

USER GUIDE

Climate Action Aggregation
Tool
*for Non-State and Subnational
Action (CAAT)*

Climate Action Aggregation Tool for Non-State and Subnational Action - User Guide

Accompanying documents: Available at <https://climateactiontransparency.org/our-work/icat-toolbox/caat/>

- Climate Action Aggregation Tool (CAAT)
- Template for data collection
- Methodology note
- ICAT Non-State and Subnational Action Guide
- Video training

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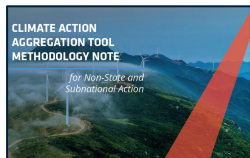
What to read first



Users should start here, with the User Guide: It provides an introduction to the Climate Action Aggregation Tool, including its set-up, functionalities and possible outputs.



Users should then move to the Microsoft Excel tool: There, users can perform their assessment of non-state and/or subnational actions (NSAs).



Methodology Note: This is an accompanying note to the Excel tool where users can find detailed information on the methodology around each assessment, if desired.



Non-State and Subnational Action Guide: This is the underlying guidance upon which the Excel tool is built. Users can find detailed guidance on each assessment step there, including potential data sources.

All documents are available at <https://climateactiontransparency.org/our-work/icat-toolbox/caat/>

Introducing the Climate Action Aggregation Tool (1/4)

OVERVIEW

The Climate Action Aggregation Tool is an easily accessible, Excel-based tool that enables users to identify, quantify and aggregate the impact of non-state and/or subnational actions and integrate the estimated impact into mitigation targets, projections and scenarios. It builds on the ICAT [*Non-State and Subnational Assessment Guide*](#).

INPUTS

The analysis is based on the following:

- Definition of assessment objective and assessment boundary
- Non-state and subnational action-specific data including action types, targets and emissions scopes
- National and sectoral emissions scenarios
- Overlap assumptions, which address the potential for and degree of overlapping impact among non-state and subnational actions

RESULTS

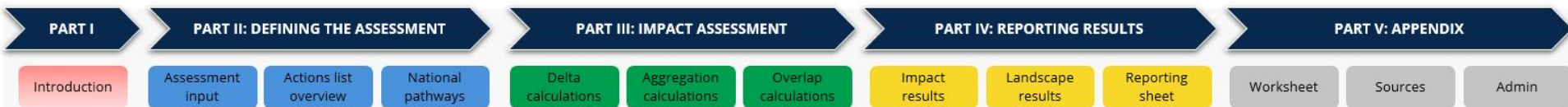
Results can be aggregated at the sectoral and national levels. They show emission pathways for different user-defined scenarios and emission reductions (both aggregated and over time), and calculate the emissions gap between scenarios. The tool also performs a landscape analysis to summarize the extent of non-state and subnational action. Results can be used in support of policy development, policy evaluation and target-setting.

This document provides a step-by-step guide to setting up and using the tool.

Introducing the Climate Action Aggregation Tool (2/4)

Opening and navigating the tool

- The tool opens on the cover sheet
- Each sheet has a navigation toolbar



Visual to highlight current sheet

IMPORTANT NOTE:

1. Please click "Enable Macros" when opening the file to enable all functions in the tool.
2. All calculations in this tool are set to "Manual" by default. Users may activate the calculations by clicking on the tool-provided buttons or change the default setting: File --> Options --> Formulas --> Workbook Calculations "Automatic".

Introducing the Climate Action Aggregation Tool (3/4)

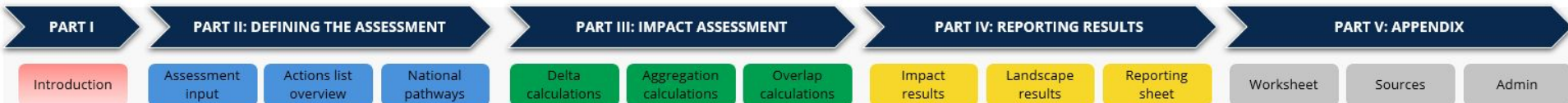
Overview of the main sections of the tool

INTRODUCTION	Where an overview of the components of the tool, the purpose of the tool, its key principles and guidelines for using it are provided
DEFINING THE ASSESSMENT	Where users set up the assessment objective and boundary, and collect and input non-state and subnational actions and national policies as well as national and/or sectoral scenarios
IMPACT ASSESSMENT	Where impact and overlap are calculated
REPORTING RESULTS	Where results are reported and user assumptions are documented. Results can be set up and presented at national and sector levels
APPENDIX	Where users can perform additional calculations and where sources are recommended

IMPORTANT NOTE: Yellow cells throughout the file are input cells where users need to include either text or data. Cells shaded in other colours typically denote where formulas are used to perform calculations or link to other cells. In addition, input sheets contain text boxes, buttons, check marks, and drop-down menus that require user input.

Introducing the Climate Action Aggregation Tool (4/4)

Overview of sheets



Introduction

This sheet provides the tool's purpose and key principles, and guidelines for using it.

Assessment input

Users define the assessment boundary in terms of sectors, actor groups, action types and emission types to be included in the analysis.

Actions list overview

Users can see an overview of the inserted NSAs, filter and edit data, or copy and paste larger datasets in the correct format.

National pathways

Users can input scenario, sector and growth rate information, and document all relevant climate mitigation policies and actions embedded within their scenarios.

Delta, Aggregation and Overlap calculations

These sheets display locked calculations for processing the impact aggregation and overlap components of the NSA analysis.

Impact results, Landscape results and Reporting sheet

These sheets provide the results of the assessment depending on the chosen assessment objective and offer a platform for reporting those results.

Worksheet

Users can use this blank sheet to perform calculations that might be useful for other parts of the assessment.

Sources

This sheet provides recommended sources of information extracted from the ICAT Non-State and Subnational Action Guide.

Admin

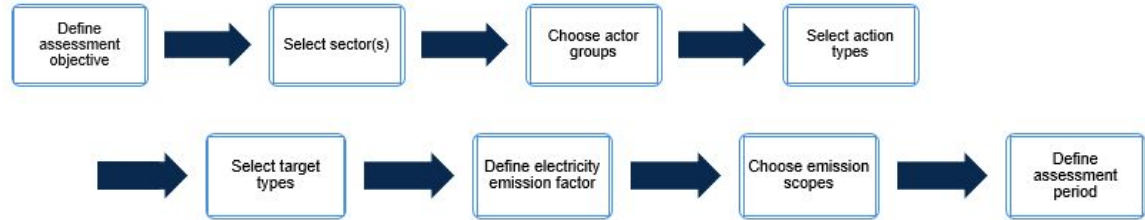
This sheet contains lists that are used in the tool's calculations.

Defining the assessment: overview

- DEFINING THE ASSESSMENT >>
- IMPACT ASSESSMENT >>
- REPORTING RESULTS >>
- APPENDIX >>

- Assessment input
- Actions list
- National pathways

- **Visual guide** for setting the assessment boundary (steps)



- **Informational boxes** are available throughout the tool for further guidance and explanations; they become visible when users click the buttons

Emissions scope

Users should select the emission scope(s) to be included in the assessment boundary.

Both
 Scope 1
 Scope 2

Definition of emission scope

For a definition of emission scope, users should refer to the ICAT *Non-State and Subnational Guide* (Chapter 4.4). While Scope 3 emissions for non-state and subnational actors can be a significant source of GHG emissions, they are currently insufficiently accounted for by a majority of actors and difficult to attribute. Therefore, they are not included in this tool.

- Users are pointed to specific sections of the ICAT *Non-State and Subnational Guide* where they can find **additional guidance**

Defining the assessment objective(s) (1/2)

DEFINING THE ASSESSMENT >>

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Assessment input

Actions list

National pathways

- Users should choose one of the **predefined assessment objectives**, noting that the assessment objectives build on each other, e.g., Objective 2 automatically includes Objective 1 and Objective 3 includes Objectives 1 and 2 (more information on this is included on the next slide).
- The assessment objective will directly impact the input requirements for the assessment boundary for which users will see results.
- Users can find instructions for selecting an assessment objective by clicking the  button.

Defining assessment objective

Users need to determine their assessment objective of using the tool before populating the tool and analyzing results (see table below). Users should note that objectives build on each other, e.g., Objective 2 automatically includes Objective 1 and Objective 3 includes Objectives 1 and 2 (more information on this is included on the next slide). The choice of objective will also restrict or expand future input requirements and outputs. For example, if users would like to input additional mitigation scenarios for comparison, only Objective 3 will be available. For more information on assessment objectives, users should read Chapter 2 of the ICAT Non-State and Subnational Action Guide.

Objectives (please choose one)	Objectives	Assessment	Data requirements
1. Landscape analysis	<input type="checkbox"/>	1. Understand the landscape of non-state and subnational actions in a given country, region or city ("landscape analysis"). It does not quantify any impact on greenhouse gas (GHG) emissions.	At a minimum, data on non-state and subnational action occurring in the country, region or city are required, including their GHG or electricity-related targets. No emissions data are needed.
2. Bottom-up assessment	<input type="checkbox"/>	Determine the combined expected impact of all non-state and subnational actions in a country, region, city or sector.	In addition to the above, some emissions-related data on non-state and subnational actors are needed (baseline, inventory year emissions). Emissions data for a reference scenario are also needed, in addition to a share of emissions per sector in the starting and final years of assessment.
3. Top-down assessment	<input type="checkbox"/>	Determine the contribution of non-state and subnational actions toward achieving short-, medium-, and long-term climate change targets.	In addition to the above, emissions-related data for at least one other scenario are needed.

Defining the assessment objective(s) (2/2)

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Assessment input

Actions list

National pathways

- The below table provides an overview of the type of assessment that will be conducted based on the objective chosen as well as the respective data requirements.

Objectives	Assessment	Data requirements
1. Understand the landscape of non-state and subnational effort.	The tool assesses the types and magnitudes of non-state and subnational actions in a given country, region or city (" <u>landscape analysis</u> "). It does not quantify any impact on greenhouse gas (GHG) emissions.	At a minimum, data on non-state and subnational action occurring in the country, region or city are required, including their GHG or electricity-related targets. No emissions data are needed.
2. Determine the combined expected impact of all non-state and subnational actions in a country, region, city or sector.	The tool performs a landscape analysis (Objective 1). <i>In addition</i> , it quantifies the combined potential impact of all entered non-state and subnational actions in a given country, region or city (" <u>bottom-up assessment</u> "). This assessment also accounts for overlaps among actions.	In addition to the above, some emissions-related data on non-state and subnational actors are needed (baseline, inventory year emissions). Emissions data for a reference scenario are also needed, in addition to a share of emissions per sector in the starting and final years of assessment.
3. Determine the contribution of non-state and subnational actions toward achieving short-, medium-, and long-term climate change targets .	The tool performs a landscape and bottom-up aggregation analysis (see Objectives 1 and 2). <i>In addition</i> , it determines the combined potential impact of non-state and subnational action on national climate pathways (nationally determined contribution or other scenario) (" <u>top down assessment</u> "). This assessment also accounts for overlaps among actions.	In addition to the above, emissions-related data for at least one other scenario are needed.

Defining the assessment boundary

DEFINING THE ASSESSMENT >>

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Assessment input

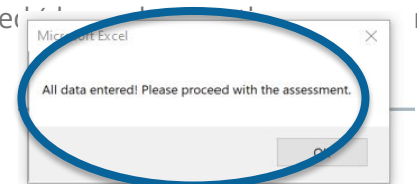
Actions list

National pathways

- To determine the **assessment boundary**, in the Assessment_input sheet, users should consider the following, as applicable:
 - Sector choice: Users should select the sectors to be analyzed; sectors are as per the Intergovernmental Panel on Climate Change definitions.
 - Action type(s) and actor group(s): Users should select the action types (i.e., individual actions, international initiatives) and actor groups (e.g., regions, cities, companies) considered.
 - Type(s) of targets: GHG and/or electricity-related targets. Other targets (e.g., intensity targets) should be converted into absolute emissions reduction targets. Scope 3 emissions are excluded.
 - Period of assessment: The tool is built to run analyses from 2015 to 2050.
 - Electricity emission factor in assessment start and end year: This can be a national or sector-specific emission factor.

For more information on the definitions of terms, users should refer to Chapter 3 of the *Non-State and Subnational Action Guide*. For information on data sources, they should see Appendix D.

- Users should click **"Data check/Save"** once they have made a selection. The tool will run a check on whether all required fields have been completed (e.g., assessment start and end year, assessment objective).



IMPORTANT NOTE: Once users have entered the assessment boundary for this analysis and clicked "Data check/Save", users should refrain from making changes on this sheet as this will affect other sheet processes. For example, if users have already filled in sector information later on in the tool and remove the sectors here, some data recordings could be lost.

Collecting information on non-state and subnational actions (1/2)

DEFINING THE ASSESSMENT >>

IMPACT ASSESSMENT >>

REPORTING RESULTS >>

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Assessment input

Actions list

National pathways

Input general information about the action



Define the action's target information



Qualitatively assess the action and target

- **Choose method of inputting non-state and subnational actions:**
- Users can input large datasets directly into ActionsList_overview, where all actions are recorded and used in calculations.

IMPORTANT NOTE: While a climate “action” does not need to have a “target”, the terms are used interchangeably throughout the tool as the tool specifically aggregates targets resulting from non-state and subnational actions. The tool is built for GHG emission reduction targets as well as for targets for electricity reduction (consumption and/or production) or renewable energy, and thus actions for aggregation must be recorded as reductions in tonnes of carbon dioxide equivalent (tCO₂e) or kilowatt-hours (kWh), respectively, relative to the base year of the target. If users wish to aggregate the impacts from other action types, these must be quantified outside this tool and converted to these units.

Collecting information on non-state and subnational actions (2/2)

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Assessment input

Actions list

National pathways

Input general information about the action



Define the action's target information



Qualitatively assess the action and target

- In ActionsList_overview, users may insert/paste relevant data directly into the tool.
- If users copy data, they should make sure to paste only values (i.e., using the “Paste Special” function, rather than standard “Paste” function) to avoid overwriting formatting or data validation issues.
- Additional information on how to collect and organize data can be found in the accompanying [*Non-State and Subnational Action Guide*](#).
- A data collection template is also available on the website for users who prefer to collect data outside of the tool.

Actor name	Action description	Should this action be included in the aggregation?	Have sufficient data been inserted for the aggregation?	Actor type	Target type	Action or initiative	Sector targeted	Subsector	Subsector 2	Does the action encompass actions of smaller actor types?	Geographic coverage	Action status
Paris	Reduce transport emissions	Yes	✓	Cities	GHG emissions target	Individual action	Transport (energy)	Road Transportation		Unknown	City	Non-binding commitment

GHG emissions scenarios (1/5)

DEFINING THE ASSESSMENT >>

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Assessment input

Actions list

National pathways

For assessment Objectives 2 and 3:

- **Users must add a reference scenario** of their choice for their assessment. NSA impacts will be compared with this scenario.

Scenario assessment for projections

Users should enter the scenarios they would like to compare within this assessment. As a minimum, users should enter the reference scenario, which will also be the default scenario.



Scenarios to be included in the analysis	Scenarios
Reference	Reference
[enter scenarios as needed]	<input type="button" value="Insert"/> <input type="button" value="Delete"/>
[enter scenarios as needed]	<input type="button" value="Insert"/> <input type="button" value="Delete"/>
[enter scenarios as needed]	<input type="button" value="Insert"/> <input type="button" value="Delete"/>
[enter scenarios as needed]	<input type="button" value="Insert"/> <input type="button" value="Delete"/>



Also use the reference scenario as the default growth rate scenario for actors, outside their years of target realization? ----->

Please enter the growth rate scenario you would like to assume for actors: ----->

IMPORTANT NOTE: The input requirements for this sheet depend on the assessment objective determined in a previous step. No inputs are required for a landscape analysis.

GHG emissions scenarios (2/5)

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Assessment input

Actions list

National pathways

In the tool, users need to fill in only yellow cells. Cells in other colors are automatically updated using the "Update" button.

- **Users should estimate each sector's share of emissions for their scenario(s)** in the start year (historical data) and end year (for each scenario) of assessment. This is needed to integrate the assumed emissions growth rates per sector and calculate overlaps between actions in different sectors.

Sectoral emissions split

Estimated shares of sector in total emissions			
Sector	Scenario:	Historical (2015)	Reference
	Year: 2015	Year: 2015	Year: 2050
Total emissions		100%	100%
Electricity and heating (energy supply)		35%	25%
Transport (energy)		7%	11%
Industry (energy and processes)		5%	7%
Waste		5%	3%

- **Users then input national historical emissions data.** Users should specify the latest inventory year (between 2015 and today's year) and include emission values (in kilotonnes [kt] of CO₂e) starting from this year. Then, users need to click "Update" to calculate sector emissions, based on the emission shares entered above.

GHG emissions data input

Historical data

Users should enter the latest inventory year and the total emission values (in kilotonnes of carbon dioxide equivalent, ktCO₂e) in the first row recorded up to that year. sta

Sectors	Units	Year						
		2015	2016	2017	2018	2019	2020	
Total emissions	ktCO ₂ e	388,250.00	388,200.00	388,100.00				
Electricity and heating (energy supply)	ktCO ₂ e	135,888	135,870	135,835.00				
Transport (energy)	ktCO ₂ e	27,178	27,174	27,167.00				
Industry (energy and processes)	ktCO ₂ e	19,413	19,410	19,405.00				
Waste	ktCO ₂ e	19,413	19,410	19,405.00				

GHG emissions scenarios (4/5)

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Assessment input

Actions list

National pathways

- Users should input total national-level emissions for the reference and all additional scenarios, then click "Update".

CPS

Users should insert the total emission values (in ktCO₂e) of their assessment boundary for this scenario in the first row. They should then click "Update" to fill in the sector emissions. To check

Update

Sectors	Units	2015	2016	2017	2018	2019	2020	2021
Total emissions	ktCO ₂ e				388,100	388,101	388,102	388,103
Electricity and heating (energy supply)	ktCO ₂ e				132,508	131,400	130,291	129,183
Transport (energy)	ktCO ₂ e				28,498	28,941	29,385	29,828
Industry (energy and processes)	ktCO ₂ e				20,070	20,292	20,514	20,736
Waste	ktCO ₂ e				18,740	18,518	18,296	18,075
	ktCO ₂ e							
	ktCO ₂ e							
	ktCO ₂ e							
	ktCO ₂ e							

- Sector-specific emission growth rates are automatically calculated.

Reference emissions growth rate

Sectors	Units	2015	2016	2017	2018	2019	2020	2021
Total emissions	n/a	n/a	1.00	1.00	1.00	1.00	1.00	1.00
Electricity and heating (energy supply)	n/a	n/a	1.00	1.00	0.98	0.99	0.99	0.99
Transport (energy)	n/a	n/a	1.00	1.00	1.05	1.02	1.02	1.02
Industry (energy and processes)	n/a	n/a	1.00	1.00	1.03	1.01	1.01	1.01
Waste	n/a	n/a	1.00	1.00	0.97	0.99	0.99	0.99

Running the aggregation (1/3)

DEFINING THE ASSESSMENT >>

IMPACT ASSESSMENT >>

REPORTING RESULTS >>

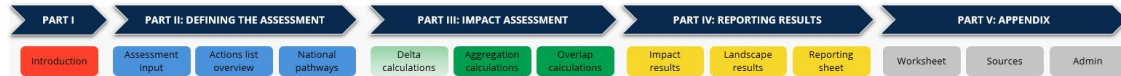
APPENDIX >>

Delta

Aggregation

Overlaps

- This sheet **does not require** any input; **it is recommended that users do not adjust the calculations. Any changes might lead to unreliable results.**
- This sheet determines the Deltas. Deltas are the difference in emissions for each year. The sheet calculates the Deltas for each year specified for each action in the ActionsList_overview. Deltas are then used for the Aggregation. For a more detailed description of the calculations, users can refer to the Methodology Note.



This sheet determines the annual difference in emissions: the Delta.

IMPORTANT NOTE: This sheet does not require any data input. It is recommended that users do not adjust the calculations in this sheet, as doing so might lead to unreliable results. This sheet uses data from the ActionsList_overview sheet and feeds into the Aggregation_calc sheet. The sheet calculates reported and targeted emission levels by action for the various years specified in the ActionsList_overview. This sheet then determines the annual difference in emissions between those data points. For a more detailed description of the calculations, users can refer to the Methodology Note.

Calculate

General data (emissions in tCO₂e)

ActorName	ActorDescription	Include in aggregation?	Sector targeted?	Actor type	Target type	Target year 2 as in input	Action type	For calc S1 emissions BY	For calc S1 emissions LY	For calc S1 emissions TY1	For calc S1 emissions TY2	For calc S2 emissions BY	For calc S2 emissions LY	For calc S2 emissions TY1	For calc S2 emissions TY2	For calc BY	For calc LY	For calc TY1	For calc TY2
Paris		0	Yes	Sector cro: Cities	GHG emiss	2037	Individual	100260	109920	25995	0	7447	7544	1862	0	2015	2020	2031	2037
Milan		0	Yes	Sector cro: Cities	GHG emiss	2033	Individual	1860	0	1121	93	3155	0	0	3585	2015	0	2031	2033
Florence		0	Yes	Sector cro: Cities	GHG emiss	0	Individual	45417	0	9983	9083	4004	0	0	0	2017	0	2030	2030
Amsterdam		0	Yes	Sector cro: Cities	GHG emiss	2030	Individual	6320	0	4424	1898	7893	0	6314	3947	2018	0	2028	2030

Emissions level in target years based on GHG reduction targets (tCO₂e)

Scope 1 emissions in target year 1	Scope 1 emissions in target year 2	Scope 2 emissions in target year 1	Scope 2 emissions in target year 2
25065	0	1862	0
1121	93	0	3585
9083	0	0	4004
4424	1898	6314	3947

Emissions level in target years based on electricity-related targets (tCO₂e)

Electricity emissions in the base year	Electricity emissions in latest inventory year	Electricity emissions in target year 1	Electricity emissions in target year 2
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

Running the aggregation (3/3)

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Delta

Aggregation

Overlaps

- **This sheet does not require any input.** Therefore, it is recommended that users do not adjust any calculations. Any changes might lead to unreliable results.
- Experienced analysts can choose to manually adjust desired overlaps between actor types, although this is not required. For more details, users can refer to the in-tool guidance and accompanying Methodology Note.



Desired change of the default overlap

Actor type	Slider and description	Reset factors Update
Energy utilities	Factor: 1 0 <input type="text"/> 2	According to the user's judgement, there is double the assumed rate of overlap compared with the default. Factor: 2
Investors, civil society organisations, and others	Factor: 1 0 <input type="text"/> 2	
Cities	Factor: 1 0 <input type="text"/> 2	
States, provinces, and regions	Factor: 0 0 <input type="text"/> 2	



The factor affects the default overlap of the following:	Factor of overlap change	Description
Overlap of energy utilities with companies	1.00	No change
Overlap of investors, civil society organisations, and others with companies and energy utilities	1.00	No change
Overlap of cities with companies; energy utilities; and investors, civil society organisations, and others	1.00	No change
Overlap of states, provinces, and regions with companies; energy utilities; investors, civil society organisations, and others; and cities	1.00	No change

Showing quantitative impacts (1/3)

DEFINING THE ASSESSMENT >>

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Impacts

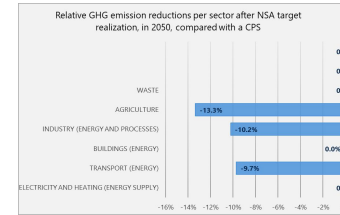
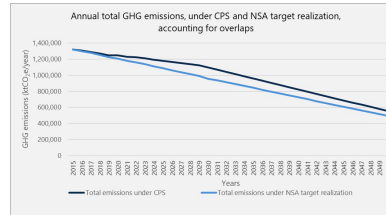
Landscape

Reporting

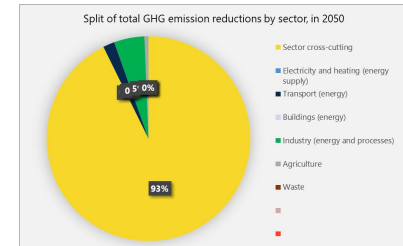
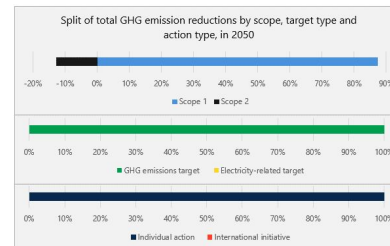
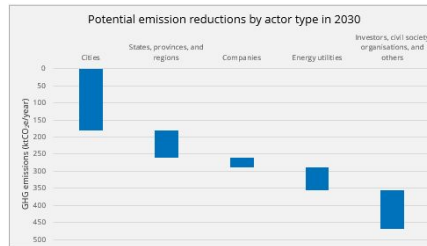
- After users click “Calculate”, the quantitative impacts of the actions will be shown in the tables and graphs depicted below, according to the earlier selected assessment objective. These include the following:

For Objective 2

- Results are in comparison to the “total emissions” from the national pathways:



- Breakdown of results (e.g., by target type, emissions scope):



Showing quantitative impacts (2/3)

DEFINING THE ASSESSMENT >>

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Impacts

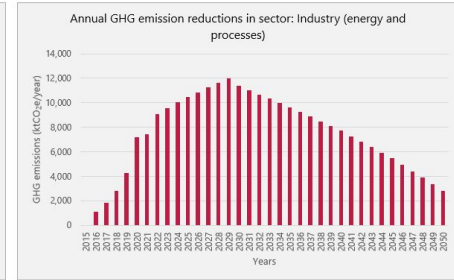
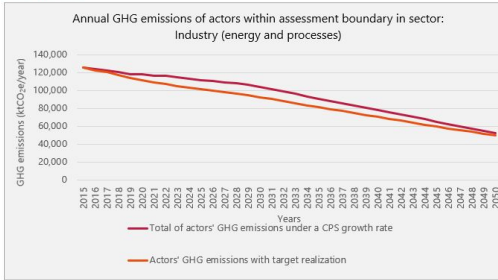
Landscape

Reporting

- Results at the sector level (a drop-down menu allows users to choose and see the results for each of the sectors within their assessment boundary).



Show GHG emission reductions from sector: **Industry (energy and processes)**



- Users should note that all results are also available in table format (at the bottom of the Impact_results sheet).

Numerical results

Potential impact in absolute GHG emission reductions, compared with a CPS pathway, accounting for overlaps

The absolute potential GHG emission reductions (or, avoided emissions) are presented here.

	Unit	2015	2016	2017	2018
Total GHG emission reductions	ktCO ₂ e	0	5,743	9,466	17,659
GHG emission reductions by emissions scope					
Scope 1	ktCO ₂ e	0	6,289	12,296	18,123
Scope 2	ktCO ₂ e	0	-547	-2,830	-463
GHG emission reductions by sector					
Sector cross-cutting	ktCO ₂ e	0	5,089	10,060	14,237
Electricity and heating (energy supply)	ktCO ₂ e	0	0	0	0
Transport (energy)	ktCO ₂ e	0	-507	-2,464	625
Buildings (energy)	ktCO ₂ e	0	36	43	56
Industry (energy and processes)	ktCO ₂ e	0	1,138	1,046	2,784
Agriculture	ktCO ₂ e	0	-14	-23	-42
Waste	ktCO ₂ e	0	0	0	0

Showing quantitative impacts (3/3)

DEFINING THE ASSESSMENT >>

IMPACT ASSESSMENT >>

REPORTING RESULTS >>

APPENDIX >>

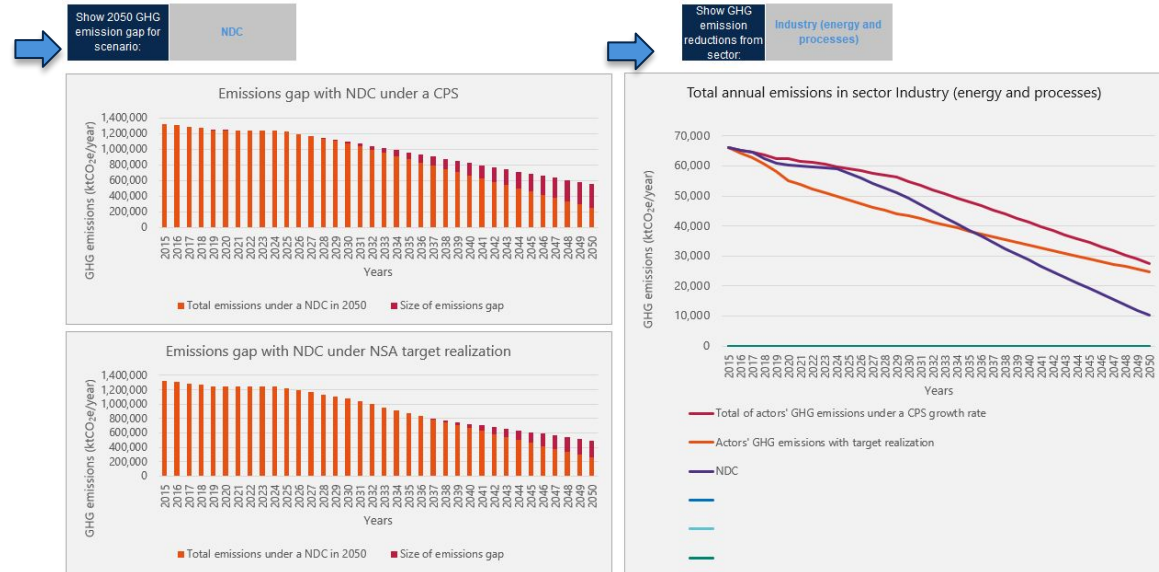
Impacts

Landscape

Reporting

For Objective 3

- In addition to the earlier graphs, quantitative impacts are also shown for NSA contributions to (national/regional) climate policies (a drop-down menu allows users to choose and see the results for each of the scenarios and sectors within their assessment boundary).



IMPORTANT NOTE: Data in all figures and graphs account for overlaps, unless otherwise specified (except for a number of tables in the “Numerical section” where the exceptions are clearly indicated in the tables’ titles).

Showing impacts - Landscape (1/2)

DEFINING THE ASSESSMENT >>

IMPACT ASSESSMENT >>

REPORTING RESULTS >>

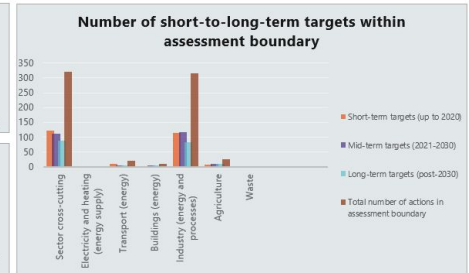
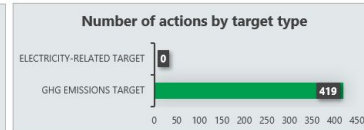
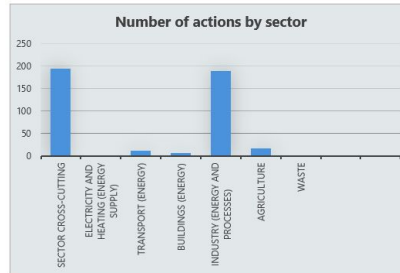
APPENDIX >>

Impacts

Landscape

Reporting

- The tool reports a landscape analysis according to users' selected assessment boundary.
- Available results include the following:
 - Summary/coverage of non-state and subnational actions included in the assessment
 - Number of actions within the assessment boundary
 - Potential GHG impact (if applicable)
 - Total emissions coverage of reference scenario for actions within assessment boundary in final assessment year (if applicable)
 - Key statistics of actions within assessment boundary (e.g., number and share of actions per actor type, number of actions per sector, number of actions per target type)



Showing impacts - Landscape (2/2)

DEFINING THE ASSESSMENT >>

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APPENDIX >>

Impacts

Landscape

Reporting

- Other statistics of the actions in the ActionsList (drop-down menu to zoom in on specific results in different years within the assessment period).
 - Users should choose whether they want to see the results for all sectors within the assessment boundary or a specific sector
 - Users can then choose a year to analyze

Other statistics of actions within assessment boundary

Include all sectors within the assessment?	Yes
Year	2030

Selecting "Yes" will include all sectors within the assessment boundary in the below data. If "No" is chosen, users should select a sector below.

Users should input a year between 2015 and 2050

Actors

Number of actions by actor type

Indicator	Input_ActorType	Value	% of actions within assessment boundary
Actor type	Companies	354	84%

Number of actions by geographic scope

Indicator	Input_Geographic	Value	% of actions within assessment boundary
Geographic coverage	City	1	0%

Reporting results

DEFINING THE ASSESSMENT >>

IMPACT ASSESSMENT >>

REPORTING RESULTS >>

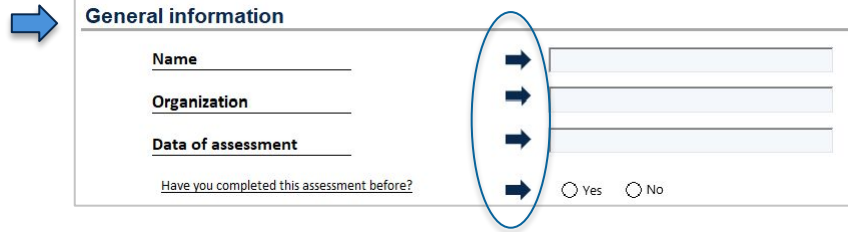
APPENDIX >>

Impacts

Landscape

Reporting

- A reporting sheet is included in the tool which automatically summarizes key data and results of the assessment.
- Cells that require additional input are highlighted by arrows. Cells without arrows will be updated automatically.



General information

Name _____ →

Organization _____ →

Data of assessment _____ →

Have you completed this assessment before? → Yes No

- Users should also use this sheet to document their assumptions.
- Once updated, an overview of users' non-state and subnational actions as well as national policies and actions is saved automatically in an annex to this sheet.
- Once users have filled in the additional information, they can download and print the summary in Excel or PDF format (short or long PDF versions, the latter of which includes the annex).
- For more information on reporting and how to use the results, users can refer to the ICAT [*Non-State and Subnational Action Guide*](#) (Parts IV and V).

IMPORTANT NOTE: Users can click "Update" to populate data in this sheet. Where blanks remain (indicated by arrows), users must manually input information.

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