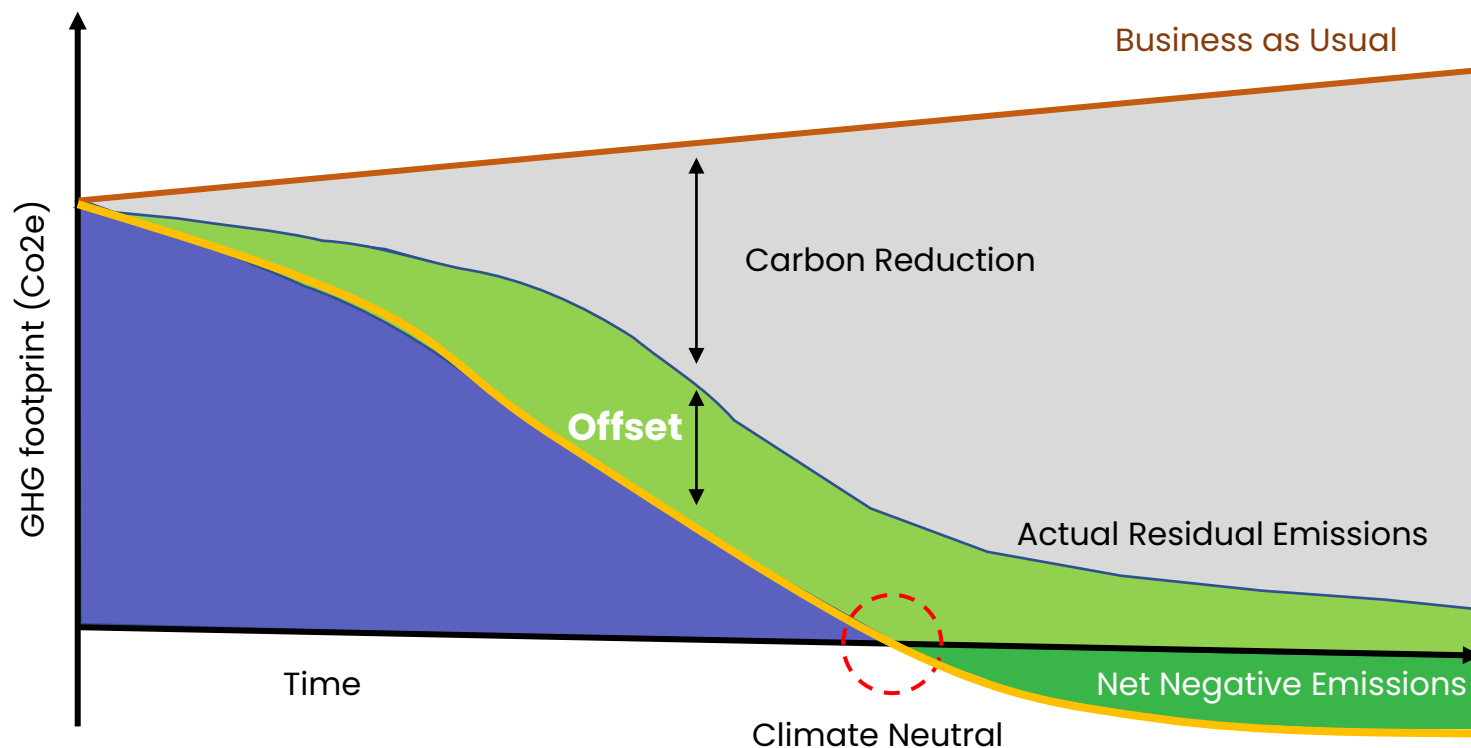
Olivier Thyssen
BCGE



Laurent Gonelle
Sunco



Offsetting: to neutralize residual emissions within a Reduction Plan



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.

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.

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Carbon Offset Certification is a brand of CN Commodity SA