



Partnership on Transparency
in the Paris Agreement

Ferramenta de Submissão do Quadro Reforçado de Transparência

Monitorização do Progresso em relação à
Contribuição Nacionalmente Determinada (NDC)

Pedro Torres (UNFCCC)

8-11 Abril 2025



United Nations
Framework Convention on
Climate Change

Objectivo da ferramenta de reporte

- Facilitar o preenchimento das tabelas CTF (common tabular format) tal como aprovadas pelas Partes na decisão 5/CMA.3, em Glasgow, COP 26, 2021
- [CMA2021_L10a2E.pdf](#)

Objectivo do treino é aprender a usar a ferramenta para preencher as tabelas CTF relativas ao progresso na direção da NDC

Annex II*

Common tabular formats for the electronic reporting of the information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement

1. Structured summary: Description of selected indicators

Indicator(s) selected to track progress ^a	Description
{Indicator}	Information for the reference point(s), level(s), baseline(s), base year(s) or starting point(s), as appropriate ^b Updates in accordance with any recalculation of the GHG inventory, as appropriate ^b Relation to NDC ^c

Notes: (1) Pursuant to para. 79 of the MPGs, each Party shall report the information referred to in paras. 65–78 of the MPGs in a narrative and common tabular format, as applicable. (2) A Party may amend the reporting format (e.g. Excel file) to remove specific rows in this table if the information to be provided in those rows is not applicable to the Party's NDC under Article 4 of the Paris Agreement, in accordance with the MPGs. (3) The Party could add rows for each additional selected indicator and related information.

^a Each Party shall identify the indicator(s) that it has selected to track progress of its NDC (para. 65 of the MPGs).

^b Each Party shall provide the information for each selected indicator for the reference point(s), level(s), baseline(s), base year(s) or starting point(s), and shall update the information in accordance with any recalculation of the GHG inventory, as appropriate (para. 67 of the MPGs).

^c Each Party shall describe for each indicator identified how it is related to its NDC (para. 76(a) of the MPGs).

Custom footnotes:

Documentation box:

Aceder às ferramentas de reporte

UNFCCC | MY APPS

Party: NPL | ↗

My apps

Search app

Filter by category

Total apps: 5

Sort by: App A-Z

Grid View List View

 **GHG INVENTORY**
Inventory (CRT)
ETF

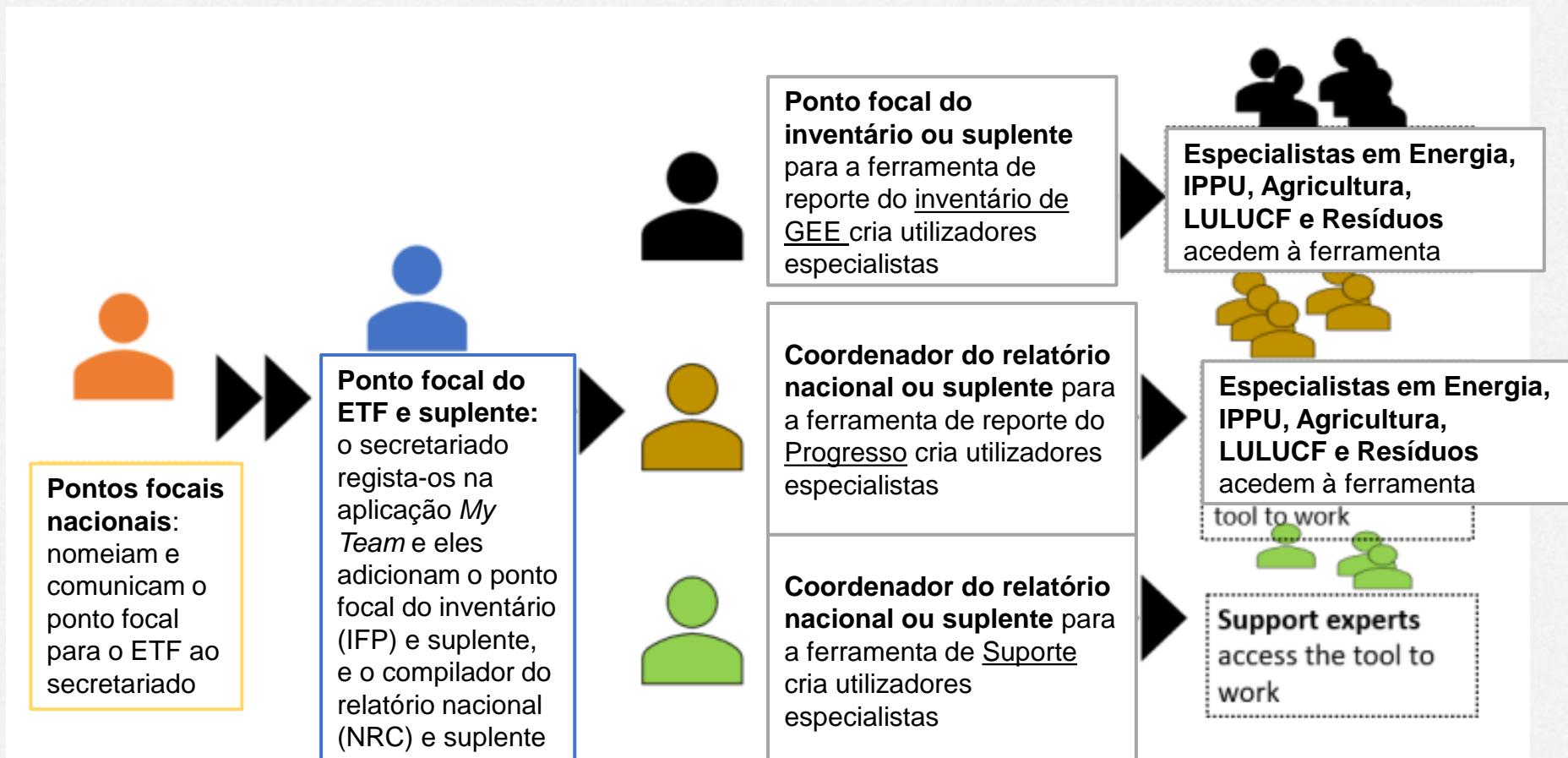
 **HELP**
Application Support
ETF

 **MY TEAM**
User Access Management
UNFCCC

 **PROGRESS**
NDC
ETF

 **SUPPORT**
FTC
ETF

Ferramenta de gestão de utilizadores



! O secretariado da UNFCCC NÃO é responsável por conceder/remover acessos

Ferramenta de gestão de utilizadores

The image shows a user interface for managing users. On the left, a modal window titled 'Add user' is open, prompting for 'Email', 'First name', 'Last name', and 'Role(s)'. A dropdown menu lists roles under 'ETF (GHG INVENTORY)' and 'ETF (PROGRESS)'. A large blue arrow points from this window to the main 'Users list' table on the right. The 'Users list' table displays two entries: 'Test Two' (test2@hotmail.com) with roles 'UNFCCC' and 'NFP Alternate', and 'Test One' (test1@gmail.com) with roles 'ETF' and 'ETF FP'. A green oval highlights the 'Add user' button in the top right corner of the main list. A blue arrow points from the 'Add user' button to the 'Add user' modal window.

Users | History

Users list

Search user or filter by role

Search user by name or email

Filter by role

+ Add user

Add user

* Required fields

Email for users to login*

Please do not use shared email addresses.

Email

Add first name*

Add last name*

First name

Last name

The user doesn't have a last name

Assign role to the user

Select role(s)

ETF (GHG INVENTORY)

- Expert Agriculture
- Expert Energy
- Expert IPPU
- Expert LULUCF
- Expert Waste
- Inventory FP

ETF (PROGRESS)

system, but won't be activated instantly on the this process has been completed.

Cancel

Confirm

Name

Roles

Test Two

test2@hotmail.com

UNFCCC NFP Alternate

Test One

test1@gmail.com

ETF ETF FP

Rows per page: 25 1-25 of -

Export to .xlsx

0 1

0 1

0 1

0 1



Exercícios Práticos

- Exercício 1: Criar uma nova versão e especificar configurações
- Exercício 2: Explorar árvore de navegação e grelhas de dados
- Exercício 3: Adicionar e modificar dados para Políticas e Medidas
- Exercício 4: Adicionar e modificar dados para o Resumo Estruturado
- Exercício 5: Adicionar e modificar dados para Projeções
- Exercício 6: Descarregar tabelas de relatório

<https://etf-progress.unfccc.int>



Exercício 1

Criar uma nova versão e especificar configurações da versão





Criar uma nova versão e especificar configurações da versão

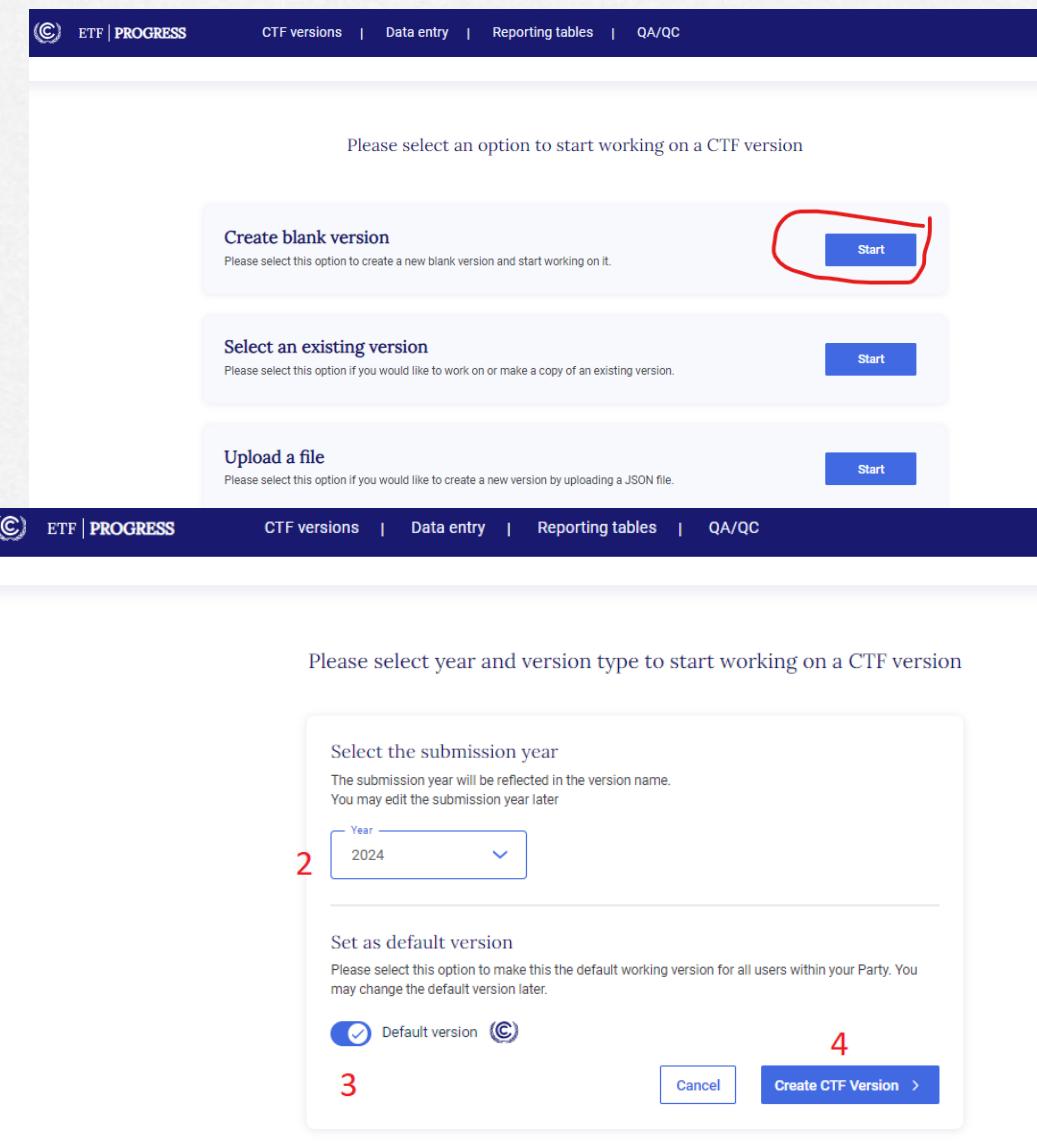
Visão geral

- Criar uma nova versão para reporte
- Selecionar configurações de versão para flexibilidade
- Selecionar configurações de versão para políticas e medidas de mitigação
- Selecionar configurações de versão para inventário de gases de efeito de estufa (GEE)
- Selecionar configurações de versão para o resumo estruturado
- Selecionar configurações de versão para projeções de GEE



Criar uma nova versão para submissão

1. Selecionar “Create blank version”
2. Selecionar o ano de submissão (“Select the submission year”): 2025
3. Selecionar “Default version”
4. Clicar em “Create CTF version” para continuar



ETF | PROGRESS CTF versions | Data entry | Reporting tables | QA/QC

Please select an option to start working on a CTF version

Create blank version
Please select this option to create a new blank version and start working on it.

Select an existing version
Please select this option if you would like to work on or make a copy of an existing version.

Upload a file
Please select this option if you would like to create a new version by uploading a JSON file.

ETF | PROGRESS CTF versions | Data entry | Reporting tables | QA/QC

Please select year and version type to start working on a CTF version

Select the submission year
The submission year will be reflected in the version name.
You may edit the submission year later.

Year
2024

Set as default version
Please select this option to make this the default working version for all users within your Party. You may change the default version later.

Default version

3 4

Cancel Create CTF Version



Configurações para uso de flexibilidade

1. Selecionar “Yes” (sim) para a questão inicial sobre uso de flexibilidade
2. Ativar o parágrafo 85
3. Ativar o parágrafo 95
4. Ativar o parágrafo 102
5. Clicar “Next” (seguinte)



1 **Flexibility provisions**
Please specify if any flexibility provisions in light of national capacities will be used.

Yes No

Select the specific flexibility provisions to be used

Para 85 (Enables the use of the notation key FX in the estimates of GHG reductions for PaMs) 2

Please enter explanation here

Para 92 (Use when no projections data will be reported)

Para 95 (Allows an earlier year for the endpoint of projections) 3

Please enter explanation here

Para 102 (Enables the use of the notation key FX in all areas of projections reporting) 4

Please enter explanation here

[X Exit version settings](#)

5

[Next >](#)

[Go to data entry](#)



Disposições de Flexibilidade

Disposições de flexibilidade (Anexo à decisão 18/CMA.1)	Disposições de flexibilidade para os países em desenvolvimento que precisam à luz de suas capacidades
Para. 85 (impactos estimados de Políticas e Medidas)	Cada País tem de fornecer, na medida do possível, estimativas das reduções esperadas e alcançadas de emissões de GEE para suas ações, políticas e medidas em formato tabular mencionado no parágrafo 82; os países em desenvolvimento que precisem de flexibilidade à luz de suas capacidades em relação a esta disposição são, em vez disso, incentivados a relatar essas informações . <i>Implementação na ferramenta de submissão: a notação "FX" é permitida para impactos estimados.</i>
Para. 92 (projeções)	Cada País tem relatar projeções de acordo com os parágrafos 93–101; os países em desenvolvimento que precisem de flexibilidade à luz de suas capacidades são, em vez disso, incentivados a relatar essas projeções . <i>Implementação na ferramenta de submissão: configurações de versão para projeções, grelhas de entrada de dados e tabelas para relatar projeções estão todas desativadas.</i>
Para. 95 (projeções)	As projeções devem começar no ano mais recente do inventário de GEE do País e estender-se pelo menos por 15 anos além do próximo ano que termina em zero ou cinco; os países em desenvolvimento que precisem de flexibilidade à luz de suas capacidades em relação a esta disposição têm a flexibilidade de, em vez disso, estender suas projeções pelo menos até o ponto final de sua CND . <i>Implementação na ferramenta de submissão: o ponto final das projeções pode ser tão cedo quanto o ano final da CND.</i>
Para. 102 (projeções)	Os países em desenvolvimento que precisem de flexibilidade à luz de suas capacidades em relação aos parágrafos 93–101 podem submeter projeções usando uma metodologia ou cobertura menos detalhada . <i>Implementação na ferramenta de submissão: a notação FX é permitida em qualquer lugar nas grelhas de entrada de dados das projeções.</i>



Configurações para políticas e medidas

1. Selecionar *Não* (“No”) para a questão inicial “Gostaria de especificar os anos para os quais serão reportadas as reduções estimadas de emissões?”
2. Selecionar *Seguinte* (“Next”)

The screenshot shows a web-based application interface for climate reporting. At the top, a navigation bar includes the UN Climate Change logo, the text 'ETF | PROGRESS', and links for 'CTF versions', 'Data entry', 'Reporting tables', and 'QA/QC'. The status bar indicates 'Version: XYZ-CTF-NDC-2025-V1.5 | Status: Started'. On the right, it shows 'Users accessing: PT | Online'.

The main content area is titled 'Version Settings' and lists five steps: 1. Flexibility provisions (Complete), 2. Mitigation policies and measures (Complete), 3. GHG Inventory Information (Complete), 4. Structured summary (Complete), and 5. Projections (Complete). Step 2 is highlighted with a blue box and a large number '2'.

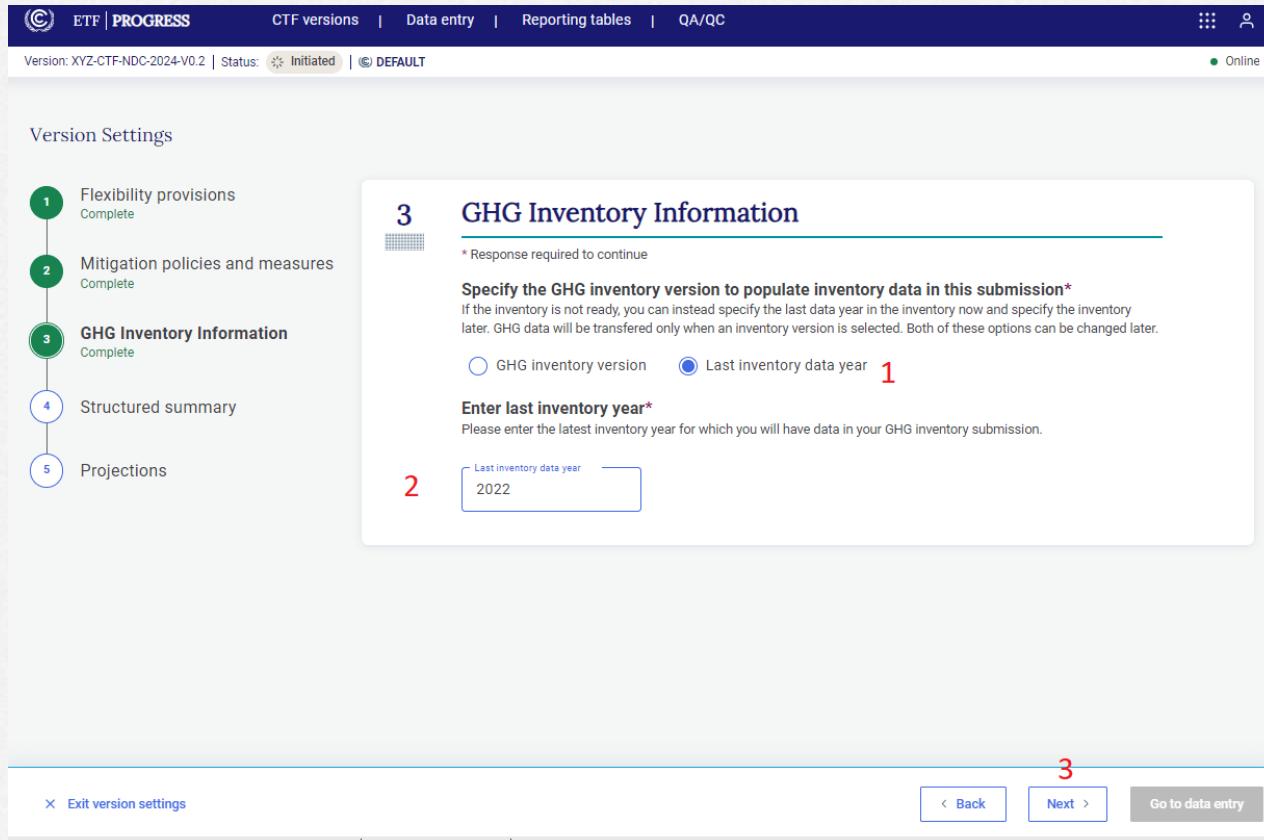
A modal window titled 'Mitigation policies and measures' is open. It contains the question 'Would you like to specify the years for which estimated emission reductions will be reported?*' with a note '* Response required to continue'. Two radio buttons are shown: 'Yes' (unchecked) and 'No' (checked). At the bottom of the modal are buttons for 'Back', 'Next >', and 'Go to data entry'.

At the very bottom of the page, a footer bar displays the application version 'a4a9e8b9df32a8027ab6004f0fc79e76', metadata version '1.30.0', and the last synchronization time '2025-04-03 16:58 (UTC+2)'.



Selecionar configurações para inventário de GEE

1. Selecionar "Último ano de dados do inventário" ("Last inventory data year")
2. Introduzir o último ano do inventário (2022)
3. Selecionar Seguinte ("Next")



The screenshot shows a software interface for managing climate inventories. At the top, a navigation bar includes links for 'ETF | PROGRESS', 'CTF versions', 'Data entry', 'Reporting tables', 'QA/QC', and a user status 'Online'. Below this, a sub-header displays 'Version: XYZ-CTF-NDC-2024-V0.2 | Status: Initiated | DEFAULT'.

The main content area is titled 'Version Settings' and lists five steps: 'Flexibility provisions', 'Mitigation policies and measures', 'GHG Inventory Information' (which is marked as 'Complete'), 'Structured summary', and 'Projections'. Step 3 is highlighted with a green circle and a number '3'.

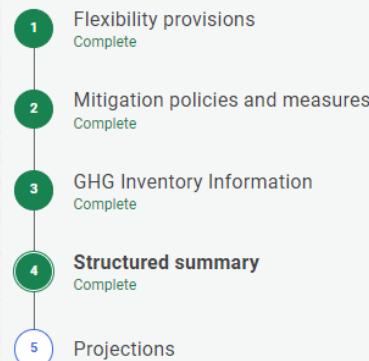
A large callout box on the right is titled '3 GHG Inventory Information'. It contains a note: '* Response required to continue' and 'Specify the GHG inventory version to populate inventory data in this submission*'. It includes radio buttons for 'GHG inventory version' (unchecked) and 'Last inventory data year' (checked, with the number '1' next to it). Below this is a field labeled 'Enter last inventory year*' with the value '2022' entered. The number '2' is displayed to the left of this field.

At the bottom of the interface, there are buttons for 'Exit version settings' (with an 'X' icon), 'Back' (with a left arrow), 'Next' (with a right arrow, and the number '3' is shown above it), and 'Go to data entry'.



Selecionar configurações para Resumo Estruturado

1. Introduzir os anos de início e fim da NDC (2021, 2030)
2. Selecionar Sim para a primeira NDC
3. Selecionar Não para alcance do objetivo da NDC
4. Selecionar Sim para tabela de anexo com descrição da NDC
5. Selecionar Seguinte



4 Structured summary

* Response required to continue

Please specify the start year and end year of implementation of the NDC reported in this submission*

Enter start year Enter end year

Is the information reported in this submission for the first NDC under Article 4 of the Paris Agreement?*

Yes: Enables reporting of information relevant to the first NDC.
No: Enables reporting of information relevant to the second or subsequent NDCs.

2 Yes No

Does this submission contain information for the end year of the NDC and therefore an assessment of achievement of the target(s) for the NDC?*

Yes: Enables reporting of estimates of achieved GHG emission reductions for mitigation policies and measures, actions and plans. Also enables reporting on the assessment of achievement of the NDC.
No: Enables reporting of estimates of expected GHG emission reductions for mitigation policies and measures, actions and plans.

3 Yes No

Please specify whether the appendix table Description of a Party's nationally determined contribution under Article 4 of the Paris Agreement, including updates will be reported.*

4 Yes No

[X Exit version settings](#)

[< Back](#)

[Next >](#)

[Go to data entry](#)



Selecionar configurações para Projeções

1. Ativar a Tabela 8
2. Selecionar o ano final para projeções (2030)
3. Selecionar os anos intermédios das projeções (2025)
4. Selecionar “Ir para entrada de dados” (“Go to data entry”)

The screenshot shows the UN Climate Change Platform interface. At the top, there is a navigation bar with the logo, 'ETF | PROGRESS', and links for 'CTF versions', 'Data entry', 'Reporting tables', and 'QA/QC'. Below the navigation bar, the version is listed as 'Version: XYZ-CTF-NDC-2024-V0.2 | Status: Initiated | DEFAULT'. On the far right, there is an 'Online' status indicator.

The main content area is divided into two sections:

- Version Settings**: A vertical list of five items, each with a green circle containing a number and a status indicator (Complete):
 - 1. Flexibility provisions (Complete)
 - 2. Mitigation policies and measures (Complete)
 - 3. GHG Inventory Information (Complete)
 - 4. Structured summary (Complete)
 - 5. Projections (Complete)
- 5 Projections**: A section for specifying projection scenarios. It includes:
 - A header: "Specify additional projection scenarios to be reported".
 - A table with two rows:
 - Table 8 (with additional measures) with a checked toggle switch (value 1).
 - Table 9 (without measures) with an unchecked toggle switch.
 - A section for specifying the end year for projections, with a dropdown menu set to "2030" and a value indicator "2".
 - A section for specifying the interim year(s) for which projections are reported, with a dropdown menu set to "2025" and a checked checkbox "2025".

At the bottom of the page, there are buttons for 'Exit version settings', 'Back', 'Next', and 'Go to data entry'.

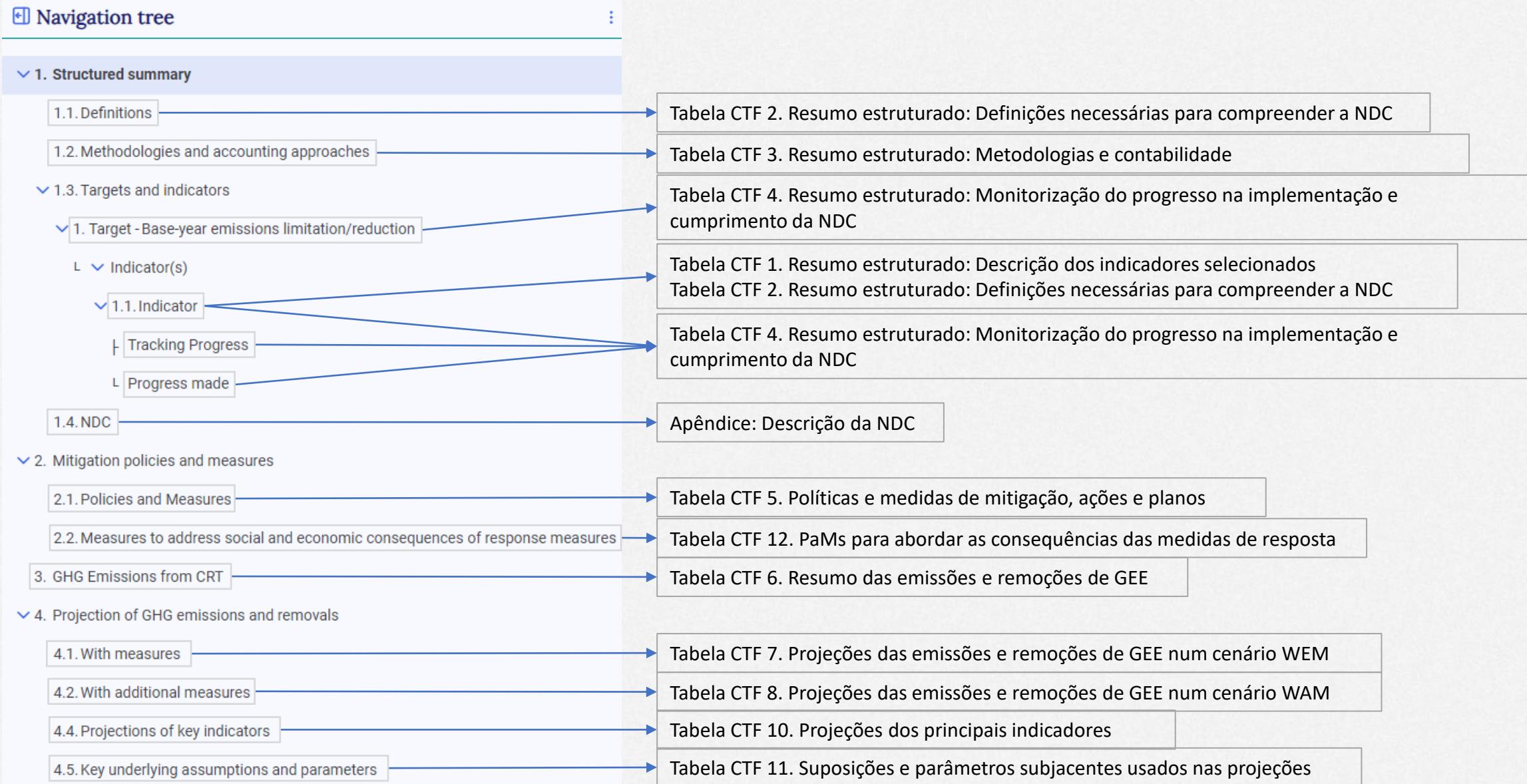


Árvore de navegação e tabelas CTF



United Nations
Climate Change

Mapeamento da Árvore de Navegação para as tabelas CTF



Exercício 2

Explorar árvore de navegação e grelhas de dados



Explorar árvore de navegação e grelhas de dados

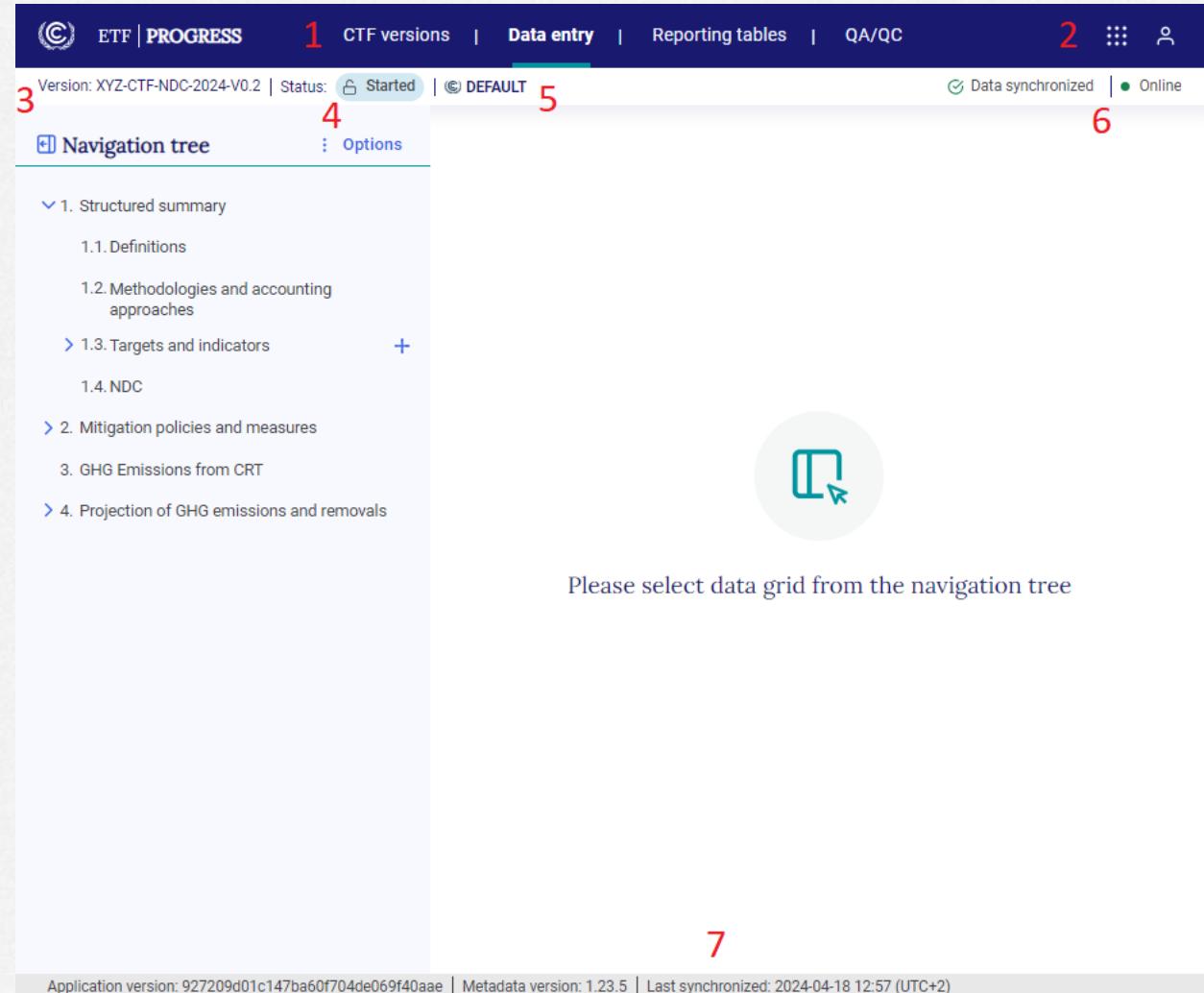
Visão geral

- Elementos principais do cabeçalho e do interface para entrada de dados
- Conceitos básicos da árvore de navegação



Elementos principais do cabeçalho e do interface para entrada de dados

1. Separadores
2. Menus da aplicação e do utilizador
3. Número da versão
4. Estado da versão
5. Indicador de versão padrão
6. Estado de sincronização/ligação
7. Hora da última sincronização



The screenshot shows the 'Data entry' section of the UN Climate Change platform. The header includes the UN Climate Change logo, the text 'ETF | PROGRESS', the number '1 CTF versions', the status 'Started', the version 'XYZ-CTF-NDc-2024-V0.2', and the indicator 'DEFAULT'. The navigation tree on the left shows a structured summary with sections 1.1 through 1.4, 2, 3, and 4. A message at the bottom of the tree states 'Please select data grid from the navigation tree'. The footer provides application and metadata versions, and the last synchronization date.

1 CTF versions | Data entry | Reporting tables | QA/QC

Version: XYZ-CTF-NDc-2024-V0.2 | Status: Started | DEFAULT

3 4 5 6

Navigation tree Options

1. Structured summary

- 1.1. Definitions
- 1.2. Methodologies and accounting approaches
- 1.3. Targets and indicators
- 1.4. NDC

- 2. Mitigation policies and measures
- 3. GHG Emissions from CRT
- 4. Projection of GHG emissions and removals

Please select data grid from the navigation tree

Application version: 927209d01c147ba60f704de069f40aae | Metadata version: 1.23.5 | Last synchronized: 2024-04-18 12:57 (UTC+2)

7



Conceitos básicos da árvore de navegação

1. Botão de minimizar
2. Menu da árvore de navegação
3. Grelha de introdução de dados selecionada
4. Ocultar/expandir ramo da árvore de navegação

The screenshot shows the UN Climate Change Data Entry Tool interface. At the top, there is a navigation bar with the following items: (C) EFT | PROGRESS, CTF versions, Data entry (which is underlined, indicating it is the active tab), Reporting tables, and QA/QC. Below the navigation bar, the status bar displays: Version: XYZ-CTF-NDC-2024-V0.2 | Status: Started | (C) DEFAULT, Data synchronized (green checkmark), and Online (green dot).

The main content area is divided into two main sections: the "Navigation tree" on the left and the "Data entry grid" on the right.

Navigation tree: This section shows a hierarchical tree structure of data categories. The selected category is "4.2. With additional measures" (highlighted with a red border and the number 3). Other visible categories include "1. Navigation tree" (highlighted with a red border and the number 1), "1. Structured summary" (highlighted with a red border and the number 4), and "4.2. With additional measures" (highlighted with a red border and the number 3).

Data entry grid: This section displays a table for "Historical Year" (2022) and "Projections" (2025). The table has columns for "Historical Year" (2022), "Projections" (2025), and various data series. The data series include: Transport, Industry, Agriculture, LULUCF, Waste, Other (specify) (with a plus sign), Total with LULUCF, Total without LULUCF, and Gases (with sub-series: CO₂ emissions incl..., CO₂ emissions excl..., and CH₄ emissions incl...).

A context menu is open over the "4.2. With additional measures" category in the navigation tree. The menu items are: Edit navigation tree, Show completeness check, Show translation, Import .xlsx file, Export all data entry grids as .xlsx, and Export all data entry grids as .json. The menu is numbered 2.



Exercício 3

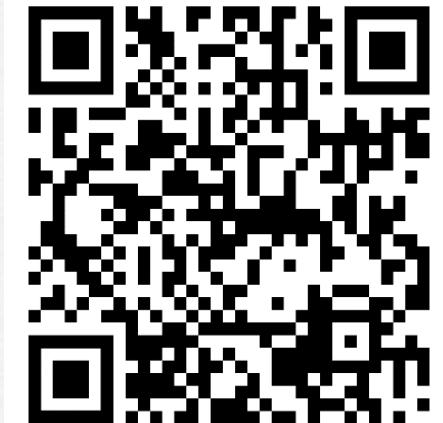
Adicionar e modificar informação sobre Políticas e Medidas



Adicionar e modificar informação sobre Políticas e Medidas

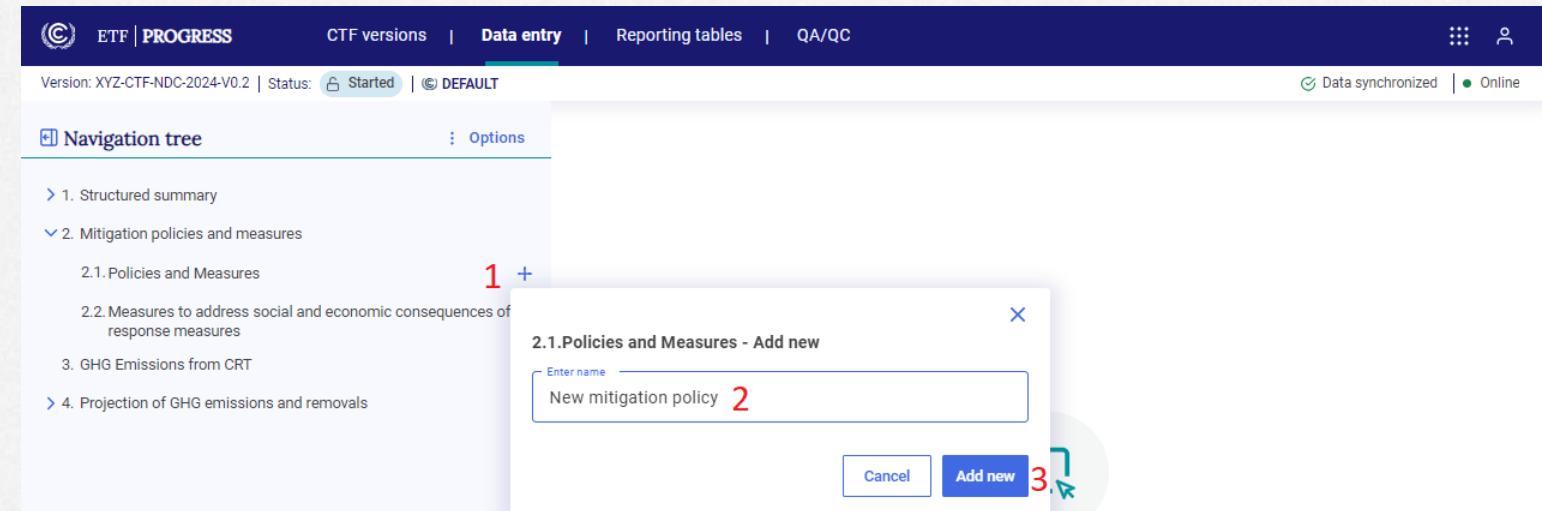
Visão geral

- Criar uma nova medida
- Tipo de campos para introdução de dados
- Preencher dados utilizando diferentes métodos
- Criar comentários e notas de rodapé



Criar uma nova medida

1. Clique no sinal + para adicionar uma nova medida
2. Introduza um nome para a medida
3. Clique em *Adicionar novo* (“Add new”)

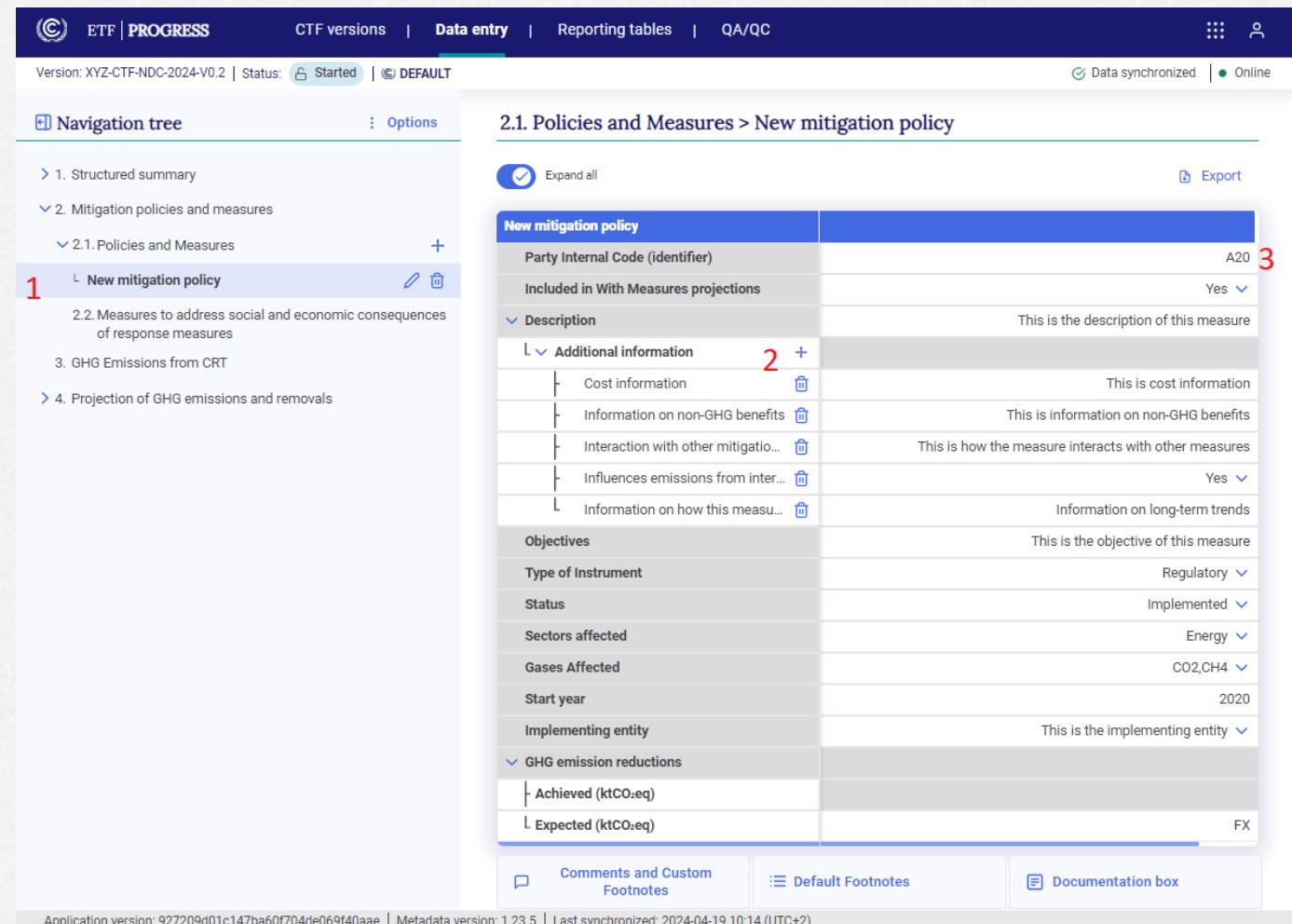


Application version: 927209d01c147ba60f704de069f40aae | Metadata version: 1.23.5 | Last synchronized: 2024-04-19 09:49 (UTC+2)



Preencher dados na ferramenta de submissão

1. Selecionar a medida na árvore de navegação
2. Clicar no sinal + para adicionar informações adicionais
3. Preencher a grelha de introdução de dados



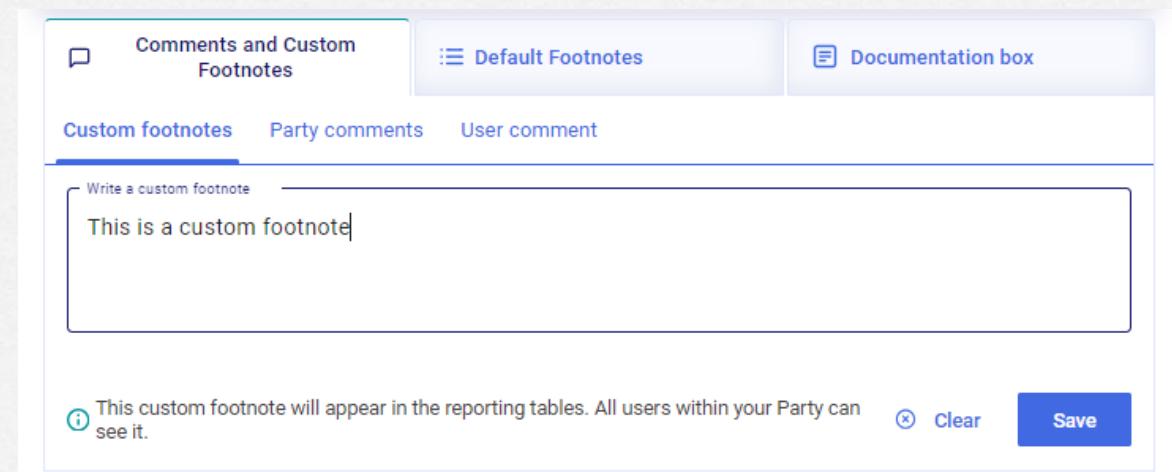
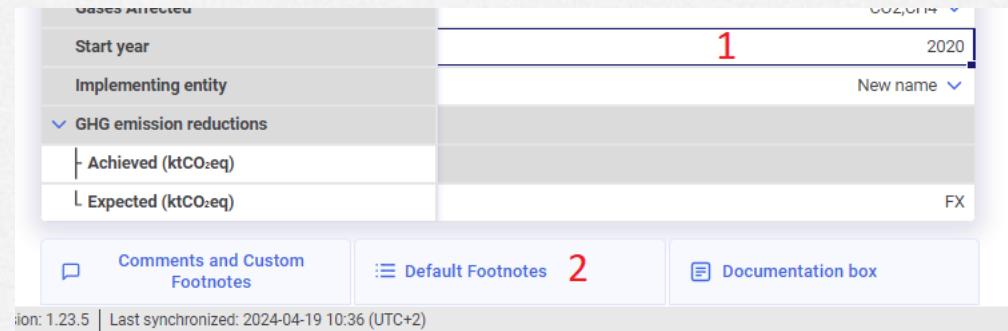
The screenshot shows the 'New mitigation policy' data entry screen in the UN Climate Change Submission Tool. The interface is divided into several sections:

- Header:** Shows 'ETF | PROGRESS', 'CTF versions', 'Data entry' (which is selected), 'Reporting tables', 'QA/QC', and status indicators 'Data synchronized' and 'Online'.
- Navigation tree:** A tree view on the left with the following structure:
 - 1. Structured summary
 - 2. Mitigation policies and measures
 - 2.1. Policies and Measures
 - 1 New mitigation policy
 - 2.2. Measures to address social and economic consequences of response measures
 - 3. GHG Emissions from CRT
 - 4. Projection of GHG emissions and removals
- Form Fields:** The main area displays the 'New mitigation policy' form with various fields:
 - Party Internal Code (identifier):** A20 (3)
 - Included in With Measures projections:** Yes
 - Description:** This is the description of this measure
 - Additional information:** (2 items)
 - Cost information: This is cost information
 - Information on non-GHG benefits: This is information on non-GHG benefits
 - Objectives:** This is the objective of this measure
 - Type of instrument:** Regulatory
 - Status:** Implemented
 - Sectors affected:** Energy
 - Gases Affected:** CO2,CH4
 - Start year:** 2020
 - Implementing entity:** This is the implementing entity
 - GHG emission reductions:**
 - Achieved (ktCO₂eq)
 - Expected (ktCO₂eq)
- Footnotes:** 'Comments and Custom Footnotes', 'Default Footnotes', and 'Documentation box'.



Criar comentários e notas de rodapé

1. Selecione uma célula
2. Clique em qualquer parte do separador de comentários/notas de rodapé para abrir a funcionalidade
3. Adicione uma nota de rodapé personalizada e clique em Guardar (“Save”)
4. Explore as outras opções de comentários



Preencher dados de PaMs utilizando a ferramenta de importação

Separador para utilizar a ferramenta de importação

Exportar JSON quando os dados estiverem preenchidos



Preencher dados de PaMs utilizando a ferramenta de importação

1. Confirmar que os anos para reportar as reduções de emissões alcançadas e previstas são consistentes com as definições da versão
2. Preencher os dados na ferramenta de importação no Excel
3. Exportar o ficheiro JSON a partir da ferramenta de importação no Excel

2 Mitigation policies and measures

* Response required to continue

Would you like to specify the years for which estimated emission reductions will be reported?*

Yes No

Specify years to report achieved or expected emission reductions*
Please select at least one year.

Achieved years: 2020

Expected years: 2030, 2040

2030 2040

	Estimates of G5 Emission reductions (kt CO2 eq), k	2020 Achieved	2030 Expected	2040 Expected
4	Title	NE	400	800
5	Reduction of CO2 emission intensity in power sectors	NE	50	100
6	Promotion of the installation of LED road lighting	NE	250	500
7	Promotion of the use of public transportation	NE		
8				



Preencher dados de PaMs utilizando a ferramenta de importação

6. Importar o ficheiro JSON para a versão CTF selecionada
7. Verificar se os dados foram importados corretamente

The screenshot shows the PaMs software interface. At the top, there is a navigation bar with the following items: (C) ETF | PROGRESS, CTF versions (highlighted with an orange arrow), Data entry, Reporting tables, QA/QC, Json validator, and a user status indicator (PT, Online). Below the navigation bar, the status bar shows: Version: XYZ-CTF-NDC-2024-V0.38 | Status: Started | (C) DEFAULT. The user status is also shown as PT | Online.

The main area is titled "CTF versions" with the sub-instruction: "The list below contains all CTF versions and their status." A "Create Version" button is located in the top right corner of this section.

Below this, there is a table with the following columns: Year, Version name, Status, Version, Created date, and Updated. The table contains the following data:

Year	Version name	Status	Version	Created date	Updated
2024	XYZ-CTF-NDC-2024-V0.74	Started	(C) DEFAULT	2024-09-06	2024-09-09
2026	XYZ-CTF-NDC-2026-V0.1	Started	-	2024-07-05	2024-07-05
2025	XYZ-CTF-NDC-2025-V0.1	Started	-	2024-07-05	2024-08-15
2024	XYZ-CTF-NDC-2024-V0.73	Started	-	2024-08-28	2024-08-28

At the top right of the table area, there is a "Import .json file" button with an orange arrow pointing to it.

A modal dialog box is open in the bottom right corner, titled "File does not have a version number". It contains the message: "The .json file you are uploading does not have a version number." Below this, it says "Select a version to import data:" and shows a dropdown menu with the option "XYZ-CTF-NDC-2024-V0.38". The "Select" button is highlighted with an orange arrow.



Exercício 4

Adicionar e modificar dados para o Resumo Estruturado





Adicionar e modificar dados para o Resumo Estruturado

Visão geral



- Adicionar novas metas
- Adicionar indicadores e informações relacionadas
- Adicionar dados de monitorização do progresso
- Adicionar dados sobre o progresso alcançado
- Adicionar definições sobre a NDC
- Adicionar metodologias e abordagem de contabilidade
- Adicionar informações adicionais sobre a NDC



Adicionar novas metas

1. Clique no sinal + na secção *1.3 Objetivos e Indicadores*
2. Selecione o tipo de meta *Baseline/BAU*
3. Confirme que a nova meta foi criada

The screenshot shows a user interface for managing climate targets. At the top, a navigation bar includes 'ETF | PROGRESS', 'CTF versions', 'Data entry' (which is highlighted in green), 'Reporting tables', and 'QA/QC'. Below this, a status bar shows 'Version: XYZ-CTF-NDC-2024-V0.2 | Status: Started | © DEFAULT'. The main content area is a 'Navigation tree' with the following structure:

- 1. Structured summary
 - 1.1. Definitions
 - 1.2. Methodologies and accounting approaches
 - 1.3. Targets and indicators** (highlighted in blue)
 - 1.4. NDC
- 2. Mitigation policies and measures
 - 3. GHG Emissions from CRT
 - 4. Projection of GHG emissions and removals

A modal window titled 'Select Target type from the list' is open over the 'Targets and indicators' section. It contains the following options:

- Base-year emissions limitation/reduction
- Emission budget base-year
- Baseline / BAU (highlighted in blue)
- Trajectory
- Base-year intensity
- Other (quantitative)
- Other (qualitative)

Below the modal, the navigation tree shows the newly selected target type:

- 1. Structured summary
 - 1.1. Definitions
 - 1.2. Methodologies and accounting approaches
 - 1.3. Targets and indicators** (highlighted in blue)
 - 3. > 1. Target - Base-year emissions limitation/reduction (highlighted in red)
 - 1.4. NDC

On the right side of the interface, the text 'Data grid' is visible.



Introduzir informações sobre a meta

- Introduza as informações sobre a meta conforme o documento partilhado com o grupo

3. Target - Baseline / BAU

 Expand all

 Export

Baseline / BAU	
Target name 	GHG emissions reduction target of 30% below BAU by 2030
Target Year	2030
Target level ^b 	340,200.00
Baseline year	2030
Baseline level 	486,000.00



Adicionar indicadores e informações relacionadas

1. Clique no sinal + para adicionar um indicador
2. Preencha as informações do indicador

ETF | PROGRESS

CTF versions | Data entry | Reporting tables | QA/QC

Version: XYZ-CTF-NDC-2025-V1.5 | Status: Started

Users accessing: PT | Data synchronized | Online

Navigation tree

Options

2.1. Indicator

Indicator

Indicator name ^a	Net GHG Inventory Emissions
Indicator description	The indicator for tracking progress towards the NDC will be the ...
Information for the reference point(s), level(s), baseline(s), base year(s) or starting point(s), as appropriate ^b	The NDC target is defined as a 30% reduction relative to a BAU scenario for 2030. The BAU baseline projects net GHG emissions of 486,000 kt CO ₂ e in 2030. This projection is based on expected tren...
Definitions needed to understand the indicator ^d	The indicator for tracking progress towards the NDC will be the annual net emissions reported in the GHG inventory corresponding ...
Updates in accordance with any recalculations of the GHG inventory, as appropriate ^b	As this is the first time the indicator is reported, there are no updates to date. In future reporting, the indicator may be revised following ...
Relation to NDC ^c	The indicator is expressed using the same unit and metric as the ...

Comments and Custom Footnotes

Default Footnotes

Documentation box

Expand all

Export

Tracking Progress

Progress made

1.4. NDC

2. Mitigation policies and measures

2.1. Policies and Measures

Application version: a4a9e8b9df32a8027ab6004f0fc79e76 | Metadata version: 1.30.0 | Last synchronized: 2025-04-07 18:05 (UTC+2)

Adicionar dados de monitorização do progresso

1. Selecione *Monitorização do progresso* (“Tracking Progress”) na árvore de navegação
 2. Preencha os dados de monitorização do progresso
 3. Explore as opções de abordagens cooperativas

Version: XYZ-CTF-NDC-2024-V0.74 | Status: Started

Users acceconized | Online

Navigation tree

- 1. Structured summary
 - 1.1. Definitions
 - 1.2. Methodologies and accounting approaches
- 1.3. Targets and indicators
 - 1. Target -Base-year emissions limitation/reduction
 - Indicator(s)
 - 1.1. Indicator
 - Tracking Progress
 - Progress made
- 1.4. NDC

1.1. Indicator > Tracking Progress

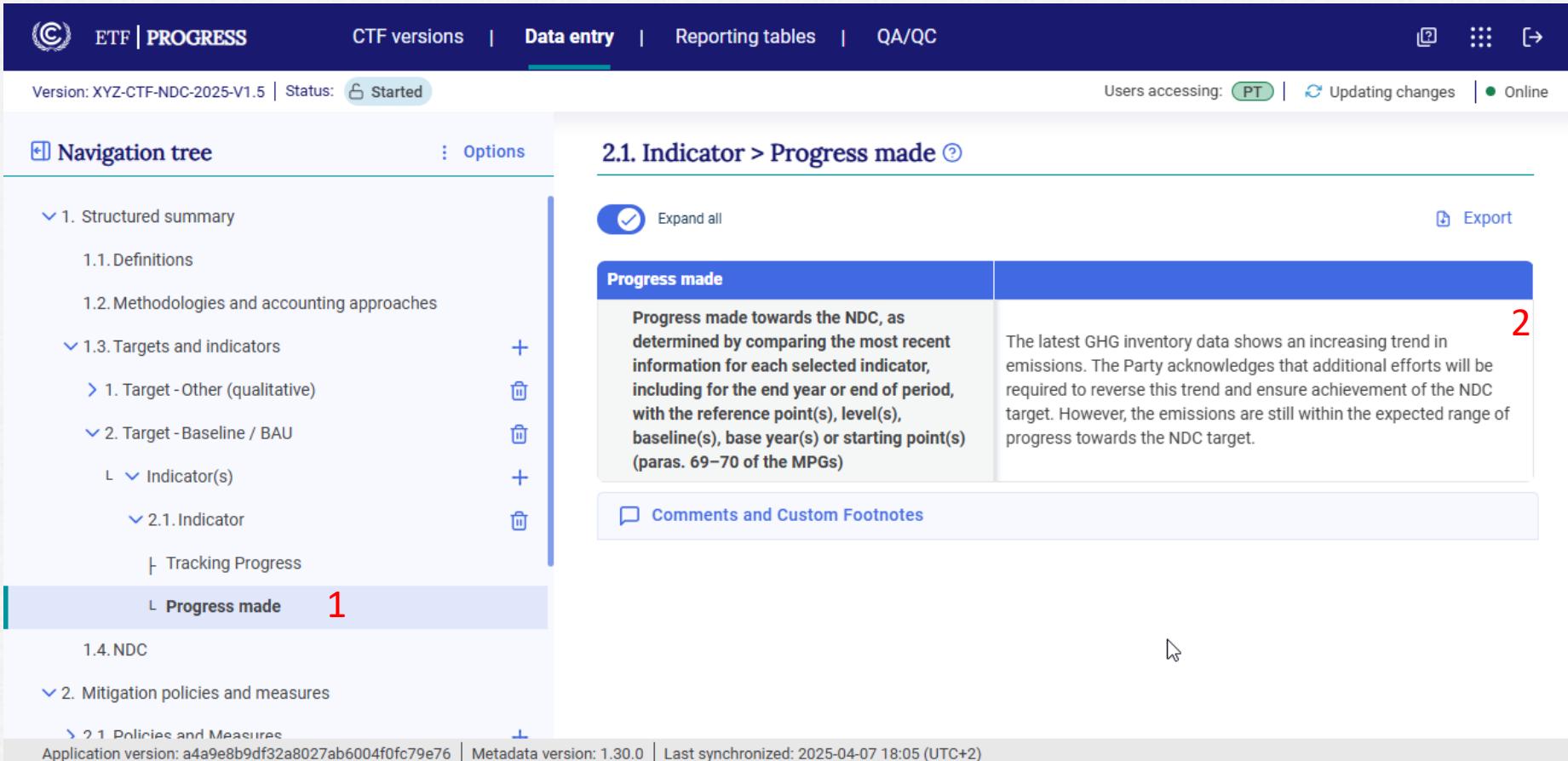
Expand all

	2021	2022
Test Indicator 1 <ul style="list-style-type: none">kt CO₂ equivalentSupporting information (if applicable)Where applicable, total GHG emissions and removals consistent with the coverage of the NDC (para. 77(b) of the MPGs) (in kt CO₂ equivalent)Contribution from the LULUCF sector for each year of the target period or target year, if not included in the inventory time series of total net GHG emissions and removals, as applicable (para. 77(c) of the MPGs) (in kt CO₂ equivalent)	2	
Click "+" to report on participation in...	3	

Comments and Custom Footnotes

Adicionar dados de monitorização do progresso

1. Selecione *Progresso alcançado* (“Progress made”) na árvore de navegação
2. Passo 2: Adicione a informação na caixa de texto



The screenshot shows the 'Data entry' tab of the CTF Progress interface. The navigation tree on the left highlights the 'Progress made' section, marked with a red '1'. The main content area displays the '2.1. Indicator > Progress made' section, also marked with a red '2'. The 'Progress made' table contains the following information:

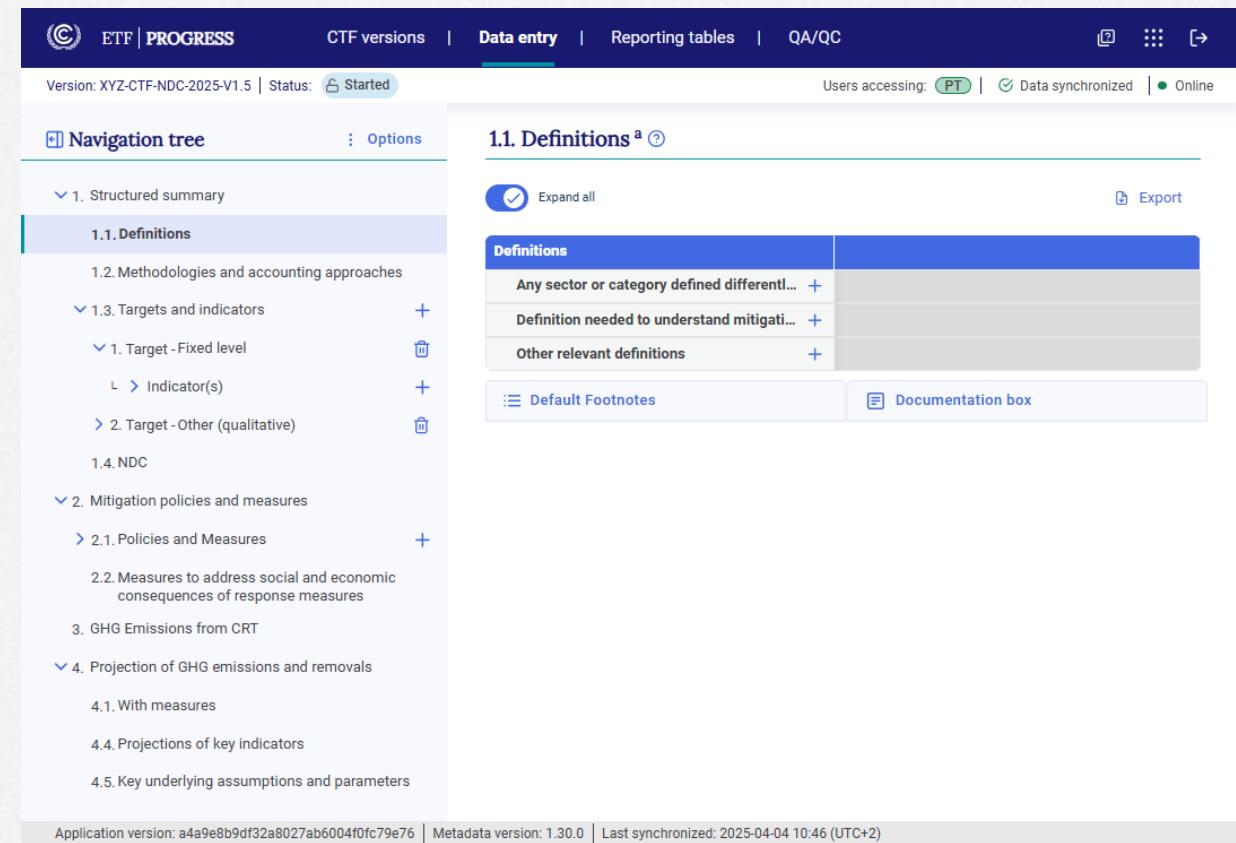
Progress made	
Progress made towards the NDC, as determined by comparing the most recent information for each selected indicator, including for the end year or end of period, with the reference point(s), level(s), baseline(s), base year(s) or starting point(s) (paras. 69–70 of the MPGs)	The latest GHG inventory data shows an increasing trend in emissions. The Party acknowledges that additional efforts will be required to reverse this trend and ensure achievement of the NDC target. However, the emissions are still within the expected range of progress towards the NDC target.

Below the table is a 'Comments and Custom Footnotes' section.

Page footer: Application version: a4a9e8b9df32a8027ab6004f0fc79e76 | Metadata version: 1.30.0 | Last synchronized: 2025-04-07 18:05 (UTC+2)

Adicionar definições sobre a NDC

1. Navegue até *1.1 Definições* (“1.1 Definitions”)
2. Adicione uma nova definição em cada uma das 3 categorias (a definição do indicador é inserida na grelha de introdução de dados do indicador)



The screenshot shows the CTF (Climate Transparency Framework) Data entry interface. The top navigation bar includes 'ETF | PROGRESS', 'CTF versions', 'Data entry' (which is underlined in blue), 'Reporting tables', 'QA/QC', and various status indicators. The main content area has a 'Navigation tree' on the left and a '1.1. Definitions' section on the right. The navigation tree includes sections like '1. Structured summary', '1.1. Definitions' (which is expanded), '1.2. Methodologies and accounting approaches', '1.3. Targets and indicators' (expanded), '1.4. NDC', '2. Mitigation policies and measures' (expanded), '3. GHG Emissions from CRT', and '4. Projection of GHG emissions and removals'. The '1.1. Definitions' section on the right contains a table with three rows: 'Any sector or category defined differentl...', 'Definition needed to understand mitigati...', and 'Other relevant definitions'. There are buttons for 'Expand all' and 'Export'.

Adicionar uma metodologias e abordagem de contabilidade

1. Navegue até *1.2 Metodologias e abordagem de contabilidade* (“Methodologies and accounting approaches”)
2. Preencher o campo *Descrição* (“Description”)

Version: XYZ-CTF-NDC-2025-V1.5 | Status: Started

Users accessing: PT | Data synchronized | Online

Methodologies and accounting approaches	Description or reference to the relevant section of the BTR
For the first NDC under Article 4: ^a	Accounting approach, including how it is c...
For the second and subsequent NDC under Article 4, and optionally for the first NDC under Article 4: ^b	Information on how the accounting approa...
For each NDC under Article 4: ^b	Explain how the accounting for anthropog...
	Explain how consistency has been maintai...
	Explain how overestimation or underestim...
	Accounting for anthropogenic emissio...

Expand all Export

Navigation tree Options

- 1. Structured summary
 - 1.1. Definitions
 - 1.2. Methodologies and accounting approaches**
 - 1.3. Targets and indicators
 - 1.4. NDC
- 2. Mitigation policies and measures
 - 2.1. Policies and Measures
 - 2.2. Measures to address social and economic consequences of response measures
 - 3. GHG Emissions from CRT
 - 4. Projection of GHG emissions and removals
 - 4.1. With measures
 - 4.4. Projections of key indicators
 - 4.5. Key underlying assumptions and parameters

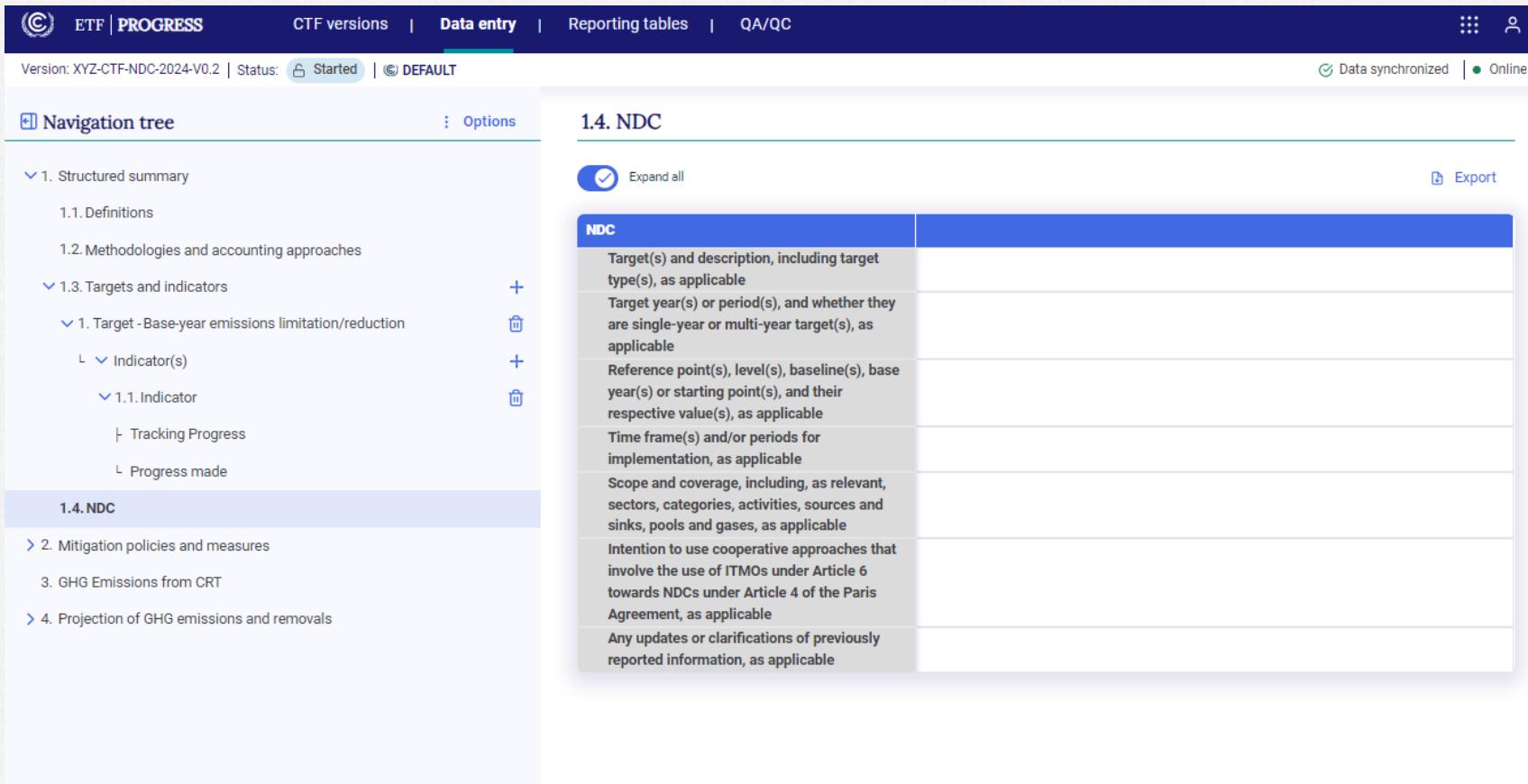
Comments and Custom Footnotes Default Footnotes Documentation box

Application version: a4a9e8b9df32a8027ab6004f0fc79e76 | Metadata version: 1.30.0 | Last synchronized: 2025-04-04 11:14 (UTC+2)



Adicionar informações sobre a NDC

- Preencher a informação sobre a NDC de acordo com o documento partilhado com o grupo



The screenshot shows the UN Climate Change NDC Data Entry interface. The top navigation bar includes links for 'ETF | PROGRESS', 'CTF versions', 'Data entry' (which is the active tab), 'Reporting tables', and 'QA/QC'. The status bar indicates 'Data synchronized' and 'Online'.

The left sidebar, titled 'Navigation tree', shows a hierarchical structure of sections: 1. Structured summary, 1.1. Definitions, 1.2. Methodologies and accounting approaches, 1.3. Targets and indicators, 1.4. NDC (which is selected and highlighted in blue), 2. Mitigation policies and measures, 3. GHG Emissions from CRT, and 4. Projection of GHG emissions and removals. Each section has a '+' icon to expand it.

The main content area is titled '1.4. NDC' and contains a table with one row. The table has a header 'NDC' and a detailed description of the target(s) and description, including target type(s), as applicable. The description also covers target year(s) or period(s), reference point(s), time frame(s), scope and coverage, intention to use cooperative approaches, and any updates or clarifications of previously reported information.



Exercício 5

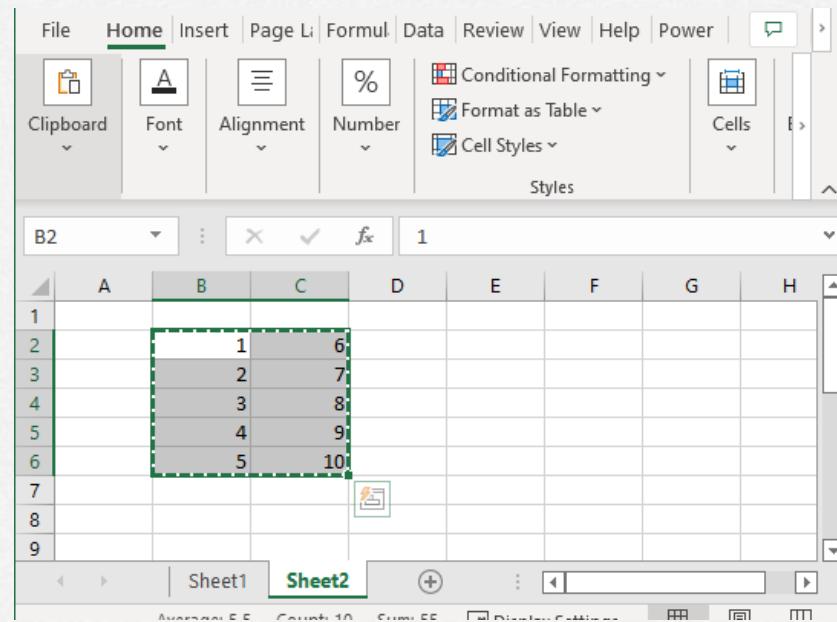
Adicionar e modificar dados para Projeções



Copiar/colar dados do Excel

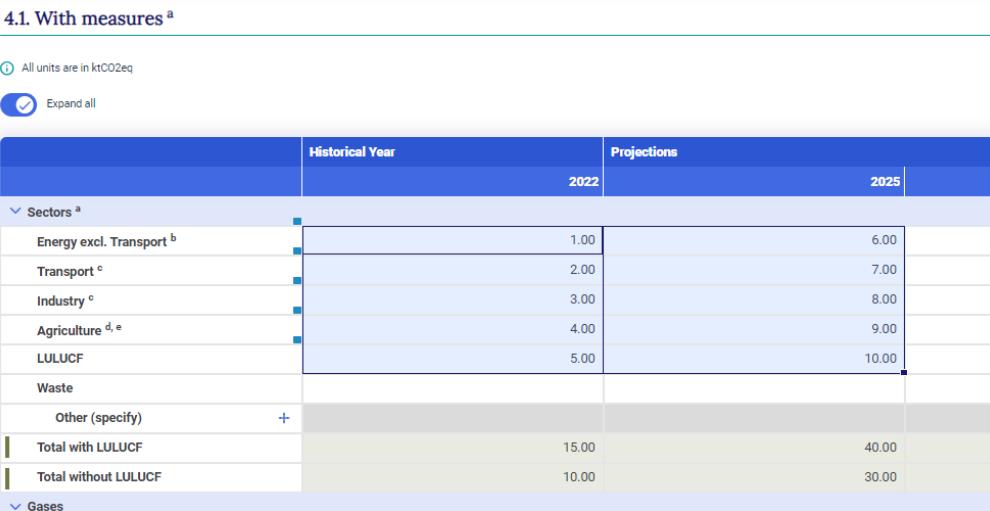
1. Introduza alguns dados no Excel
2. Utilize a função de copiar do Excel
3. Prima Ctrl+V na ferramenta de submissão para colar os dados
4. Visualize os dados copiados

Nota: a área de dados copiados não pode ser maior do que a área destino na ferramenta de submissão



A screenshot of Microsoft Excel showing a 5x2 grid of data in cells B2 to C6. The data is as follows:

	B	C
1	1	6
2	2	7
3	3	8
4	4	9
5	5	10



4.1. With measures ^a

All units are in ktCO₂eq

Expand all

	Historical Year	Projections
	2022	2025
Sectors ^a		
Energy excl. Transport ^b	1.00	6.00
Transport ^c	2.00	7.00
Industry ^c	3.00	8.00
Agriculture ^{d, e}	4.00	9.00
LULUCF	5.00	10.00
Waste		
Other (specify)		
Total with LULUCF	15.00	40.00
Total without LULUCF	10.00	30.00
Gases		

Unable to paste data.
The number of rows you're trying to paste exceeds the available space in the grid.



Exercício 6

Gerar e descarregar tabelas CTF



United Nations
Climate Change



Exercício 8: Gerar e descarregar tabelas CTF

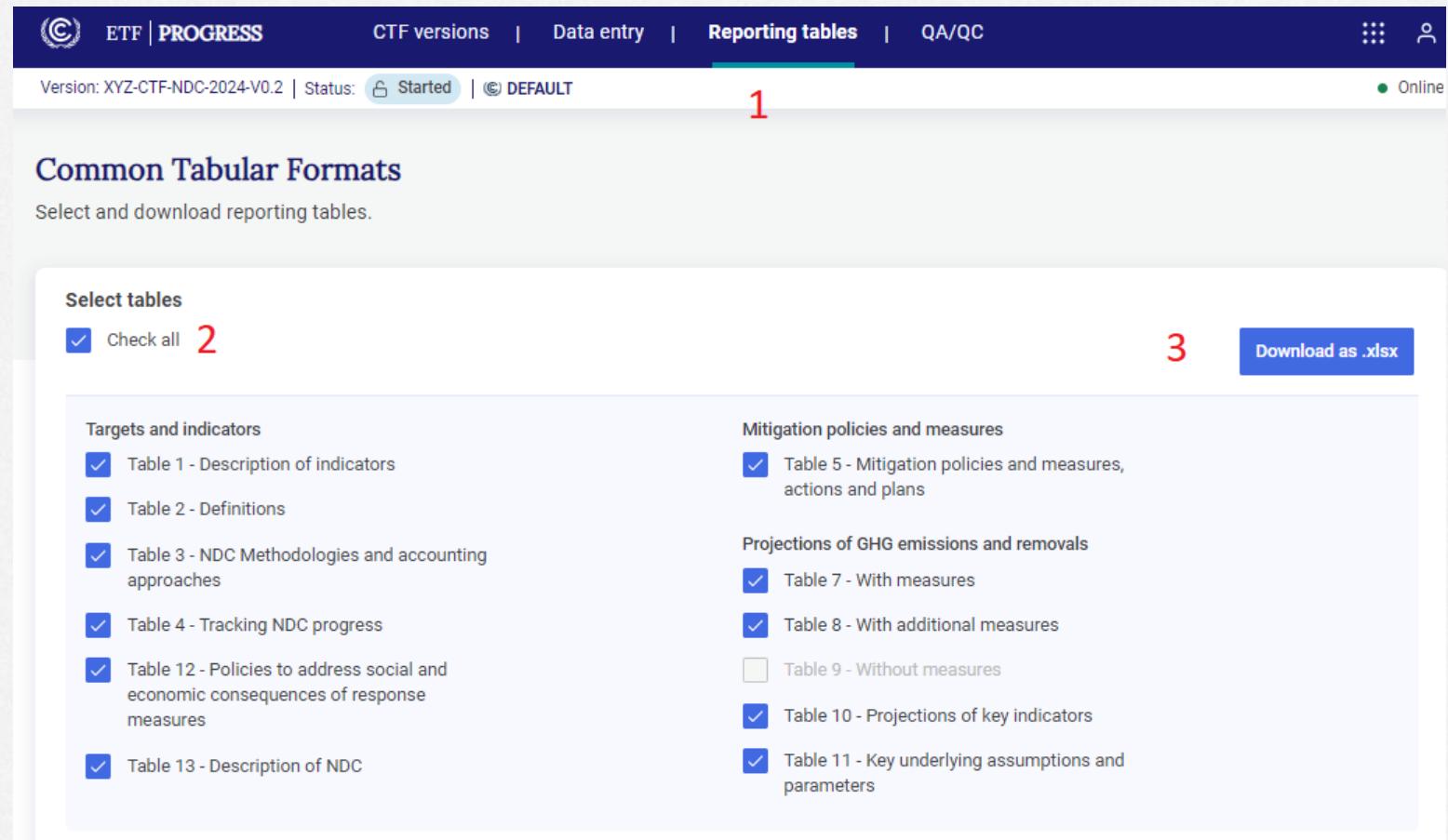
Visão geral

- Selecionar tabelas CTF para descarregar
- Visualizar tabelas CTF



Exercício 8: Selecionar tabelas CTF para descargar

1. Selecione o separador *Tabelas de reporte* (“Reporting tables”)
2. Clique em *Selecionar todas* (“Check all”)
3. Clique em *Descargar como .xlsx* (“Download as .xlsx”) e depois em *Guardar*



CTF versions | Data entry | **Reporting tables** | QA/QC

Version: XYZ-CTF-NDC-2024-V0.2 | Status: Started | © DEFAULT

1

Common Tabular Formats

Select and download reporting tables.

2

Select tables

Check all

3

Targets and indicators

- Table 1 - Description of indicators
- Table 2 - Definitions
- Table 3 - NDC Methodologies and accounting approaches
- Table 4 - Tracking NDC progress
- Table 12 - Policies to address social and economic consequences of response measures
- Table 13 - Description of NDC

Mitigation policies and measures

- Table 5 - Mitigation policies and measures, actions and plans

Projections of GHG emissions and removals

- Table 7 - With measures
- Table 8 - With additional measures
- Table 9 - Without measures

Table 10 - Projections of key indicators

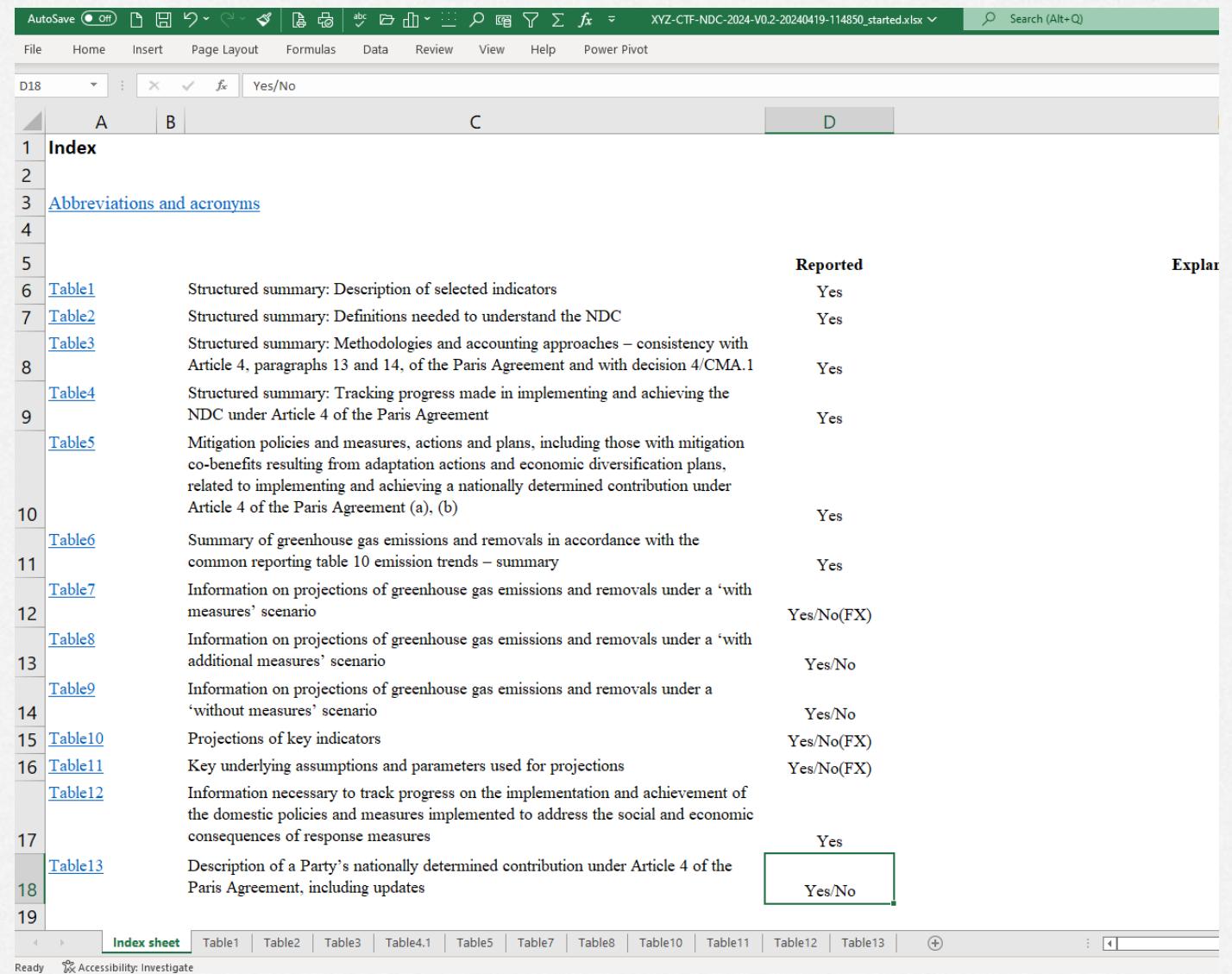
Table 11 - Key underlying assumptions and parameters

Download as .xlsx



Exercício 8: Visualizar tabelas CTF

- Abrir o ficheiro descarregado e verificar todas as folhas



		Reported	Explar
1	Index		
2			
3	<u>Abbreviations and acronyms</u>		
4			
5			
6	<u>Table1</u>	Yes	
7	<u>Table2</u>	Yes	
8	<u>Table3</u>	Yes	
9	<u>Table4</u>	Yes	
10	<u>Table5</u>	Yes	
11	<u>Table6</u>	Yes	
12	<u>Table7</u>	Yes/No(FX)	
13	<u>Table8</u>	Yes/No	
14	<u>Table9</u>	Yes/No	
15	<u>Table10</u>	Yes/No(FX)	
16	<u>Table11</u>	Yes/No(FX)	
17	<u>Table12</u>		
18	<u>Table13</u>	Yes	
19		Yes/No	



Página de Ajuda da Ferramenta de Reporte do ETF

ETF | PROGRESS

CTF versions | Data entry | Reporting tables | QA/QC

Version: XYZ-CTF-NDC-2025-V1.5 | Status: Started

Users accessing: PT | Data synchronized | Online

Navigation tree

Options

- 1. Structured summary
 - 1.1. Definitions
 - 1.2. Methodologies and accounting approaches
 - 1.3. Targets and indicators
 - 1.4. NDC
- 2. Mitigation policies and measures
 - 2.1. Policies and Measures
 - 2.2. Measures to address social and economic consequences of response measures
 - 3. GHG Emissions from CRT
- 4. Projection of GHG emissions and removals
 - 4.1. With measures
 - 4.4. Projections of key indicators
 - 4.5. Key underlying assumptions and parameters

Please select data grid from the navigation tree

Application version: a4a9e8b9df32a8027ab6004f0fc79e76 | Metadata version: 1.30.0 | Last synchronized: 2025-04-03 22:04 (UTC+2)



Página de Ajuda da Ferramenta de Reporte do ETF

User manuals
and training
materials

Technical
documentation

Frequently
asked
questions

Report issues
and incidents

Title	Links	Description					
ETF Reporting Tool Manual	<ul style="list-style-type: none">ETF GHG inventory reporting tool manualETFPETFSETFU	<p>This page provides the unique identifier (UID), structure of metadata and data exchange standards in the JSON format, together with the description documents for the ETF Reporting Tools. These documents provide a general understanding of the metadata and data exchange standard structure.</p> <p>It should be noted that these documents are not final and are subject to change during the development of the ETF Reporting Tools. Revised versions will be published as soon as they are available.</p> <p>ETF GHG Inventory Reporting Tool</p> <p>CRT UIDs</p> <p>The UID is associated with each cell (variables) in the reporting tables, which can be used, e.g., to map the variables to the national system. The UIDs for the Energy,IPPU,Agriculture,LULUCF and Waste sector (based on CRT version 2.83) can be accessed using the links below.</p> <table border="1"><tr><td>Energy</td></tr><tr><td>IPPU</td></tr><tr><td>Agriculture</td></tr><tr><td>LULUCF</td></tr><tr><td>Waste</td></tr></table>	Energy	IPPU	Agriculture	LULUCF	Waste
Energy							
IPPU							
Agriculture							
LULUCF							
Waste							
ETF User Management Tool Video	<ul style="list-style-type: none">User Management Tool Video						
Live Demonstration of the ETF Reporting Tools	<ul style="list-style-type: none">Live Demonstration						
Email at: tools.support@unfccc.int	<p>Metadata and Data exchange JSON</p> <table border="1"><tr><td>CRT Metadata JSON Description Document</td></tr><tr><td>CRT Metadata JSON</td></tr><tr><td>CRT Data Exchange JSON Description Document</td></tr><tr><td>CRT Data Exchange Sample JSON</td></tr><tr><td>CRT Data Exchange Sample with description JSON</td></tr></table>	CRT Metadata JSON Description Document	CRT Metadata JSON	CRT Data Exchange JSON Description Document	CRT Data Exchange Sample JSON	CRT Data Exchange Sample with description JSON	<ul style="list-style-type: none">Q&A session on Monday, 29 April ↗Q&A session on Tuesday, 30 April ↗
CRT Metadata JSON Description Document							
CRT Metadata JSON							
CRT Data Exchange JSON Description Document							
CRT Data Exchange Sample JSON							
CRT Data Exchange Sample with description JSON							



Obrigado!



United Nations
Climate Change

Obrigado pela sua participação!!

Junte-se ao grupo do LinkedIn **Transparency**
para se manter informado sobre as nossas últimas
atualizações, eventos futuros e muito mais em:
<https://www.linkedin.com/groups/13910606/>

Vamos trabalhar **#Together4Transparency**
Saiba mais em: <https://unfccc.int/Transparency>

Contacte-nos através de: Tools.Support@unfccc.int



Anexo

Informação adicional sobre a ferramenta de reporte



United Nations
Climate Change

Common features across the three tools

Upper banner

The screenshot shows the 'Inventories' section of the ETF GHG INVENTORY tool. The interface includes a top navigation bar with links for Inventories, Data entry, Reporting tables, QA/QC, and Json validator. Below the navigation is a status bar showing 'Version: XYZ-CRT-2024-V1.72 | Status: Started'. The main content area displays a table of reporting tables, with columns for Year, Version, Created date, Updated date, and Flag for review. A callout box labeled 'Current tool' points to the 'Reporting tables' link. Other callout boxes highlight various features: 'Create a submission, access to submission versions and editing of submission settings' (near the top left), 'View and enter data into the ETF reporting tool' (near the bottom left), 'Generate and download reporting tables for submission to the UNFCCC' (center), 'Data validation checks' (center), 'Checking and validation of json import files' (center right), and 'Access to help page and support materials. Shortcut to ETF reporting tools' (bottom right).

Current tool

Create a submission, access to submission versions and editing of submission settings

View and enter data into the ETF reporting tool

Generate and download reporting tables for submission to the UNFCCC

Data validation checks

Checking and validation of json import files

Access to help page and support materials. Shortcut to ETF reporting tools

Common features across the three tools

Navigation tree and status indicators

The screenshot shows the 'Data entry' interface of the GHG Inventory system. At the top, there is a navigation bar with the following items: 'Inventories', 'Data entry' (which is highlighted in blue), 'Reporting tables', 'QA/QC', 'Json validator', and user icons. Below the navigation bar, the status bar displays 'Version: XYZ-CRT-2024-V1.72 | Status: Started'. The main content area features a 'Navigation tree' on the left, which includes a list of categories: 'Sectors/Totals', '1. Energy', '2. Industrial', '3. Agriculture', '4. Land use, land-use change and forestry', '5. Waste', '6. Other (please specify)', and 'Documentation box'. To the right of the navigation tree, there is a large central area with the following features:

- Active submission indicator** (orange callout, top right of navigation tree): A small orange box with a white exclamation mark icon.
- Version status** (Initiated, Started, QC, Approved, Rejected, Submitted, Published) (orange callout, above central area): A box containing a list of status options.
- Import/export options** (orange callout, below central area): A box containing a 'Select data grid' icon.
- Sync status** (synchronized, updating, paused) (orange callout, top right of central area): A box containing a 'Sync' icon.
- Users working on the submission** (orange callout, right side): A box containing a list of users: 'PT' (Data synchronized), 'Data synchronized', and 'Online'.
- Online/Offline indicator** (orange callout, bottom right): A box containing a 'Sync' icon.
- Date and time of last synchronization** (orange callout, bottom right): A box containing the text 'Last synchronized: 2024-09-12 10:13 (UTC+2)'.

At the bottom of the interface, there is a footer bar with the text: 'Application version: e14a3ac4fd4b45c5c484ee2f59155e11 | Metadata version: 1.27.4 | Last synchronized: 2024-09-12 10:13 (UTC+2)'.

Common features across the three tools

Data entry grids

The screenshot shows a data entry grid interface with several features highlighted:

- Navigation tree:** On the left, a tree view showing categories like 1.4. Technology (Table III.4) and 2.2. Financial (Table III.4). A callout box labeled "Rename or delete entry nodes" points to the edit and delete icons for the tree items.
- Comments and footnotes area:** A callout box labeled "Comments and footnotes area" points to the "Comments and Custom Footnotes" button at the bottom of the grid.
- Expand/collapse toggle:** A callout box labeled "Expand/collapse toggle" points to the "Expand all" button in the top left of the grid.
- Row titles:** A callout box labeled "Row titles" points to the first row of the grid, which includes columns for "Programme/project description" and "Sector".
- Color codes:** A callout box labeled "Color codes: Grey – calculated values White – data entry cells" points to the grid cells. Grey cells represent calculated values, and white cells represent data entry cells.
- Data entry error indicator:** A callout box labeled "Data entry error indicator" points to a red error icon in the bottom right corner of the grid.
- Export:** A callout box labeled "Export current grid" points to the "Export" button in the top right of the grid.

Programme/project description	Sector	Subsector	Amount	Expected financial instrument	Comments and Custom Footnotes
Electricity production from photovoltaic renewable energy	Energy	Photovoltaic	Estimated amount (climate-specific)	Domestic currency	200,000.00
				USD	25,000.00
					55 •
				2030	2030
				Grant	Grant
				Mitigation	Mitigation

Application version: afb74d169ca22a647e85d05fc6c0ca8d | Metadata version: 1.27.2 | Last synchronized: 2024-09-12 10:43 (UTC+2)

Common features across the three tools

Dropdown options

2.1. Financial (Table III.6) > Photovoltaic energy production ^{c, d}

Expand all Export

Type of support ^c	Mitigation ▼
Anchored in a national strategy and/or on NDC ^c	Adaptation
Expected use, impacts and estimated results ^c	Mitigation ✓
Additional information ^f	Cross-cutting
Contribution to technology development and transfer objectives ^c	duced by 2030
Programme/project description	, p.70 of the BTR1
Sector	Yes ▼
Subsector	Energy ▼
Type of support	<input type="checkbox"/> UA Photo
Type of technology	<input type="checkbox"/> test Mitigation
Expected time frame	<input type="checkbox"/> E2E Subsector test (Table III.1) Photo
from	<input type="checkbox"/> NR 2022
to	<input type="checkbox"/> subsector additional 2030
Expected use, impacts and estimated results	<input type="checkbox"/> Sub Sector 1
Additional information	<input type="checkbox"/> + Custom name

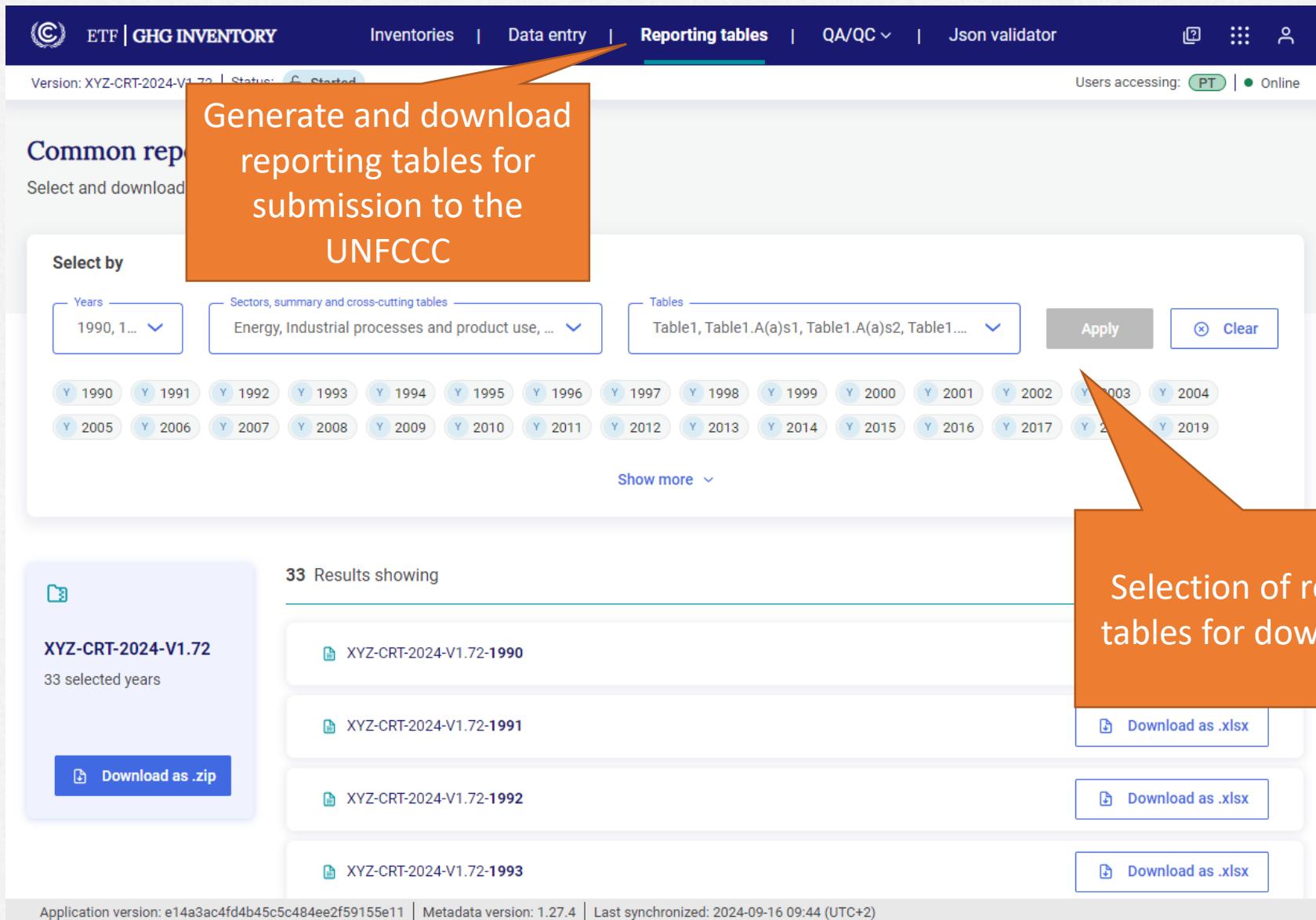
Comments and Custom Footnotes Default Footnotes

Dropdowns with single fixed selection

Extendable multi-select dropdowns with standard and custom options

Common features across the three tools

Reporting tables



Generate and download reporting tables for submission to the UNFCCC

Common reporting tables

Select and download reporting tables

Select by

Years: 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019

Sectors, summary and cross-cutting tables: Energy, Industrial processes and product use,...

Tables: Table1, Table1.A(a)s1, Table1.A(a)s2, Table1....

Apply, Clear

33 Results showing

XYZ-CRT-2024-V1.72

33 selected years

Download as .zip

XYZ-CRT-2024-V1.72-1990

XYZ-CRT-2024-V1.72-1991

XYZ-CRT-2024-V1.72-1992

XYZ-CRT-2024-V1.72-1993

Download as .xlsx

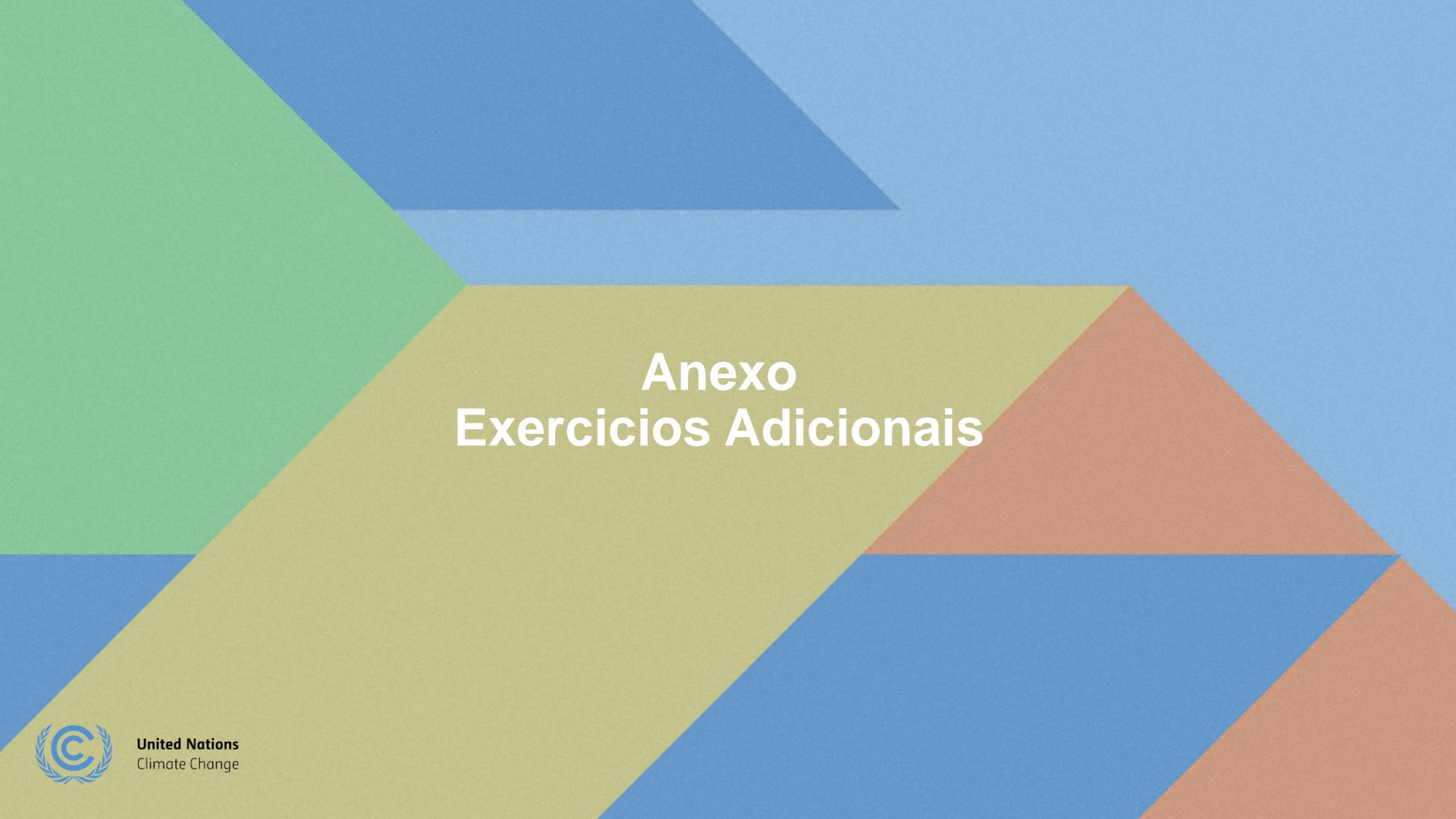
Download as .xlsx

Download as .xlsx

Users accessing: PT | Online

Application version: e14a3ac4fd4b45c5c484ee2f59155e11 | Metadata version: 1.27.4 | Last synchronized: 2024-09-16 09:44 (UTC+2)

Selection of reporting tables for downloading



Anexo Exercícios Adicionais



Exercício Adicional

Visualizar e aceder a versões CTF; modificar configurações



Exercício 2: Visualizar e aceder a versões de submissões e modificar configurações

Índice

- Visualizar diferentes versões de submissões CTF
- Filtrar/ordenar versões CTF
- Editar configurações da versão



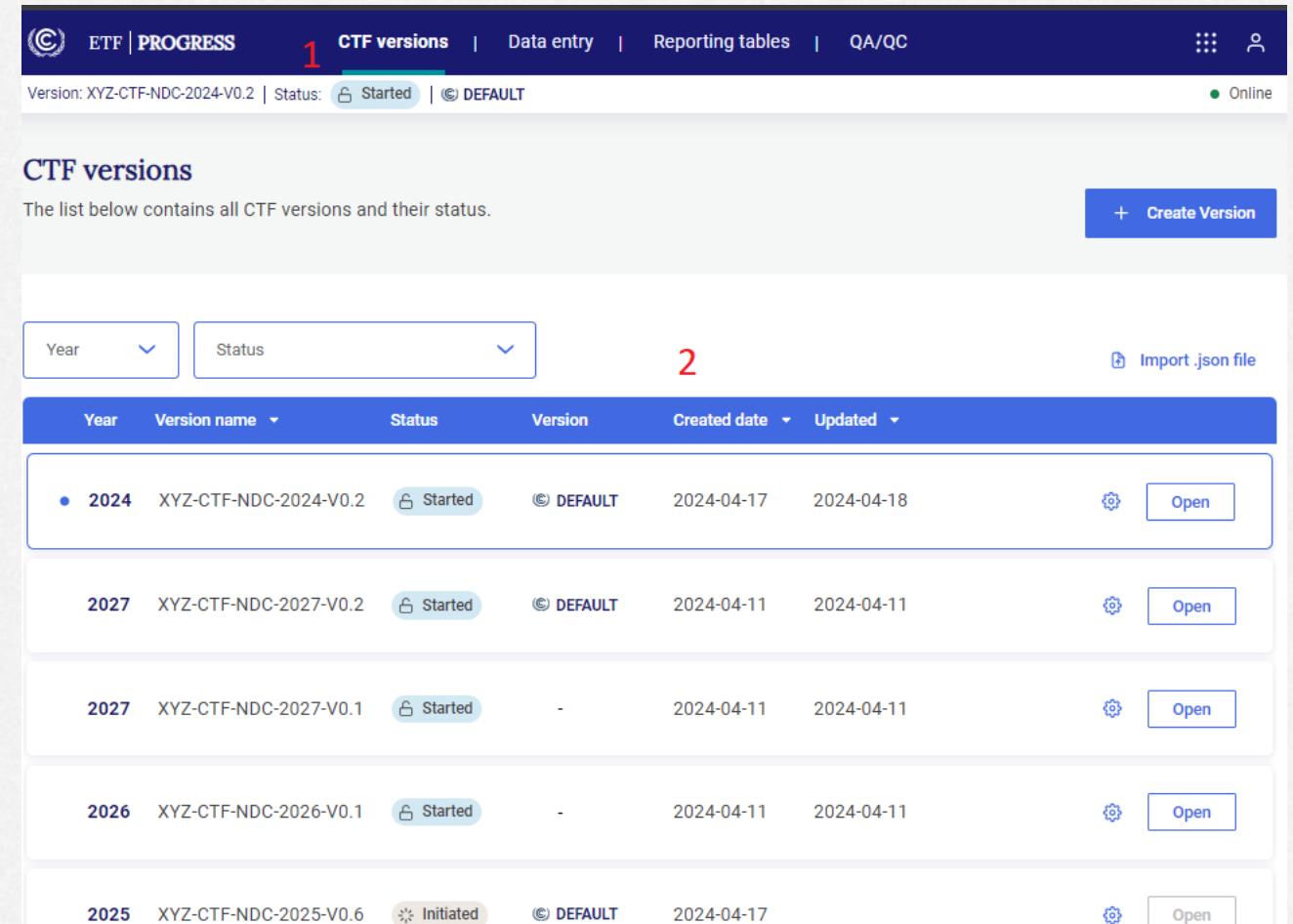
*Ler QR code para baixar
esta apresentação*



United Nations
Climate Change

Exercício 2: Visualizar diferentes versões de submissões CTF

1. Clique no separador das versões CTF
2. Visualize as informações associadas a cada versão



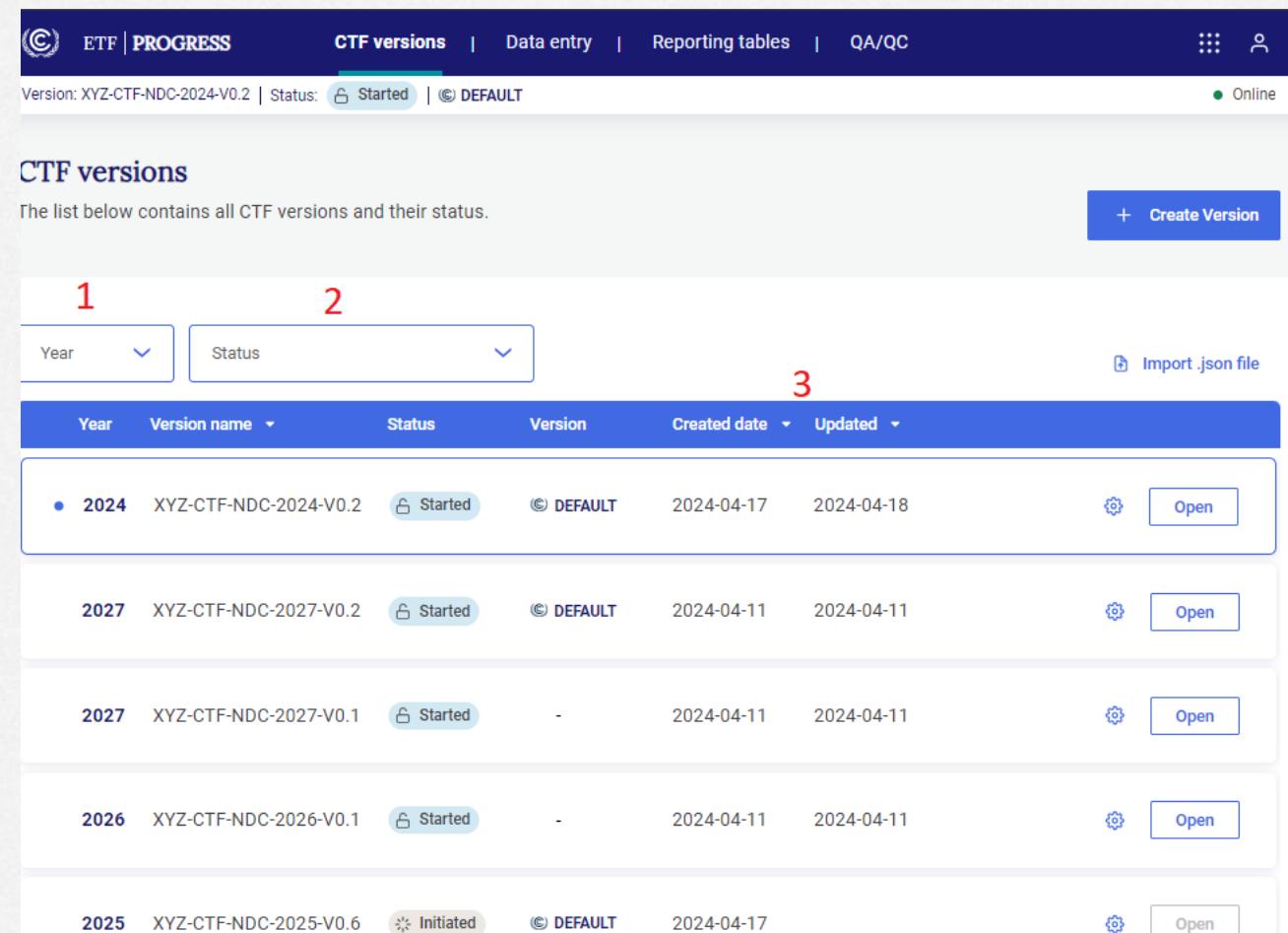
The screenshot shows a software interface for managing CTF (Climate Target Form) submissions. The top navigation bar includes links for 'ETF | PROGRESS', 'CTF versions' (which is the active tab, highlighted in red), 'Data entry', 'Reporting tables', and 'QA/QC'. Below the bar, status information is displayed: 'Version: XYZ-CTF-NDC-2024-V0.2 | Status: Started | © DEFAULT'. A green 'Online' status indicator is also present. On the right side of the header is a 'Create Version' button. The main content area is titled 'CTF versions' and contains a sub-instruction: 'The list below contains all CTF versions and their status.' Below this is a table with the following data:

Year	Version name	Status	Version	Created date	Updated	Actions
2024	XYZ-CTF-NDC-2024-V0.2	Started	© DEFAULT	2024-04-17	2024-04-18	
2027	XYZ-CTF-NDC-2027-V0.2	Started	© DEFAULT	2024-04-11	2024-04-11	
2027	XYZ-CTF-NDC-2027-V0.1	Started	-	2024-04-11	2024-04-11	
2026	XYZ-CTF-NDC-2026-V0.1	Started	-	2024-04-11	2024-04-11	
2025	XYZ-CTF-NDC-2025-V0.6	Initiated	© DEFAULT	2024-04-17		



Exercício 2: Filtrar/ordenar versões CTF

1. Escolher o ano para visualizar as versões correspondentes
2. Escolher o estado da versão
3. Ordenar a lista pela data de criação e atualização



The screenshot shows a web interface for managing CTF versions. At the top, there are navigation links: 'ETF | PROGRESS', 'CTF versions' (which is the active tab), 'Data entry', 'Reporting tables', and 'QA/QC'. Below the navigation is a status bar with 'Version: XYZ-CTF-NDC-2024-V0.2', 'Status: Started', and 'DEFAULT'. On the right, there is an 'Online' status indicator. The main content area is titled 'CTF versions' and contains a sub-instruction: 'The list below contains all CTF versions and their status.' A 'Create Version' button is located on the right. Below this, there are two dropdown filters: 'Year' (set to 2024) and 'Status' (set to Started). A third dropdown filter 'Status' is also present in the table header. The table has columns: Year, Version name, Status, Version, Created date, Updated, and Actions. The data in the table is as follows:

Year	Version name	Status	Version	Created date	Updated	Actions
2024	XYZ-CTF-NDC-2024-V0.2	Started	DEFAULT	2024-04-17	2024-04-18	 
2027	XYZ-CTF-NDC-2027-V0.2	Started	DEFAULT	2024-04-11	2024-04-11	 
2027	XYZ-CTF-NDC-2027-V0.1	Started	-	2024-04-11	2024-04-11	 
2026	XYZ-CTF-NDC-2026-V0.1	Started	-	2024-04-11	2024-04-11	 
2025	XYZ-CTF-NDC-2025-V0.6	Initiated	DEFAULT	2024-04-17		 



Exercício 2: Editar definições da versão

1. Selecione *Editar definições da versão* (“Edit version settings”) para a versão em que está a trabalhar
2. Vá às definições de *Projeções* (“Projections”) e altere o ano final para 2035
3. Selecione *Ir para introdução de dados* (“Go to data entry”)
4. Descarregue e visualize o ficheiro de registo (“Log file”)
5. Selecione *Guardar e ir para introdução de dados* (“Save and go to data entry”)

The screenshot shows the UN Climate Change Platform interface. At the top, a table lists versions: '2024 XYZ-CTF-NDC-2024-V0.2' and '2027 XYZ-CTF-NDC-2027-V0.2'. The '2024' row has a context menu with 'Edit Version settings' (marked 1) and 'Duplicate version'. Below the table, a sidebar shows steps 4 and 5: 'Structured summary Complete' and 'Projections Complete'. To the right, a 'Table 9 (without measures)' section is shown with a note: 'Please specify the end year for projections'. A dropdown menu shows '2035' (marked 2) as the selected year. A modal window titled 'Version Settings' (marked 3) is open, showing a list of completed steps: 1. Flexibility provisions, 2. Mitigation policy, 3. GHG Inventory, 4. Structured summary, and 5. Projections (marked 5). The modal contains an 'Attention' section with a warning: 'You have made the following changes to version settings: 5- Projections: Please specify the interim year(s) and end year for which projections are reported: 2025, 2035'. It also includes a warning: 'Warning: these changes may result in data loss. Download log file for details: Log file 4'. At the bottom, a message asks 'Are you sure you want to save these changes and go to data entry?' with 'Cancel' and 'Save and go to data entry' buttons (marked 5). The background shows a 'reported' section with a dropdown set to '2025' (marked 3) and a 'Years' dropdown also set to '2025' (marked 3). A 'Go to data entry' button is at the bottom right.



Exercício Adicional

Usar exportação/importação para adicionar e modificar dados





Exercício 7: Usar exportação/importação para adicionar e modificar dados

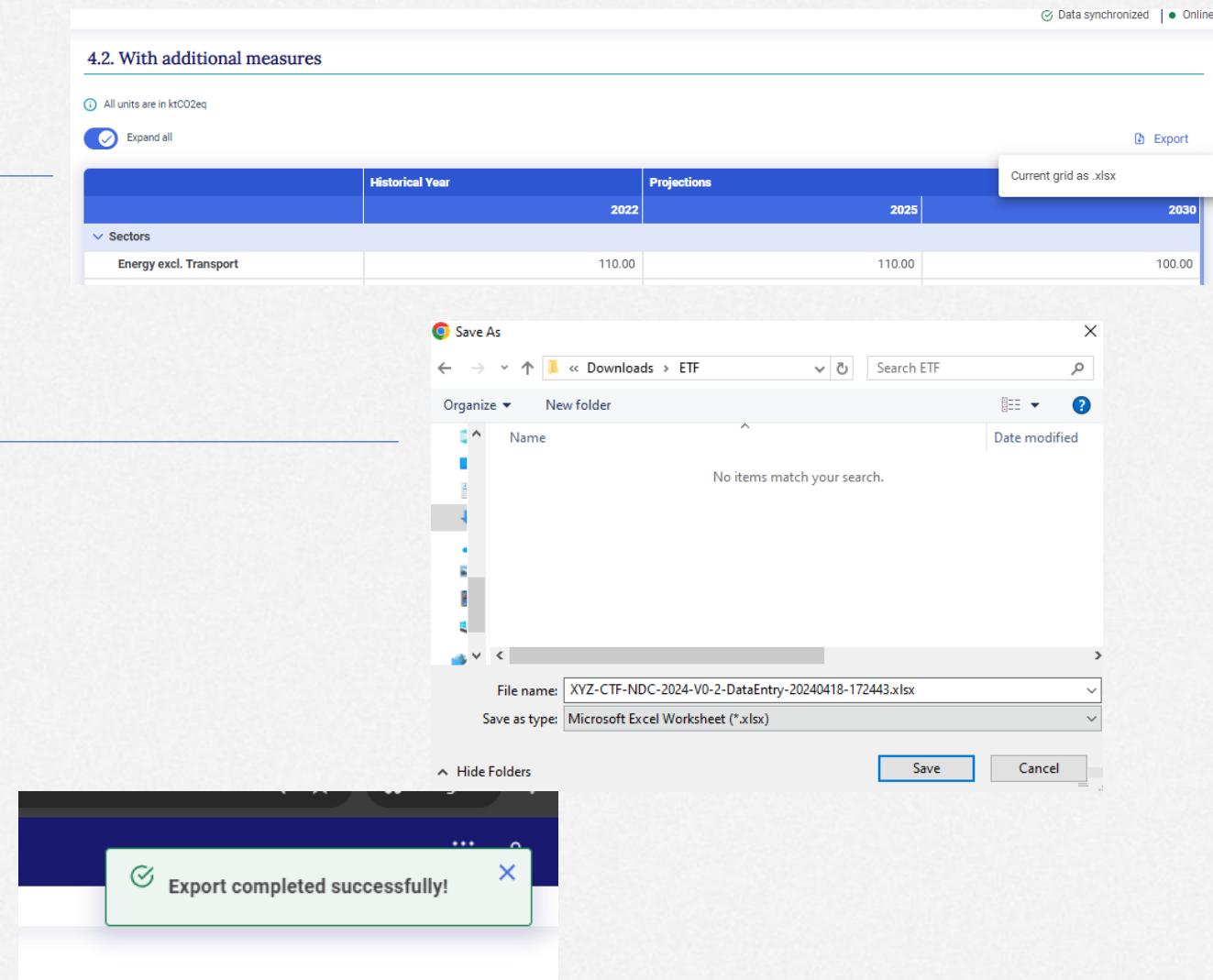
Visão geral

- Exportar a grelha de introdução de dados *Com medidas adicionais* (“With additional measures”) para Excel
- Adicionar e modificar dados no Excel
- Importar ficheiro Excel
- Modo de rascunho (“Draft mode”)
- Compreender o ficheiro de registo (“Log file”) e as mensagens de erro



Exercício 7: Exportar a grelha de introdução de dados para Excel

1. Clique em *Exportar* e selecione Grelha atual como .xlsx (“Current grid as .xlsx”)
2. Clique em *Guardar* (“Save”) para guardar com o nome de ficheiro sugerido
3. Verifique a mensagem de sucesso



Exercício 7: Adicionar e modificar dados no Excel

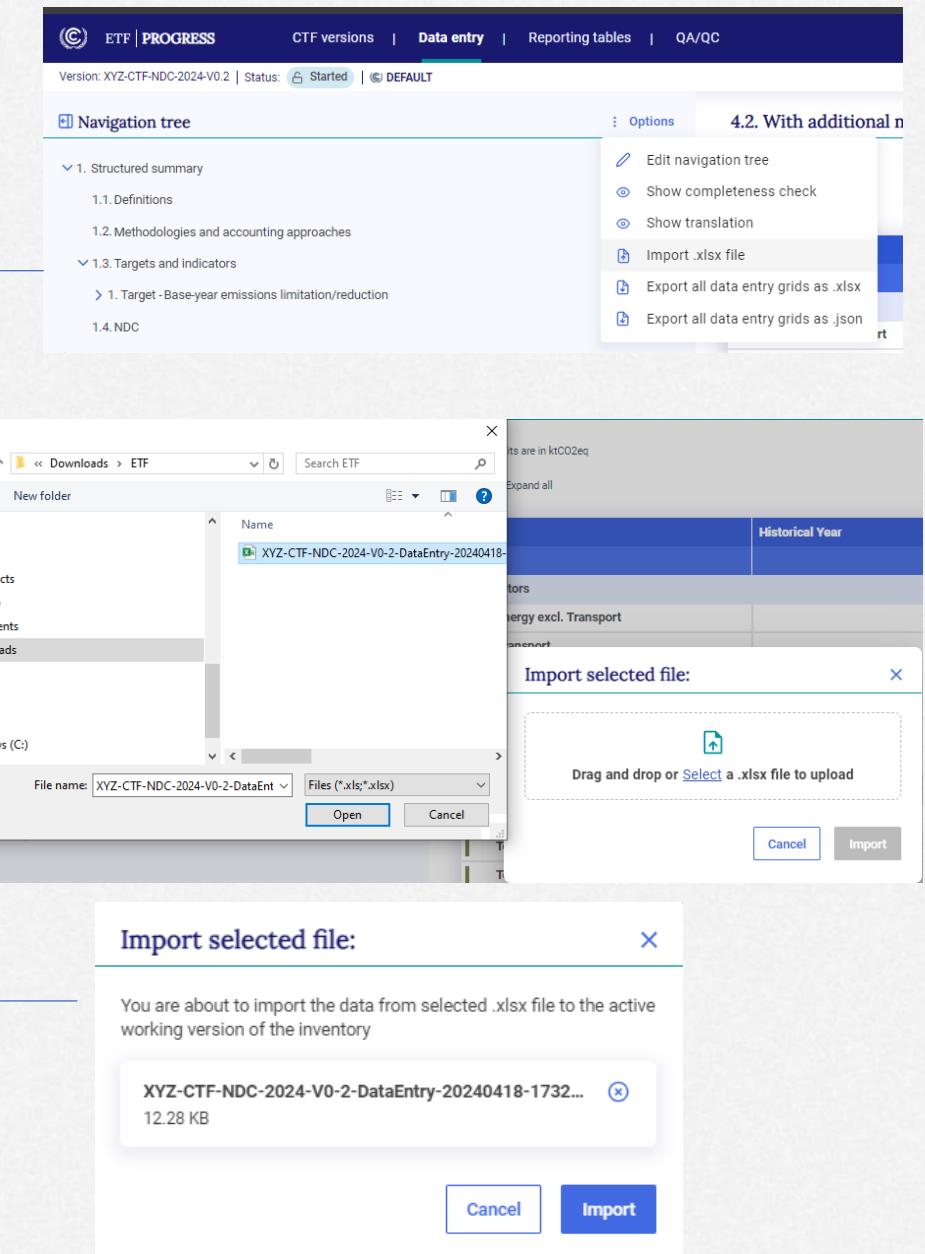
1. Abra o ficheiro no Excel
2. Modifique os valores no setor da Energia
3. Adicione valores ao setor personalizado
4. Guarde o ficheiro

1 Test		XYZ-CTF-NDC-2024-V0.2 Exported on: 2024-04-18 17:32:01 (UTC+2)		
2	> 4. Projection of GHG emissions and removals > 4.2. With additional measures			
3				
ID	Description	2022	2025	2030
01	Sectors			
02	Energy excl. Transport	100.00	90.00	80.00
03	Transport	65.00	70.00	60.00
04	Industry	80.00	60.00	50.00
05	Agriculture	45.00	50.00	60.00
06	LULUCF	-20.00	-20.00	-20.00
07	Waste	20.00	15.00	10.00
08	Other (specify)			
09	Refining	20	10	5
10	Total with LULUCF	300.00	285.00	260.00
11	Total without LULUCF	320.00	305.00	280.00
12	Gases			
13	CO ₂ emissions including net			
14	CO ₂ from LULUCF	248.00	228.00	208.00
15	CO ₂ emissions excluding net			
16	CO ₂ from LULUCF	264.00	244.00	224.00
17	CH ₄ emissions including CH ₄			



Exercício 7: Importar ficheiro Excel

1. No menu da árvore de navegação, selecione Importar .xlsx
2. Arraste e largue o ficheiro ou clique em *Selecionar* (“Select”) e utilize a janela do Windows para selecionar o ficheiro e clicar em *Abrir* (“Open”)
3. Clique em *Importar*



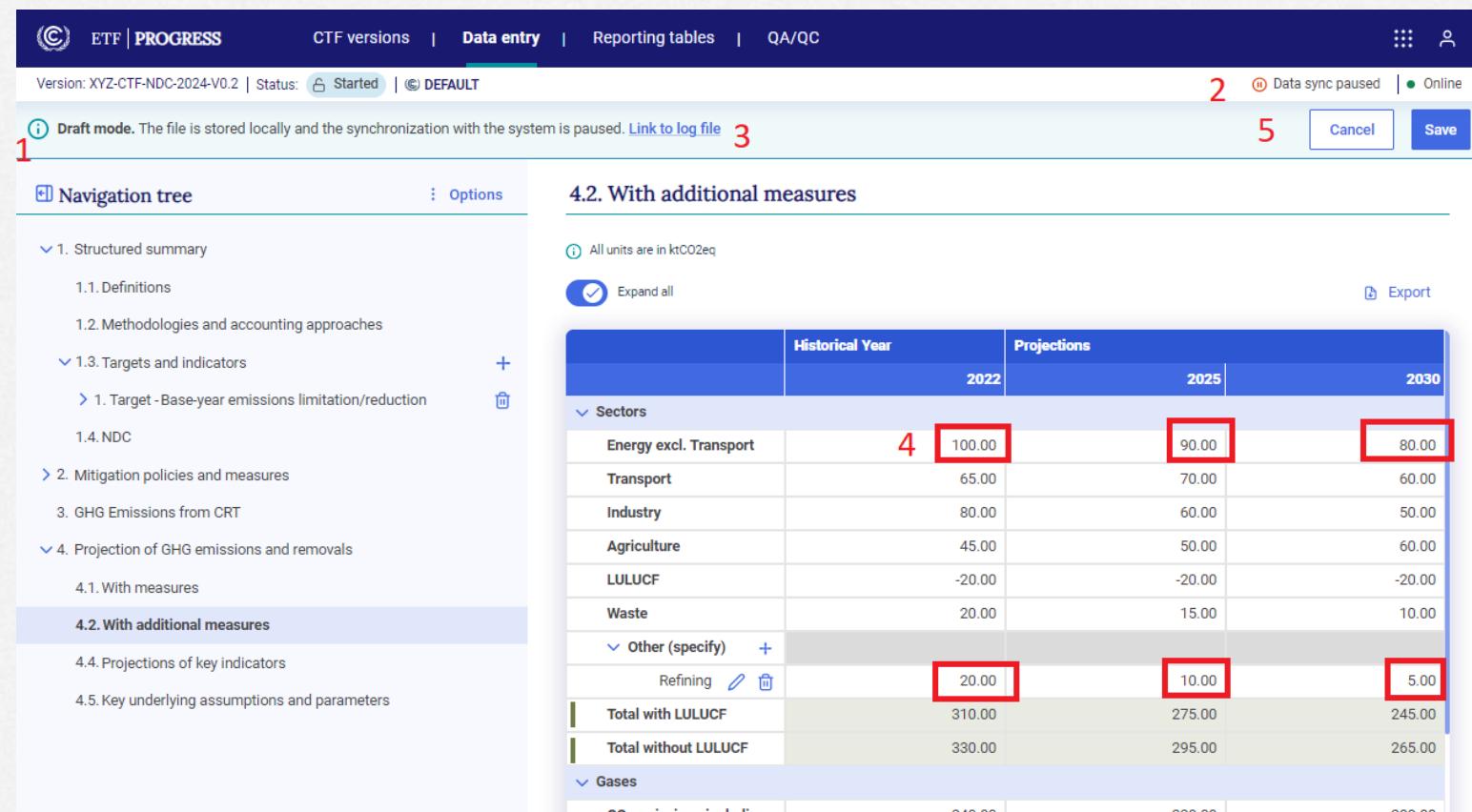
The screenshot shows the ETF software interface with the following details:

- Header:** Emissions Trading Fund (ETF) | PROGRESS, CTF versions, Data entry, Reporting tables, QA/QC.
- Version:** XYZ-CTF-NDC-2024-V0.2 | Status: Started | DEFAULT
- Navigation tree:** 1. Structured summary (1.1. Definitions, 1.2. Methodologies and accounting approaches, 1.3. Targets and indicators (1.3.1. Target - Base-year emissions limitation/reduction, 1.3.2. NDC)).
- Options menu:** Edit navigation tree, Show completeness check, Show translation, Import .xlsx file (highlighted in blue), Export all data entry grids as .xlsx, Export all data entry grids as json.
- Import dialog box:** "Import selected file:" with a file selection window showing "XYZ-CTF-NDC-2024-V0-2-DataEntry-20240418-1732.xlsx" selected. The dialog also contains a message: "You are about to import the data from selected .xlsx file to the active working version of the inventory" and "Import" button.



Exercício 7: Modo de rascunho (“Draft mode”)

1. Verifique indicação do modo de rascunho
2. Verifique que a sincronização de dados está em pausa
3. Clique para guardar o ficheiro de registo (“Link to log file”)
4. Verifique os dados alterados pela importação
5. Clique em *Guardar* (“Save”) para manter os dados importados



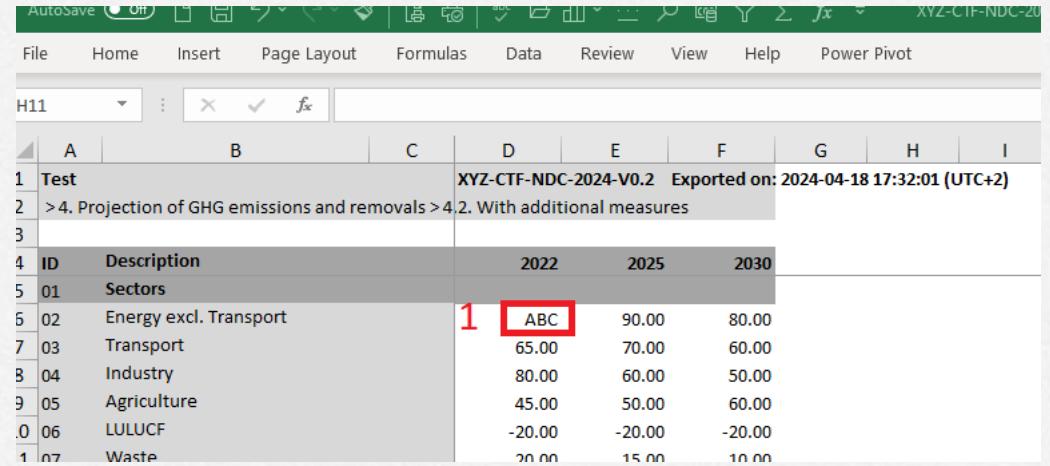
The screenshot shows the CTF PROGRESS software interface. At the top, the navigation bar includes 'ETF | PROGRESS', 'CTF versions', 'Data entry' (which is underlined in blue), 'Reporting tables', and 'QA/QC'. Below the bar, it says 'Version: XYZ-CTF-NDC-2024-V0.2 | Status: Started | (C) DEFAULT'. A red box labeled '1' highlights the 'Draft mode' message: 'Draft mode. The file is stored locally and the synchronization with the system is paused. [Link to log file](#)'. To the right, a red box labeled '2' shows the status 'Data sync paused' with a red '2' icon. Further right, a red box labeled '3' shows the status 'Online' with a green '3' icon. On the far right, there are 'Cancel' and 'Save' buttons. The main content area on the left is a 'Navigation tree' with sections like '1. Structured summary', '1.1. Definitions', '1.2. Methodologies and accounting approaches', '1.3. Targets and indicators', '1.4. NDC', '2. Mitigation policies and measures', '3. GHG Emissions from CRT', '4. Projection of GHG emissions and removals', '4.1. With measures', '4.2. With additional measures' (which is selected and highlighted in blue), '4.4. Projections of key indicators', and '4.5. Key underlying assumptions and parameters'. The right side shows a '4.2. With additional measures' table with columns for 'Historical Year' (2022), 'Projections' (2025, 2030). The table includes rows for 'Sectors' like 'Energy excl. Transport', 'Transport', 'Industry', 'Agriculture', 'LULUCF', 'Waste', and 'Other (specify)'. The 'Energy excl. Transport' row has cells with values 100.00, 90.00, and 80.00, all of which are highlighted with red boxes. The 'Other (specify)' row has cells with values 20.00, 10.00, and 5.00, also highlighted with red boxes. The 'Total with LULUCF' row has a value of 310.00, and the 'Total without LULUCF' row has a value of 330.00.

	Historical Year	Projections	
	2022	2025	2030
Sectors			
Energy excl. Transport	100.00	90.00	80.00
Transport	65.00	70.00	60.00
Industry	80.00	60.00	50.00
Agriculture	45.00	50.00	60.00
LULUCF	-20.00	-20.00	-20.00
Waste	20.00	15.00	10.00
Other (specify)	20.00	10.00	5.00
Total with LULUCF	310.00	275.00	245.00
Total without LULUCF	330.00	295.00	265.00

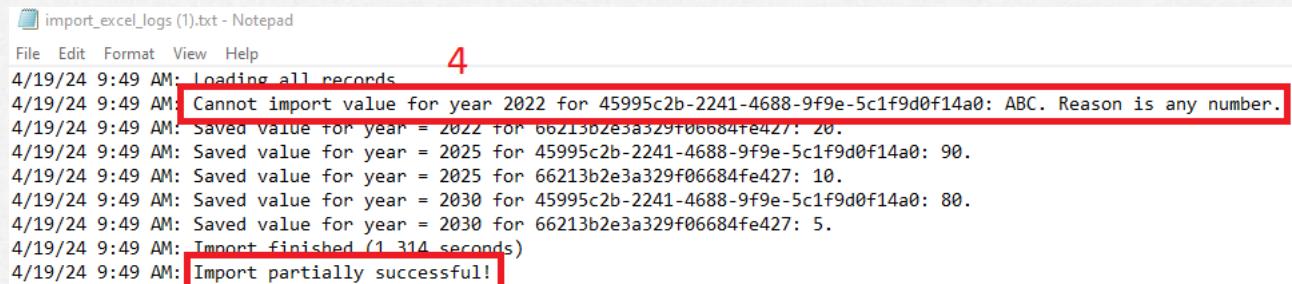


Exercício 7: Compreender o ficheiro de registo (“Log file”) e as mensagens de erro

1. Abra novamente o ficheiro Excel e adicione dados inválidos
2. Importe o ficheiro Excel
3. Guarde o ficheiro de registo e abra-o
4. Visualize as mensagens de erro
5. Cancele o modo de rascunho



Test		XYZ-CTF-ND-2024-V0.2 Exported on: 2024-04-18 17:32:01 (UTC+2)		
> 4. Projection of GHG emissions and removals > 4.2. With additional measures				
4	ID	Description	2022	2025
5	01	Sectors	2030	
6	02	Energy excl. Transport	ABC	90.00
7	03	Transport	65.00	70.00
8	04	Industry	80.00	60.00
9	05	Agriculture	45.00	50.00
0	06	LULUCF	-20.00	-20.00
1	07	Waste	20.00	15.00



```
import_excel_logs (1).txt - Notepad
File Edit Format View Help
4/19/24 9:49 AM: Loading all records
4/19/24 9:49 AM: 4
4/19/24 9:49 AM: Cannot import value for year 2022 for 45995c2b-2241-4688-9f9e-5c1f9d0f14a0: ABC. Reason is any number.
4/19/24 9:49 AM: Saved value for year = 2022 for 66213b2e3a329f06684fe427: 20.
4/19/24 9:49 AM: Saved value for year = 2025 for 45995c2b-2241-4688-9f9e-5c1f9d0f14a0: 90.
4/19/24 9:49 AM: Saved value for year = 2025 for 66213b2e3a329f06684fe427: 10.
4/19/24 9:49 AM: Saved value for year = 2030 for 45995c2b-2241-4688-9f9e-5c1f9d0f14a0: 80.
4/19/24 9:49 AM: Saved value for year = 2030 for 66213b2e3a329f06684fe427: 5.
4/19/24 9:49 AM: Import finished (1.314 seconds)
4/19/24 9:49 AM: Import partially successful!
```



Exercício Adicional

Adicionar e modificar dados para Projeções





Adicionar e modificar dados para Projeções

Visão geral

- Noções básicas da grelha de entrada de dados
- Introdução de dados
- Modificação de dados
- Adicionar um setor personalizado
- Validação de dados
- Copiar/colar dados do Excel



Noções básicas da grelha de introdução de dados

1. Expandir/ocultar
2. Menu de exportação
3. Cabeçalhos das colunas
4. Cabeçalhos das linhas
5. Erro de validação de dados
6. Adicionar linha personalizada
7. Célula calculada
8. Menu pop-up de comentário/nota de rodapé

The screenshot shows the UN Climate Change Data Entry interface. The top navigation bar includes 'ETF | PROGRESS', 'CTF versions', 'Data entry' (which is active), 'Reporting tables', 'QA/QC', and user status indicators. The main content area features a 'Navigation tree' on the left with sections like 'Structured summary', 'Definitions', 'Methodologies and accounting approaches', 'Targets and indicators', 'NDC', 'Mitigation policies and measures', 'GHG Emissions from CRT', 'Projection of GHG emissions and removals', 'With measures', 'With additional measures' (which is selected), 'Projections of key indicators', and 'Key underlying assumptions and parameters'. The main right area displays a data grid for 'Sectors' and 'Gases'. The 'Sectors' grid shows historical year 2022, projections for 2025 and 2030, and a total row. The 'Gases' grid shows various greenhouse gas emissions categories. A red numbered callout '1' points to the 'Expand all' button in the top right of the grid. A red numbered callout '2' points to the 'Export' button. A red numbered callout '3' points to the 'Historical Year' column header. A red numbered callout '4' points to the 'Sectors' section header. A red numbered callout '5' points to a cell in the 'Transport' row of the 'Sectors' grid. A red numbered callout '6' points to the 'Other (specify)' section in the 'Sectors' grid. A red numbered callout '7' points to the 'Total with LULUCF' row in the 'Sectors' grid. A red numbered callout '8' points to the 'Comments and Custom Footnotes' button at the bottom. The bottom status bar indicates the application version, metadata version, and last synchronization date.

	Historical Year	Projections	
	2022	2025	2030
4	Energy excl. Transport	1.00	
4	Transport	a • 5	23.00
4	Industry		4.00
4	Agriculture		5.00
4	LULUCF		6.00
4	Waste		7.00
4	Other (specify) 6		
4	Total with LULUCF	7	46.00
4	Total without LULUCF		40.00
4	Gases		
4	CO ₂ emissions includin...		
4	CO ₂ emissions excludin...		
4	CH ₄ emissions includin...		
4	CH ₄ emissions excludin...		
4	N ₂ O emissions includin...		

Comments and Custom Footnotes 8

Default Footnotes

Documentation box

Application version: 927209d01c147ba60f704de069f40aae | Metadata version: 1.23.5 | Last synchronized: 2024-04-18 14:17 (UTC+2)



Introdução de dados

- Preencha a grelha de introdução de dados *Com medidas adicionais* (“With additional measures”), conforme indicado:

4.2. With additional measures

 All units are in ktCO2eq

Expand all

 Export

	Historical Year	Projections		
		2022	2025	2030
▼ Sectors				
Energy excl. Transport		120.00	110.00	100.00
Transport		65.00	70.00	60.00
Industry		80.00	60.00	50.00
Agriculture		45.00	50.00	60.00
LULUCF		-20.00	-20.00	-20.00
Waste		20.00	15.00	10.00
Other (specify)				
Total with LULUCF		310.00	285.00	260.00
Total without LULUCF		330.00	305.00	280.00



Introdução de dados (continuação)

- Preencha o restante da grelha de introdução de dados *Com medidas adicionais* (“With additional measures”), conforme indicado:

	Historical Year	Projections			
		2022	2025	2030	
➤ Sectors					
▼ Gases					
CO ₂ emissions including net CO ₂ from LULUCF		248.00	228.00	208.00	
CO ₂ emissions excluding net CO ₂ from LULUCF		264.00	244.00	224.00	
CH ₄ emissions including CH ₄ from LULUCF		31.00	28.50	26.00	
CH ₄ emissions excluding CH ₄ from LULUCF		33.00	30.50	28.00	
N ₂ O emissions including N ₂ O from LULUCF		15.50	14.20	13.00	
N ₂ O emissions excluding N ₂ O from LULUCF		16.50	15.20	14.00	
HFCs		9.30	9.30	9.30	
PFCs		3.10	3.10	3.10	
SF ₆		3.10	3.10	3.10	
NF ₃		NO	NO	NO	
Other (specify)	+				
Total with LULUCF		310.00	286.20	262.50	
Total without LULUCF		329.00	305.20	281.50	



Modificação de dados

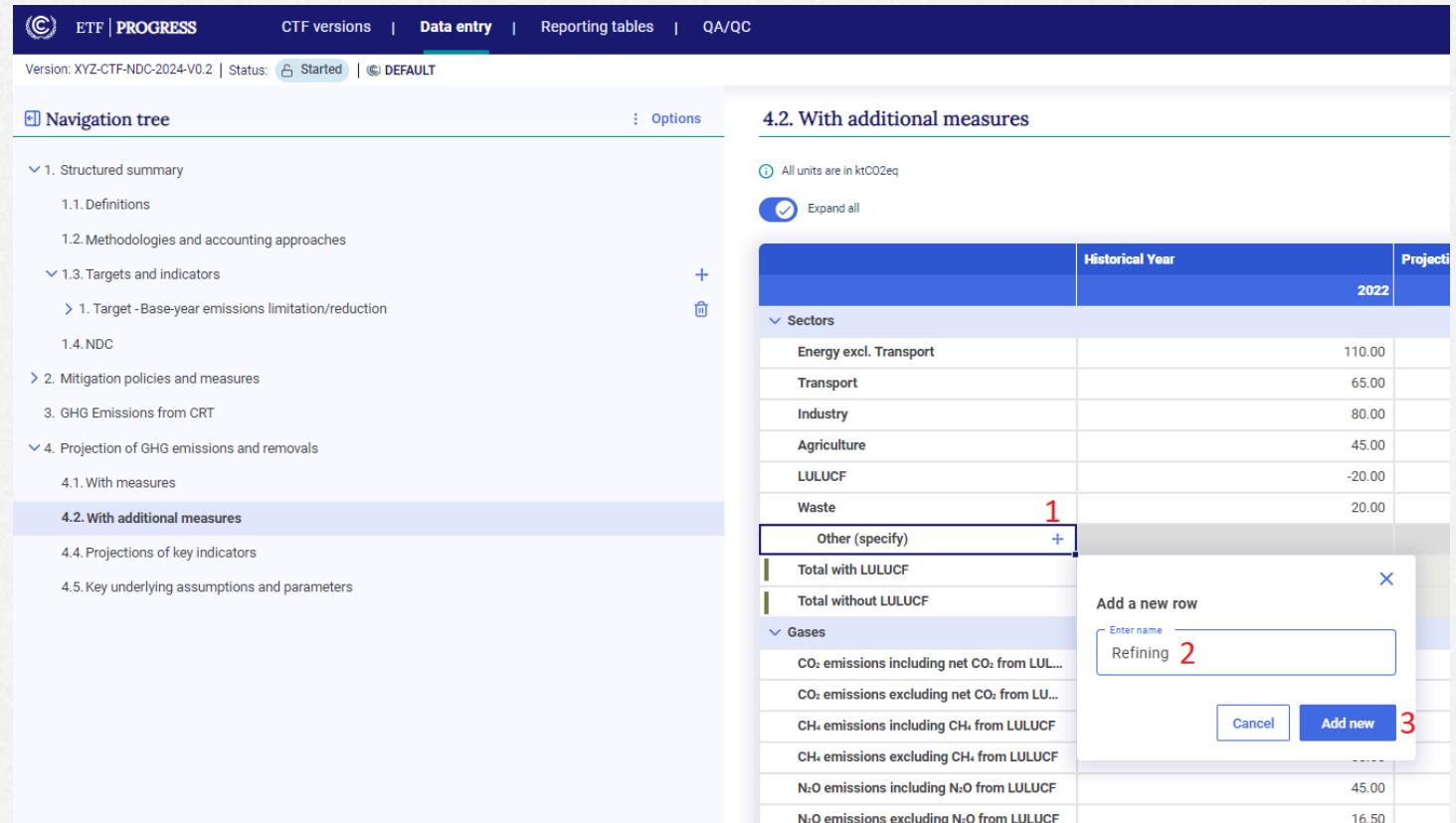
1. Clique uma vez numa célula e preencha com novos dados
2. Faça duplo clique numa célula e edite a informação
3. Substitua uma das células calculadas a verde e repare na mudança de cor

CH ₄ emissions excluding CH ₄ from LULUCF	33.00
N ₂ O emissions including N ₂ O from LULUCF	45
N ₂ O emissions excluding N ₂ O from LULUCF	16.50
N ₂ O emissions excluding N ₂ O from LULUCF	16.50
HFCs	9.30
PFCs	3.1
PFCs	4.00
NF ₃	NO
Total with LULUCF	300.00
Total without LULUCF	329.90



Adicionar um setor personalizado

1. Clique no sinal + para adicionar um setor personalizado
2. Introduza o nome
3. Clique em *Adicionar novo* (“Add new”)



The screenshot shows the UN Climate Change Data entry interface. The top navigation bar includes 'ETP | PROGRESS', 'CTF versions', 'Data entry' (which is highlighted in blue), 'Reporting tables', and 'QA/QC'. Below the navigation is a sub-navigation bar with 'Version: XYZ-CTF-ND-2024-V0.2 | Status: Started | DEFAULT'.

The main content area features a 'Navigation tree' on the left and a '4.2. With additional measures' section on the right. The navigation tree includes sections like '1. Structured summary', '1.1. Definitions', '1.2. Methodologies and accounting approaches', '1.3. Targets and indicators' (which is expanded to show '1. Target - Base-year emissions limitation/reduction', '1.4. NDC', '2. Mitigation policies and measures', '3. GHG Emissions from CRT', '4. Projection of GHG emissions and removals', '4.1. With measures', and '4.2. With additional measures' - the latter of which is also expanded). The right section shows a table for 'Historical Year 2022' with columns for 'Sectors' and 'Project'. A modal dialog is open in the bottom right, titled 'Add a new row', with a text input field containing 'Refining' and a red number '2' next to it. The 'Add new' button is highlighted with a red number '3'.

Sectors	Historical Year	Project
Energy excl. Transport	110.00	
Transport	65.00	
Industry	80.00	
Agriculture	45.00	
LULUCF	-20.00	
Waste	20.00	
Other (specify) <input type="text" value="Refining"/>		
Total with LULUCF		
Total without LULUCF		
Gases		
CO ₂ emissions including net CO ₂ from LUL...		
CO ₂ emissions excluding net CO ₂ from LU...		
CH ₄ emissions including CH ₄ from LULUCF		
CH ₄ emissions excluding CH ₄ from LULUCF		
N ₂ O emissions including N ₂ O from LULUCF		
N ₂ O emissions excluding N ₂ O from LULUCF		



Validação de dados

- O erro de validação de dados aparece desta forma
- Clique no ponto para ver que valores são aceites
- Note que os dados não validados não são guardados no servidor.

Sectors		
Energy excl. Transport		abc •
Transport		65.00
Industry		80.00

any number	abc •
	65.00
	80.00

