Introduction

The Cabon Offset Certification Portal (also referred to as *COC Portal*) is a digitalized platform for automated certification of Carbon Offset Certification for commodities, products, or services. The COC Portal is a workflow management solution to standardize the exchange of information between parties (clients, verification body, COC).

Glossary

Applicant: Private or State-owned entities that are applying for Carbon Offset Certification certificates/labels.

Carbon Footprint Calculation: A complete and accurate account of the GHG emissions of the commodity, product or service's life-cycle. Products and services under the COC label application process are required to present accurate GHG/carbon footprint equivalent calculations in the *Carbon Footprint Calculation* step (detailed below) in accordance with the COC Protocol.

Carbon Footprint Verification: A complete and accurate verification of the GHG emissions of a commodity, product or service's life-cycle. Products and services under the COC label application are required to present an accurate third-party verification of the GHG/Carbon footprint equivalent calculation. Such verification must be uploaded in the *Carbon Footprint Verification* step (detailed below) in accordance with the COC Protocol.

Carbon Market Access: Service providers offer market access to carbon credit offers varying in type, amount and geography, among other characteristics. Carbon Offset Certification works with multiple carbon market access providers.

Carbon Offset Certification: The first independent certification standard for carbon offset

commodity transactions, products and services.

Carbon Offset Commodity: natural resources or raw materials with a clear distinction between certification for 'cradle-to-gate' and 'cradle-to-grave' transactions.

Carbon Offset Product: semi-final or final products (cradle-to-shelf).

Carbon Credit: A transactable, intangible environmental instrument representing a unit of carbon dioxide equivalent (CO2e) created either by regulatory schemes promoted by governments or by projects which are validated to a recognised carbon standard. Carbon credits are typically ultimately used to compensate for or neutralise unabated emissions occurring elsewhere by retiring or cancelling them in a registry.

Carbon Credit Retirement: Proof of GHG footprint offset through carbon credit retirements. Applicants must upload all carbon credit transactions and retirements related to the product or service application under the *Carbon Credit Retirement* step (detailed below) in accordance with the COC Protocol.

Carbon Offset Service: services and logistics solutions (e.g. shipping, aviation solutions).

Cradle-to-gate / Cradle-to-shelf: A defined boundary for a product/transaction life cycle analysis from extraction and processing of raw materials, manufacturing, storage and distribution to the first customer and excludes the use of product and end-of-life stages. For each process phase, all direct emissions (scope 1) and energy use (scope 2) must be accounted for and reported.

Cradle-to-grave: A defined boundary for a product/transaction life cycle analysis from extraction and processing of raw materials, manufacturing, storage, and distribution to the end use of the material. For each process phase, all direct emissions (scope 1) and energy use (scope 2) must be accounted for and reported.

Measurement, reporting and verification (MRV): Service providers offer MRV solutions (measurement, reporting and verification of a product or service GHG footprint) to entities wishing to quantify its GHG footprint. Carbon Offset Certification works with multiple MRV providers.

Partner: Private or State-owned entities that are partners of Carbon Offset Certification, offering services related to GHG footprint accounting, verification and carbon markets access.

Verification Body (VB): A verification body determines whether the GHG footprint meets all the requirements of the Carbon Offset Certification Protocol. The VB also verifies that all the outcomes of the documentation provided by the applicant through internal calculations, or a third party (MRV provider) have been calculated and successfully reached the Carbon Offset Certification Protocol requirements. Carbon Offset Certification works with multiple VBs, however, has a strategic partnership with Bureau Veritas, a global audit and verification services provider with leading expertise in environmental and sustainability standards.

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1. How to create an account on the Carbon Offset Certification Portal (*COC Portal*)

To create an account on the COC Portal, simply click on "**create new account**". You will be redirected to the registration page. Follow the steps:

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Select the Company profile:

- Applicant for COC certification: <u>Click here</u> to apply for a COC Certificate.
- **Partner Service Provider:** <u>Click here</u> for Partner registration (MRV, Verification Body, Carbon Market Access Provider)

	COC Protocol	ET- MAR
Cree	ate an account	
Company Profile Applicant for certification Partner - Service Provider (MRV, Verification Body, Carbon Market Access Provider) 		Next
 Fill in the Company's details: Company Logo Company Name Company Website Company Address Company Description Fill in contact details: First Name Last Name Phone number Email address Password 	Company Marine Company Marine	CONTACT DETAILS First Name Your Jists Name Last Name Marc Last Name Direct Phone Number A02 345 678910 Email Address Email Address Password Cassword Verification

Once you click on "**Submit**", you will receive an email from Carbon Offset Certification to confirm your account (make sure to also check the SPAM folder). Once you click on the link provided, your email will be verified. After verification, you are set to use the COC Portal.

2. How to apply for a COC certificate/label

To apply for a COC certificate, click on the **Application Form** tab at the top of the screen.

The Application Form has simple 5 steps:

Transaction Details:

- Select the type of certificate: **Commodity**, **Product** or **Service**. In case of service, select the type of service (shipping, aviation, other).
- Complete the additional transaction details.

	BON SET KATION	COC Protocol	Application form	Dashboard	Partners			
O Commo	dity 🔿 Product 🔿 Service							
	Appl	lication Forr	m: Carbon C)ffset Cor	nmodity	Y		
• Step 1 Transaction	1/5 Ion(s) to be certified							
1	Commodity							
	Commodity							
	Estimated Commodity Volume / Quantity			Unit				
2	Volume / Quantity			Unit				
	Estimated (First) Transaction(s) Date			Number Of Tr	ansaction(s)			
3	jj/mm/aaaa 🗖			Number				
	Origin (Cradle)			Destination (Gate or Grave	:)		

(2) Carbon footprint calculation

Reply to the following questionnaire with "yes" and "no" answers:

- Is the company able to calculate the carbon footprint of the transaction(s) or portfolio to be certified on its own?
- (If "**No**") Does the company require an independent expert service provider for footprint calculation?
- (if "No") Does the company require the services of a partner to calculate the carbon footprint? (COC Management can introduce independent expert MRV companies)

3) Carbon footprint verification

Reply to the following questionnaire with "yes" and "no" answers:

- Does the company want to be introduced to Bureau Veritas?
- (if "No") Has the company a preference for another Verification Body (VVB)?

4)Carbon market access

Reply the following questionnaire with "yes" and "no" answers:

• Does the company need support in the purchase and retirement of carbon credits?

(5)Confirm the application information.

Please be sure all data is correct. It is essential to reply to all steps with precise information:

	Application	Information		
	iago.machado@offsetcertificatio com	Last Name: First Name:	Machado Thiago	
Company Name:	Carbon Offset Certification - Test 1			
Commodity:	Oil	Boundaries:	Cradle To Grave	
Estimated Commodity Volume/ Quan	tity: 100	Transaction Description:	100 Barrels of Oil	
Unit:	Barrel (bbl)	Able To Calculate Carbon Footprint:	No	
Estimated (First) Transaction(s) Date:	31/10/2023	Has Contracted A MRV (CARBON FOOTPRINT	CALCULATION) ?: No	
Number Of Transaction(s):	10	Does The Company Require Services To Calc	ulate Carbon Footprint?:Yes	
Origin:	Paris, France	Need Introduction To Bureau Veritas?:	No	
Destination (Gate or Grave):	London, England	Has Preference For Another Assurance Provid	ier. No	
Certification:	Pre-Transaction Certification	Need Support To Access Voluntary Carbon M	arkets: Yes	

Once you are done verifying all information, click on the green button "**Send to COC**". The Carbon Offset Certification team will look over the transaction details and accept the request in the shortest time possible.

Once approved, a notification will be sent by email requesting the upload of documents related to the transaction.

3. How to upload my carbon footprint calculation

Once the transaction **Application Form** is approved by the Carbon Offset Certification team, a **"yellow eye icon**" will appear. This indicates that you can now move to the **Carbon Footprint Calculation** step:

É	OFF	BON SET ICATION		COC Protocol Ap	plication form Dashbo	ard Partners 🎹 Y		
				Q Search				
		Current step + Status_	Transaction #	Certificate type	Product	Estimated (First) Tran	Description	Last action date 👙
	0	Pending -Carbon Foo	COC-127223-13	Commodity	Test	27/10/2023	Test	27/10/2023 13:07:18

In the **Carbon Footprint Calculation** step, It is possible to upload documents to justify the carbon footprint calculations done for the particular transaction. To do so, simply drag all related documents into the "**Applicant FileBox**" provided:

	COC Protocol	Application form Dashboard	Partners M	
	CE	RTIFICATION PROCESS		
coc application Partner MRV Service provider nomination Optional	Carbon footprint calculation Verification Body Compulsary	Carbon footprint verification Carbon credits provider Optional	Carbon Credits Retirement	6 COC Certification
Please upload carbon footprint calculation justification for COC review and sharing to your Verification Body.	CARBOI	COC FileBox	<u>۸</u>	•
	Testdocx			
		Back To Dashboard		

Once the document is reviewed and accepted by the Carbon Offset Certification team, a green checkmark icon will appear. The green checkmark indicates that it is possible to move to the next step: "**Carbon Footprint Verification**".

4. How to upload my carbon footprint verification

Once the **Carbon Footprint Calculation** documentation is approved, a "**yellow eye icon**" will appear, indicating that it is now possible to upload documents related to the transaction's **Carbon Footprint Verification**:

			COC Protocol App	lication form Dashboa	d Partners TM Y			
				Q Search				
		Current step + Status	Transaction #	Certificate type	Product	Estimated (First) Tran	Description	Last action date 韋
	0	Pending -Carbon Foo	COC-127223-13	Commodity	Test	27/10/2023	Test	27/10/2023 13:07:18

Similar to the previous step (carbon footprint calculations), the **Carbon Footprint Verification** step allows you to upload documents related to your carbon footprint verification. To do so, simply drag all related documents into the "**Applicant FileBox**" provided. The Verification Body (VVB) can also do this action through the COC Portal:

	COC Proto	col Application form Dashboard I	Partners TM Y	
		CERTIFICATION PROCESS		
coc application Partner MRV Service provider nomination Optional	Carbon footprint calculation Verification Body Compulsary	Carbon footprint verification Carbon credits pro Optional	4 Carbon Credits Retirement	COC Certification
Take the next step to certification. Upload carbon footprint verification report or wait for VV8 verification.	CAR	COC FileBox	á.	
	Test.docx		-	Your carbon footprint verification has been communicated to COC.

Do not forget to reply with the amount of carbon footprint that was verified. After submission, a yellow clock will appear indicating that the COC team will review the information and confirm the VBB for this transaction.

Once approved, you will receive a notification and a green checkmark icon will appear, indicating you can pass to the next step – **Carbon Credits Retirement**:

5. How to upload my carbon credits retirement

The **Carbon Credits Retirement** step allows you to upload documents related to your carbon credits retirement. First, add the amount of total carbon credits you will retire in the retired carbon credits space. Once you are done, you can now move to each carbon credits retirement transaction by clicking on the green button "**Add Line**":

	COC Pro	stocol Application form Dash	board Partners	™ ~	\sim	N.
		CERTIFICATION PROCESS				
CoC application Partner MRV Service provider nomination Optional	Carbon footprint calculation Vertification Body Nominated	Carbon footprint verification Carbon credits p Optional		on Credits Retirement	COC Certific	ation
Transaction Carbon Footprint : 100 TCO2	Retired Carbon (Transaction	CARBON CREDITS RETIREMEN	NT			Add Line +
Standard 🛊 Vintage Year	Quantity ID	Serial Number	Description	Retirement Date	Proof of retirement	
		No records available				

After clicking, you will arrive at the screen below. Now, you can fill in the details of a specific carbon transaction and retirement date.

				×	•
Standard		Vintage Year			
Select an option	~	Select an option V			
Quantity		ID			
Quantity		ID			
Serial Number		Retirement Date			
Serial Number		jj/mm/aaaa 🗖			
Description		Proof Of Retirement			
Description		copy/paste the link to the registry page proving carbon c			
·					
		1 Upload proof			
		** You can only upload one file per retirement			
			_		
		Canc	el Save		
4				h	~

Once you complete the form, click on the green button "**Save**". It is possible to log other carbon credit retirements in case multiple carbon credit retirements were used to offset the transaction registered in the platform. You are always able to edit and erase a specific retirement from the portal. Once you are done, click on the blue button "**send to COC for Validation**".

			COC Protocol	Application form D	ashboard Partners	™ ~	
			CE	RTIFICATION PROCE	SS		
coc application Partner MRV nomination	on / Service provider Optional	Carbon footprint calculation Verificati Nomin		Carbon footprint verification Carbon credit Option	ts provider	con Credits Retirement	5 COC Certification
ransaction Carbon Footp	rint : 100 TCO2	Re 10	tired Carbon Credit	ON CREDITS RETIREN	иент	-	Add Line + Send to COC for Validation
Standard ‡	Vintage Year	Quantity	ID	Serial Number	Description	Retirement Date	Proof of retirement
American Carbon Re	2022	100	123	129000	REDD+	11/09/2023	Test.docx

The COC team will look over the documents and get back to you as soon as possible.

6. How to download my Carbon Offset Certification certificate/label

After the COC team validates all the necessary steps (Carbon Footprint Calculations, Carbon Footprint Verification, Carbon Credits Retirement), you will receive a Carbon Offset Certification Certificate. To download, simply click on the "**pdf icon**" related to the transaction.

E	CAR	BON SET cation		COC Protocol	Application form Dashboard	Partners TM Y		
				Q Search				
		Current step + Status	Transaction #	Certificate type	Product	Estimated (First) Transactio	Description	Last action date 💲
	e,	Completed	COC-127223-13	Commodity	Test	27/10/2023	Test	02/11/2023 10:41:45
	0	Pending -Carbon FootPrint _	COC-131223-15	Commodity	Oil	31/10/2023	100 Barrels of Oil	02/11/2023 10:40:21

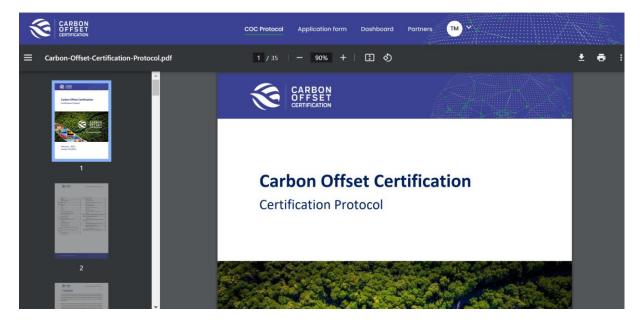
7. Where to find all COC certificate applications: Dashboard

All COC certificate applications are found in the "**Dashboard**" tab on top of the website's ribbon. In the dashboard, you are able to find: Detailed information on each transaction ("**document icon**") ; Current Certification step and status; Transaction #ID number; Type of COC certificate ; Estimated first transaction ; Description ; Last Action date by any user.

É	CAR	BON SET ICATION		COC Protocol Application form Dashboard Partners TM V					
			c) Search					
		Current step + Status	Transaction #	Certificate type	Product	Estimated (First) Tran	Description	Last action date 💲	
	0	Pending -Carbon Credit	COC-127223-13	Commodity	Test	27/10/2023	Test	31/10/2023 12:31:10	
	0	Pending -Carbon FootPr	COC-131223-15	Commodity	Oil	31/10/2023	100 Barrels of Oil	31/10/2023 12:28:25	
	0	Pending -Carbon FootPr	COC-13223-14	Commodity	Test	n/n/nn	test	30/10/2023 18:26:00	
	Ľ,	Completed	COC-125223-12	Product	Test	01/01/1199	te	27/10/2023 14:03:10	
	0	Pending -Carbon FootPr	COC-12223-6	Service	Time Chartering		vervrere	27/10/2023 13:56:10	
	Ľ,	Completed	COC-125223-11	Service	Flight	12/12/1997	Test	25/10/2023 15:09:51	

8. Where to find the COC Protocol

The Carbon Offset Certification Protocol can be found on the "**COC Protocol**" tab. Note that the protocol is constantly updated following the best science-based practices out there. As such, always consult the latest version of the protocol available in the Carbon Offset Certification Portal.



9. Where to find all Carbon Offset Certification Partners

All Carbon Offset Certification Partners can be found under the "**Partners**" tab. There you will be able to find further information on all Carbon Offset Certification partners including MRVs, Verification Bodies, and Carbon Market Access Providers, among others.

		COC Proto	col Application form	Dashboard Partners	™ ~	
+ Invite a company to join 1	he list of partners	Q Searc	:h			
Logo	Company Name 💲	Expertise	Website	Email	Phone Number	Contact Name
(wylog	VVB Wylog modifé	GHG, VVB	www.vvb.com	gotuqyxe@socam.me	00123456789	Romain VVB modifié VV
🔅 Logsipsum	VVD - Test CR	VVB	www.vvbtestcr.fr	criedi@ibj.org	000231	chris Test Riedi

10. [Applicants] How to add Partners or Service Providers to the COC Portal

You can invite any partner or service provider to the platform by clicking on the blue button "Invite a company to join the list of partners".

		COC Proto	ocol Application form	Dashboard Partners	™ ~	
		Q Sear	ch			
 Invite a company to joi Logo 	n the list of partners	Expertise	Website	Email	Phone Number	Contact Name
		Expertise GHG, VVB	Website www.vvb.com	Email gotuqyxe@socam.me	Phone Number 00123456789	Contact Nome Romain VVB modifié VV_

Please fill in the Company's details and expertise (MRV, VVB, Carbon Markets, others). Once you are done, click on the green button "**Send invitation to COC**".

S			\sim		
			a join COC list of partners to offer their services as part of COC ically sent to COC in order to contact your invited partner.		
+ Inv	ite a company to join the list of partr	ers Contact details			
		Company Name	Contact Name		
	Logo C	om Company Name	Contact Name		Contact Name
	(wylog	Email Address	Phone Number	,	Romain VVB modifié VVBmo
	Candind	Email Address	0012 345 678910		Kondin VID modilis VID no
	C Legelpasm	V Company Expertise			chris Test Riedi
		MRV (Carbon Footprint Calculation)			
		□ VVB (Verification Body)			
		Carbon Market Access Provider			
		Other			
			Cancel Send Invitation To COC		

The service provider will automatically receive an email notification requesting to create an account in the portal.

After completing registration and being approved by the Carbon Offset Certification team, your service provider will have access to the portal.

The access to COC Portal allows your service provider to directly exchange documents with the COC team.

11. [MRVs] How to upload the GHG/carbon footprint calculation

In the **Carbon Footprint Calculation** step, it is possible to upload documents to justify the carbon footprint calculations done for the particular transaction. To do so, simply add all related documents into the "**MRV/Applicant FileBox**" provided:

	COC Protocol	Application form Dashboard	Partners M	
	CEF	RTIFICATION PROCESS		
COC application Partner MRV Service provider nomination Optional	Carbon footprint calculation Verification Body Compulsary	Carbon footprint verification Carbon credits provider Optional	Carbon Credits Retirement	COC Certification
	CARBON	FOOTPRINT CALCULATION		
Please upload carbon footprint calculation justification for COC review and sharing to your Verification Body.	Applicant FileBox	COC FileBox	م ۲	0
		Back To Dashboard		

Once the carbon footprint calculation is reviewed and accepted by the Carbon Offset Certification team, a green checkmark icon will appear. The green checkmark indicates that the carbon footprint calculation step was concluded successfully.

12. [Verification Bodies – VBs] How to upload the GHG/carbon footprint verification

To upload the verification report, simply upload all related documents into the "**VVB/Applicant FileBox**" provided:

	COC Protocol Applico	tion form Dashboard Partners	™ ~	
	CERTIFICAT	TION PROCESS		
coc application Partner MRV Service provider nomination Optional		footprint lication Carbon credits provider Optional	Carbon Credits Retirement	5 COC Certification
Take the next step to certification. Upload carbon footprint verification report or wait for VVB verification.	100 T/Co2e VVB/Applicant FileBox	COC FileBox	Å	Your carbon footprint verification has been communicated to COC.

Do not forget to reply with the amount of carbon footprint that was verified. After submission, a yellow clock will appear indicating that the COC team will review the information and confirm the VBB for this transaction.

Once approved, you will receive a notification and a green checkmark icon will appear, indicating that the **carbon footprint verification** step was completed.

13. How to upload carbon credits transactions

The **Carbon Credits Retirement** step allows you to upload documents related to all carbon credits transactions and retirement. First, add the amount of total carbon credits transacted and retired in the "**retired carbon credits**" space. After that, add each carbon credits transaction and retirement by clicking on the green button "**Add Line**":

CARBON OFFSET CENTREATION		COC Protocol Application form	Dashboard Partr	hers M	~_ \ /	H.
		CERTIFICATION PRO	OCESS			
		⊘			6	
COC	Carbon footprint calculation	Carbon footprint verification		Carbon Credits Retirement	COC Certific	ation
Partner MRV Service provider nomination Optional	Verification Bod Nominated		redits provider			
		CARBON CREDITS RET	REMENT			
saction Carbon Footprint : 100 TCO2	Retired C	Carbon Credits :				
		lon				Add
						Add
Standard 😄 Vintage Year	Quantity	ID Serial Number	Description	Retirement Date	Proof of retirement	

After clicking, you will arrive at the screen below. Now, you can fill in the details of a specific carbon transaction and retirement date.

			×
Standard		Vintage Year	
Select an option	~	Select an option \checkmark	
Quantity		ID	
Quantity		ID	
Serial Number		Retirement Date	
Serial Number		jj/mm/aaaa 🗖	
Description		Proof Of Retirement	
Description		copy/paste the link to the registry page proving carbon c	
	h		
		1 Upload proof	
		** You can only upload one file per retirement	
			_
		Cancel Sav	е
			-
4			

Once you complete the form, click on the green button "**Save**". It is possible to log other carbon credit retirements in case multiple carbon credit retirements were used to offset the transaction registered in the platform. You are always able to edit and erase a specific retirement from the portal. Once you are done, click on the blue button "**send to COC for Validation**".