

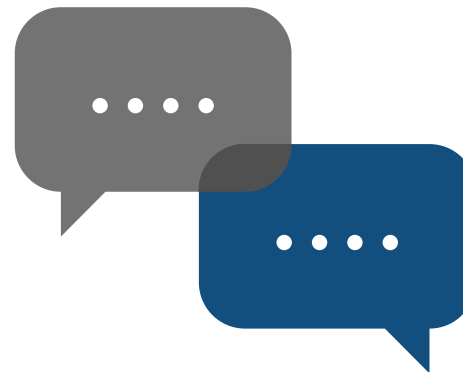


COPA Session: 2 New COPA Carbon Markets Resources: Article 6 Guide + online course “Cooling Carbon Markets”

8th May. 2025, Moderator: Malin Emmerich

TECHNICAL INFO AND MEETING ETIQUETTE

- A recording of the session will be uploaded on COPAs website.
- *Turn on and then off your microphone to agree to the recording.* (If not, the presentation might not be visible.)
- Mute yourself after accepting the recording.
- Raise a digital hand to get the word or write your questions in the chat.
- Unmute and turn on your camera when you speak.
- Have fun!



COPA - CLIMATE AND OZONE PROTECTION ALLIANCE

- **COPA works jointly with partner countries and members** across private and public sectors to advance the holistic solutions needed to reduce ODS and HFC banks and ultimately complete the shift in the cooling sector to sustainable refrigerant management.
- Currently **80 members** in total, of which **26 countries** (May 2025)
- **Membership is free of cost;** members are invited to **actively contribute through working groups.**
- **Website:** <https://www.copalliance.org>
- **COPA Secretariat Mail:** contact@copalliance.org

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by the German Bundestag

MATERIALS ONLINE: WWW.COPALLIANCE.ORG


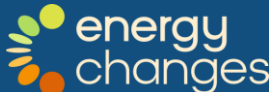
- Today's session is recorded and will be uploaded on the COPA's website with the new publication.
- There are already cool and informative materials available on the COPA website. No need to be bored! For example:

Webinar Sessions (video recording) e.g. from:

- Session on 6th of May for the New Publication - Global Banks of ODS and HFC banks update
- COPA studies and Reports, Guidelines – e.g. on ODS/HFC banks Inventory
- The Virtual Study Tour on Reclamation & Destruction Technology (live-session-series)



AGENDA

1. Welcome & Agenda	Malin Emmerich (GIZ)	
2. Relevance of Carbon Markets and the Paris Agreement Article 6 for COPA	<ul style="list-style-type: none"> • Ellen Michel, head of COPA Secretariat (GIZ) • Mathatela Ntsatsi, National Ozon Officer Lesotho • Xin He (UNDP) 	
3. Publication: Get ready with COPA for Article 6	Egbert Liese	 <p>Walburg & Partners</p>
4. Cooling Carbon Markets and the Atingi Platform	Paola Bustillos (GIZ)	
5. Online course: Leveraging carbon markets and Article 6 for refrigerant management	Jorge Lujan & Sylvie Rietmann	 <p>energy changes</p>
6. Q&A, discussion and exchange	All	
End of Session		



Get Ready with COPA: A New 5-Step Guide for Engaging with Article 6

Egbert Liese, Walburg & Partners

WHY THIS GUIDE?

Key Message: Climate finance is often seen as a separate domain, but Article 6 offers direct opportunities for National Ozone Units (NOUs).

- Montreal Protocol & Paris Agreement are increasingly overlapping
- Many NOUs overlook climate finance options for MP-related work
- This guide bridges the gap



"A strong working relationship between the Ozone Office Unit and the Climate Change Unit is not just beneficial; it's essential."

MATHATELA NTSATISI, NATIONAL OZONE OFFICER, LESOTHO

WHAT'S NEW IN THIS GUIDE

- **Key Message:** Tailored for NOU officers, with actionable steps
- First COPA publication specifically helping NOUs access Article 6 carbon finance
- Builds real-world experience from NOUs (e.g. Lesotho)
- Offers a structured, stepwise roadmap (not just theory)

STRUCTURE OF THE GUIDE

Introduction

Understanding the Paris Agreement & the Montreal Protocol

- explains legal & policy context
- highlights opportunities for synergy
- frames the need for NOU engagement



5-Step Framework

The Core of the Guide for NOUs

- practical steps for readiness & alignment
- covers stakeholder coordination, inventories, project development & finance access
- action-oriented, building block approach



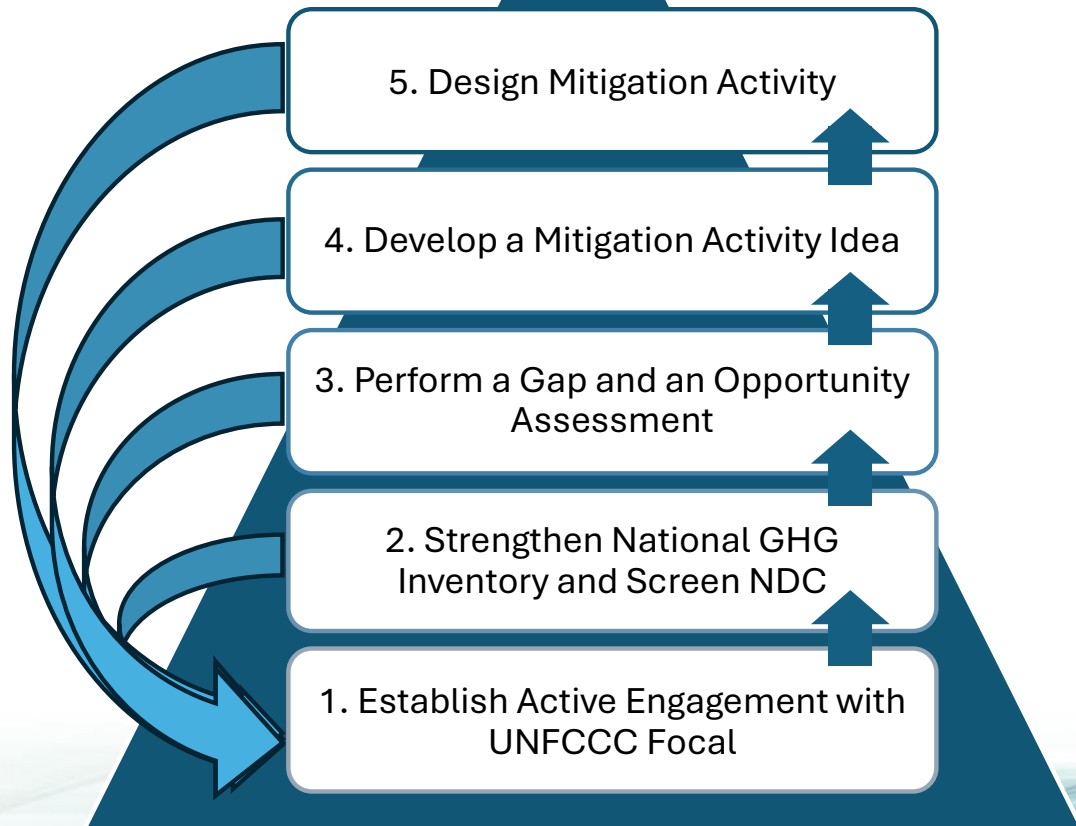
Team & Implementation

Building Your Support System

- identifies key players in the process
- promotes internal collaboration
- encourages national coordination & learning

THE 5-STEP FRAMEWORK

Art. 6



WHAT THIS MEANS FOR NOUs

Key Benefits:

- Concrete method to unlock new funding streams for HFC-related mitigation
- Aligns MP work with national climate targets
- Helps identify dual-purpose activities (climate + ozone)

Montreal Protocol

Production and
Consumption
Controls

Paris Agreement

Emission Reductions
and Finance

**HFCs,
Cooling Sector,
Reporting Synergies,
Finance Opportunities**

ARTICLE 6 AND HFCS – A BIG OPPORTUNITY

Key Message: HFC mitigation can deliver major CO₂-equivalent reductions

- HFCs have very high GWP (e.g., HFC-23 = 14,600 GWP)
- Activities like safe disposal, leak prevention, and transition to low-GWP refrigerants are eligible for carbon finance
- Cooling sector is now recognized in global pledges (e.g., Cooling Pledge at COP28)





Walburg & Partners



PRACTICAL TOOLS FOR NOUS

Includes:

- Templates for MAIN and MADD
- Guidance on stakeholder mapping and eligibility screening
- Atingi course: *Cooling Carbon Markets* – 6 modules with certification





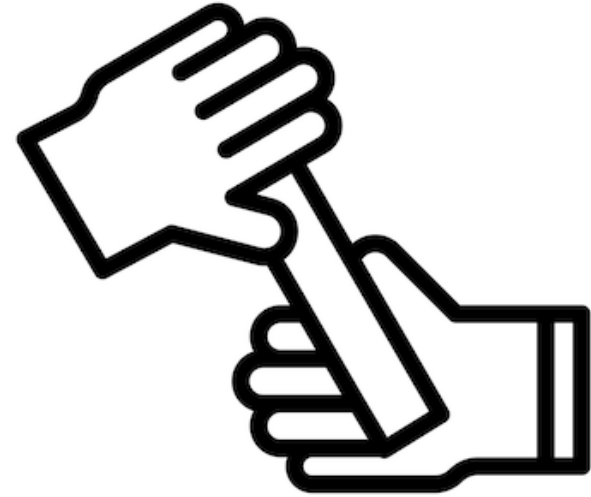
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WHAT YOU CAN DO NEXT

Suggestions for Action:

- Initiate contact with your country's UNFCCC Focal Point & DNA
- Review your national GHG inventory and NDC with a "*MP lens*"
- Start identifying HFC mitigation activities that could qualify
- Engage with the industry to mobilize partners



FINAL TAKEAWAY

Message: Article 6 is *not* just for climate teams; it's a chance for NOUs to lead

“If you’re not in the room when Article 6 projects are being decided, your sector won’t be included.”

MATHATELA NTSATSI

- **Call to Action:** Use this guide to build your country's next Article 6 project



Walburg & Partners



Learn more about COPA & upcoming events by visiting our website:
<https://www.copalliance.org>

Contact COPA:
COPA Secretariat
contact@copalliance.org

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the future

8th May 2025

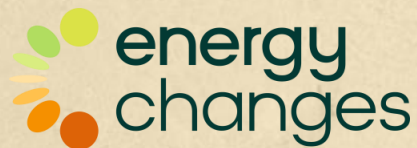
COPA new online course: Leveraging carbon markets and Article 6 for refrigerant management

Jorge Lujan and Sylvie Rietmann

Jorge.Lujan@energy-changes.com

Sylvie.Rietmann@energy-changes.com

Energy Changes is a **climate and sustainability** advisory and carbon project developer based in Vienna, Austria.



Carbon Project Development

Carbon project identification and development

Carbon methodology development

Carbon Capture and Storage, Utilization

Refrigerant (ODS/HFC) management



Climate and Sustainability Advisory

Corporate carbon footprints

Corporate sustainability strategies

CSRD

CBAM



Implementation of Article 6 of the Paris Agreement

Nationally Determined Contributions (NDCs)

National Carbon Market Policy

Carbon project identification and development

Refrigerant (ODS/HFC) management

We **focus on technology-based** projects & project implementation studies, having developed **over 80+ carbon credit projects**

A course for addressing refrigerant banks

Course objective:

- Capacity building on carbon markets, Article 6, and how they can finance refrigerant emissions, and practical guidance on implementing refrigerant projects on the ground

Target audience:

- **National Ozone Unit officials and government officials involved in refrigerant management** (primary focus)
 - o Existing knowledge of refrigerant gases (medium-high level), limited knowledge of carbon market mechanisms
- **Refrigerants stakeholders in COPA member countries and other Article 5 countries** (second primary focus)
 - o Existing knowledge of refrigerant gases (varying levels), limited knowledge of carbon market mechanisms
- **Other government officials** (additional audience, non-primary)
 - o Different levels of knowledge of both refrigerant gases and carbon market mechanisms

COPA Carbon Markets and Refrigerants Course

A course for addressing refrigerant banks



6 modules, with multiple parts, on the Atingi platform

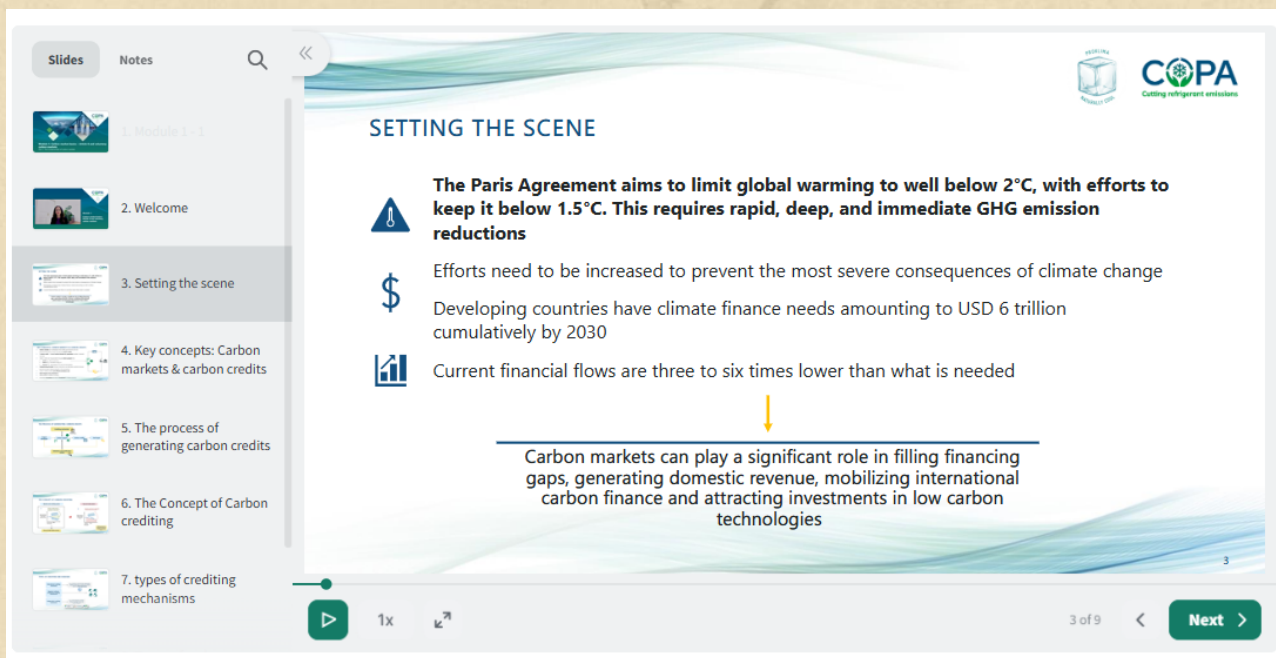


Module content and structure

Module title	Short summary
Module 1: Carbon market basics: Article 6 and voluntary carbon markets	<ul style="list-style-type: none"> - Basic introduction to carbon markets, general concept of crediting emissions reductions, and market functioning - Necessary definitions and introductions to concepts, e.g. methodologies, carbon standards - Article 6 introduction - VCM
Module 2: How can carbon credits address refrigerant banks?	<ul style="list-style-type: none"> - Exploring the supply chain of fluorocarbons/refrigerants and the different project types - Introductory module to the concepts of addressing refrigerant emissions through carbon finance
Module 3: Readiness check – participating in Article 6 and voluntary carbon markets?	<ul style="list-style-type: none"> - Exploring the participation requirements for Article 6, such as NDC and refrigerant/fluorocarbon inventory - Accounting of fluorocarbons under Article 6
Module 4: The refrigerant & refrigerant carbon project development cycle	<ul style="list-style-type: none"> - Overview of the carbon project development cycle from the perspective of a refrigerant project
Module 5: Environmental integrity in refrigerant projects	<ul style="list-style-type: none"> - Discussion and details about the key points of environmental integrity in refrigerant projects, e.g. perverse incentives, permanence, conservative baselines, additionality
Module 6: Case studies and refrigerant project design	<ul style="list-style-type: none"> - Case study on CoopSA

A course for addressing refrigerant banks

Narrated content with available transcription:

The screenshot shows a video player interface. On the left is a sidebar with a 'Slides' tab and a list of seven slides. The main area displays the third slide, 'SETTING THE SCENE', which includes three bullet points with icons: a warning triangle for the Paris Agreement, a dollar sign for climate finance needs, and a bar chart for current financial flows. A yellow arrow points from the third bullet point to a highlighted text box at the bottom of the slide. The video player controls at the bottom show a play button, '1x' speed, and a 'Next' button.

Slides Notes

1. Module 1 - 1

2. Welcome

3. Setting the scene


4. Key concepts: Carbon markets & carbon credits


5. The process of generating carbon credits


6. The Concept of Carbon crediting


7. types of crediting mechanisms

SETTING THE SCENE

 **The Paris Agreement aims to limit global warming to well below 2°C, with efforts to keep it below 1.5°C. This requires rapid, deep, and immediate GHG emission reductions**

 Efforts need to be increased to prevent the most severe consequences of climate change

 Developing countries have climate finance needs amounting to USD 6 trillion cumulatively by 2030

 Current financial flows are three to six times lower than what is needed


Carbon markets can play a significant role in filling financing gaps, generating domestic revenue, mobilizing international carbon finance and attracting investments in low carbon technologies

3 of 9 **Next**

COPA Carbon Markets and Refrigerants Course

A course for addressing refrigerant banks

Example content:



INTRODUCTION

In this module, we will learn about the prerequisites to engage in Article 6 of the Paris Agreement and the benefits and risks of doing so.


We will cover:

Part 1: Getting Ready for Article 6 Participation


- 1) Benefits, responsibilities, and risks towards participation in Article 6
- 2) Requirements for participation
- 3) Obligations for:
 - Authorizing
 - Tracking
 - Reporting

Part 2: Article 6 in Practice for Refrigerant Projects

- 1) Readiness check for hosting refrigerant projects








5



CARBON MARKET METHODOLOGIES

1. Reclamation projects
Methodology
2. Destruction projects
Methodology
3. Leak reduction projects
Methodology
4. Replacement projects
Methodology

Methodologies are developed, updated, maintained, and approved by international carbon standards, such as:

In module activity:
Overview of all refrigerant carbon market project methodologies

18



STEP 1: FEASIBILITY ASSESSMENT

In a first step, the project developer assesses the general feasibility of the project idea against a set of criteria to determine its viability and whether it could potentially qualify for carbon credits.

Evaluation criteria include:

- *Technical feasibility and project design*
- *Country and legal context*
- *Eligibility based on approved methodologies and rules of the standards*
- *Estimate of potential emission reductions or removals*
- *Financial viability*
- *Potential buyers*
- *Risks*

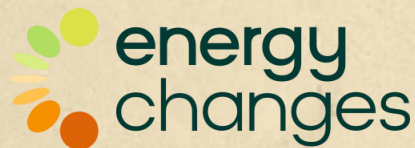


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COPA Carbon Markets and Refrigerants Course

A course for addressing refrigerant banks

Quizzes and visual/interactive activities:



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Quiz M01
Cooling Carbon Markets / Module 01 / Quiz M01

Quiz Settings Questions Results Question bank More

BACK

Question 1
Not yet answered
Marked out of 1.00
Flag question
Edit question

What is the primary objective of the Paris Agreement?

Select one:

- ☐ a. To limit global warming to well below 2°C, ideally 1.5°C above pre-industrial levels
- ☐ b. To set fixed global emission limits
- ☐ c. To eliminate fossil fuel use by 2050
- ☐ d. To create a universal carbon tax

Question 2
Not yet answered
Marked out of 1.00
Flag question
Edit question

What is a carbon credit?

Select one:

- ☐ a. A permit to emit greenhouse gases without limits
- ☐ b. A mandatory quota for companies
- ☐ c. A tax imposed on emissions
- ☐ d. A tradeable certificate representing one metric ton of avoided, reduced, or removed CO₂

Quiz navigation

1 2 3 4 5 6 7
8 9 10

Finish attempt ...

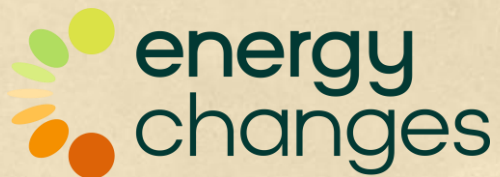
START A NEW PREVIEW



COPA Carbon Markets and Refrigerants Course

A course for addressing
refrigerant banks

Technical developers:



energy-changes.com



publicconsulting.at



evoltas.de



Thank you
for your attention!

Contact Us

Energy Changes

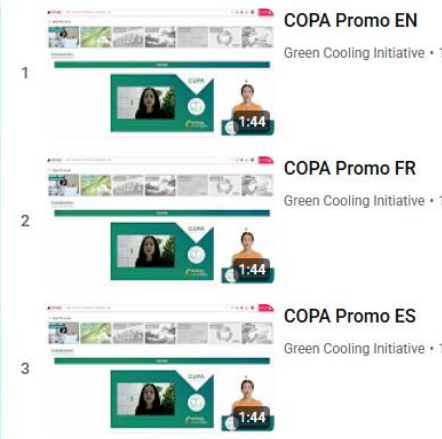
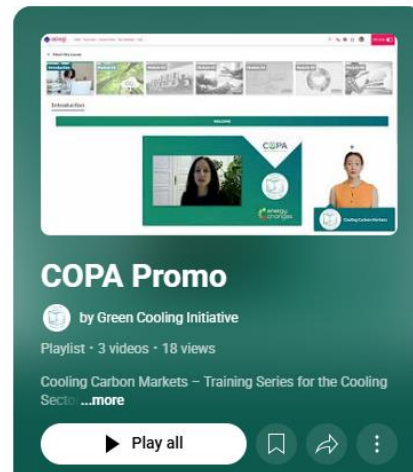
E: Jorge.Lujan@energy-changes.com

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ATINGI COURSE ONLINE

- ✓ English Version:
<https://online.atingi.org/course/view.php?id=5358>
- ✓ Spanish Version:
<https://online.atingi.org/course/view.php?id=5605>
- ✓ French Version:
<https://online.atingi.org/course/view.php?id=5747>



Videos course introduction on Youtube:

https://www.youtube.com/playlist?list=PL_SVLx_7N83ovMuUhHfmdq_XiRI9cRh7P

ANY QUESTIONS?

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THANK YOU FOR YOUR PARTICIPATION