



Food and Agriculture  
Organization of the  
United Nations

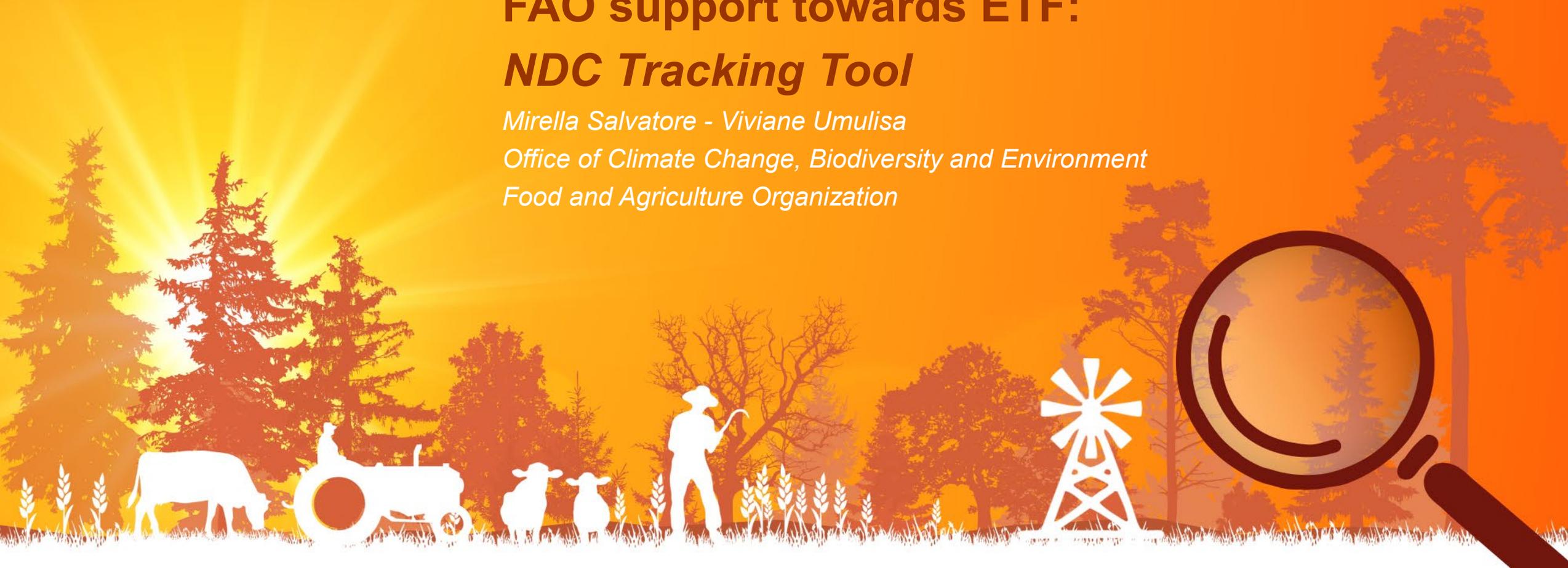
## FAO and the Enhanced transparency framework

# FAO support towards ETF: *NDC Tracking Tool*

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*Food and Agriculture Organization*



# Biennial Transparency Report

- First Biennial Transparency Report (BTR) to be submitted no later than 31st December 2024 (with flexibility for least developing Parties and small islands)
- In the BTR, countries shall provide the **information necessary to track progress made in implementing and achieving nationally determined contributions** (Chapter III of MPGs)
- Information to be provided in narrative and **common tabular formats** (CTF)



# Chapter III of the BTR

Information necessary to track progress made in implementing and achieving nationally determined contributions under Article 4 of the Paris Agreement.

- A. National circumstances and institutional arrangements
- B. Description of the Party's NDC
- C. Information necessary to track progress made in implementing and achieving NDCs
- D. Mitigation policies and measures
- E. Summary for GHG emissions and removals
- F. Projections of GHG emissions and removals



# NDC Tracking Tool

Facilitates the collection of the information required to track progress made in implementing and achieving NDCs and the compilation of the CTF.

The tool allows assessing the progress on NDC implementation by:

- comparing planned versus implemented mitigation and adaptation actions, also in graphical format;
- evaluating GHG reduction achieved against the sectoral and/or economy-wide baseline and NDC target.



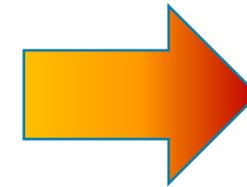
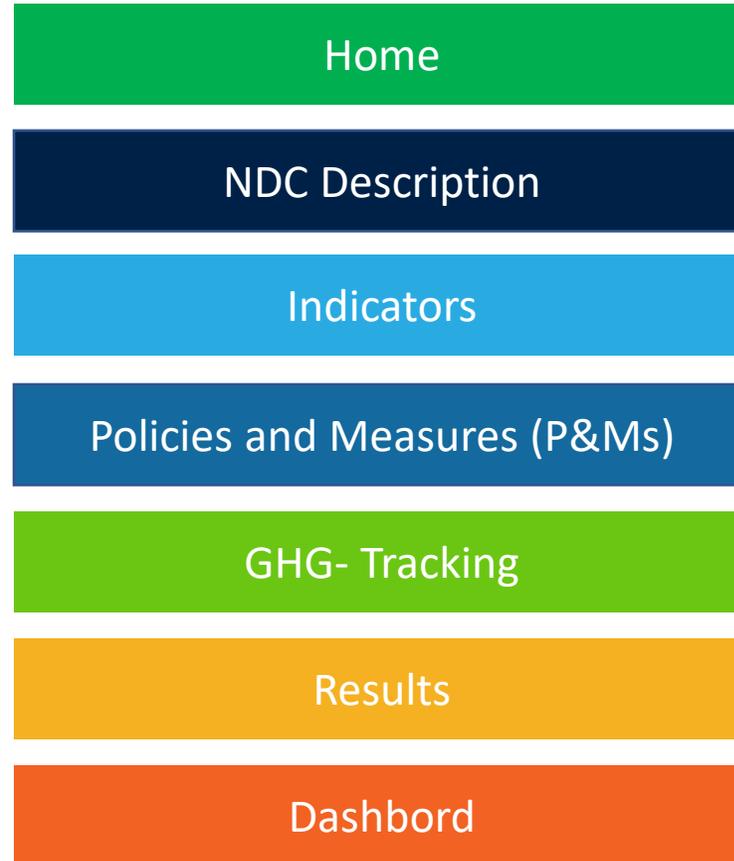
# NDC Tracking Tool – main features

- Monitor mitigation policies, adaptation actions and co-benefits.
- Allow different types of indicators (quali/quantitative, GHG and non-GHG)
- Track policies in terms of planned, adopted, and implemented
- Prevent double accounting and overlap of mitigation actions (for example, cross-sectoral actions).
- Allow the inclusion of mitigation contributions proposed under the country's Long-Term Strategy and other actions as NDC enhancement.
- Distinguish the results of mitigation actions linked to NDC implementation from the one for carbon market.



# NDC Tracking Tool – structure

- Excel based
- Easy-to-use
- Four templates to collect data according to Chapter III of the MPGs
- Two results sheets: data and graphs



Data organized to facilitate reporting with common tabular formats (CTF)



# NDC Tracking Tool – NDC description

This sheet collects most of the information required to compile the [Section B](#) of the Chapter III “Information necessary to track progress” of the BTR.

In addition, other information are collected to qualify the tracking and provide insights for the NDC updates.

The challenges are due to the definition and clarity of the main concepts (target type, reference type, base year, sector covered, etc.)

## NDC DESCRIPTION

### ECONOMY-WIDE

Target type	GHG target
P&Ms included in or separate from GHG target	Included in
Reference type	Base year
Base year or historical (if applicable)	2010
Unconditional contribution (%)	25.00%
Conditional contribution (%)	22.00%
Total target (%)	47.00%
Sectors covered →	Energy, AFOLU, Agriculture, LULUCF, Waste
Gases covered	CH4, CO2, N2O

### AGRICULTURE

Target type	Non-GHG target
P&Ms included in or separate from GHG target	Included in
Reference type	NA
Base year or historical (if applicable)	
Unconditional contribution (%)	
Conditional contribution (%)	
Total target (%)	
Sectors covered →	3A, 3C



# NDC Tracking Tool – Indicators

The indicators are the critical part of the NDC tracking.

They could refer to:

- GHG target
- Non-GHG target
- Policies and Measures

They could be:

- Quantitative
- Qualitative

They should have a reference and target level at a certain point in time: this would allow to evaluate the progress.

In many cases, they are not clearly spelled out in the NDC.

They would need to be identified, assessed and monitored

This information feeds in [Section C](#).



# Example of indicators

Target	Target type	Indicator	Country
Emissions reduction of approximately 64.6 million tCO <sub>2</sub> e/year by 2030	GHG	Net GHG emissions and removals	Cambodia NDC, 2020
40% reduction in per capita GHG emissions below BAU by 2030	GHG	GHG intensity	Zimbabwe NDC, 2021
Increase of forest cover to 12.9% by 2030	Non-GHG	Forest area	Armenia NDC, 2020
Participatory environmental management of resources	Policy and measure	Policy status	Argentina NDC, 2020



# NDC Tracking Tool – P&Ms

This sheet collects information for the [Section D](#).

(a) Name; (b) Description; (c) Objectives;

(d) Type of instrument; (e) Status;

(f) Sector(s) affected; (g) Gases affected;

(h) Start year of implementation;

(i) Implementing entity or entities.

For the Agriculture and LULUCF sectors, the NDC Expert Tool (NEXT) help to assess them, if a Non-GHG indicator is provided

*Each Party shall provide, to the extent possible, estimates of expected and achieved GHG emission reductions for its actions and P&Ms in the tabular format*



# NDC Tracking Tool – GHG-based tracking

- **Achieved emissions reduction**

*Baseline – most recent emissions and removals\**

based on the latest national GHG inventory,  
assessed baseline, methodology consistency

- **Achieved progress (%)**

$$\frac{\text{Achieved emissions reduction}}{\text{NDC Target}} \times 100$$

\*It could be economy-wide and/or sectorial NDC target(s) and corresponding values



# NDC Tracking Tool – measure-based tracking

- **Expected progress (%)**

$$\frac{\text{Current year} - \text{Start year}}{\text{End year} - \text{Start year}} \times 100$$

Reference rate of NDC implementation expressed as cumulative expected progress, calculated based on the start of implementation and current date, assuming linear progression between start and end year.

- **Implementation progress (%)**

Actual rate of NDC implementation expressed as cumulative progress, estimated by the implementation entity, reflecting the actual implementation of the P&Ms\*

\* Implementation of a P&Ms could be planned, adopted, implemented.  
Implementation progress (%) could be: 25, 50, 100.



# NDC Tracking Tool – dashboard

- Home
- NDC description
- P&Ms
- Indicators
- GHG-tracking
- Results
- Generate PDF

Performance of the NDC Implementation - MITIGATION 2022

Click on each icon to go back to the referred module

Category	Achieved progress	Expected progress
LULUCF	18%	20%
Agriculture	10%	20%
AFOLU	0%	20%
Waste management	10%	20%
IPPU	0%	20%
Transport	15%	20%
Energy	19%	20%

Performance of the NDC Implementation - ADAPTATION 2022

Click on the drop-down menu to see sectorial results

Category	Achieved progress	Expected progress
Tourism	0%	20%
Mobility and transport	0%	20%
Energy, Industry and logistics	15%	20%
Ocean and coasts	0%	20%
Cities and urban planning	0%	20%
Agriculture	0%	20%
Biodiversity	0%	20%
Water cycle	0%	20%
Human health	10%	20%

Inventory based tracking Economy wide

Click here to generate the results

Impact of policy & measures on national baseline Economy-wide

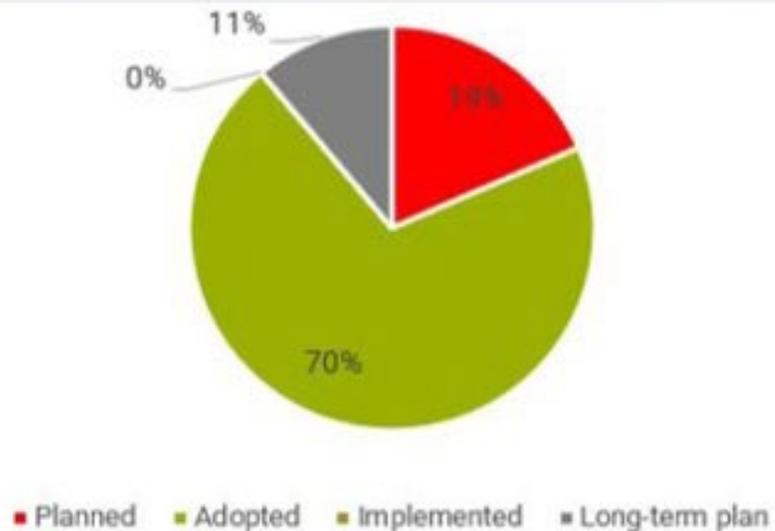


# NDC Tracking Tool – dashboard

Click on the drop-down menu to see the inventory-based tracking results

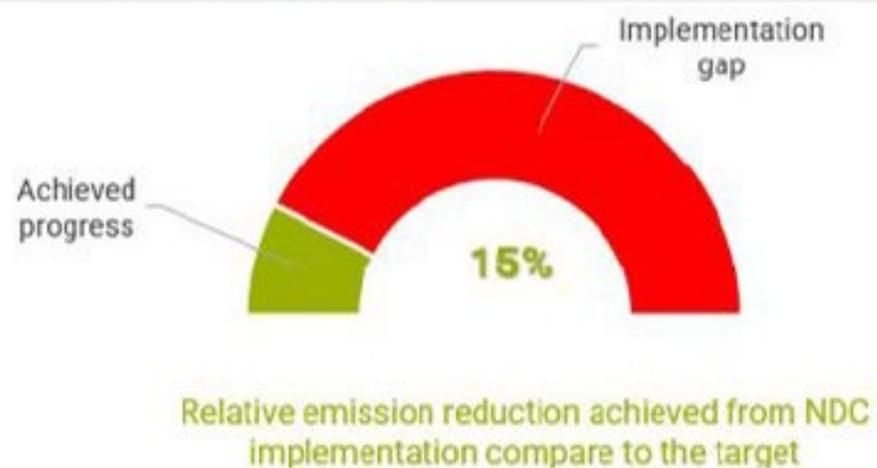
Overall status of the NDC implementation

2022



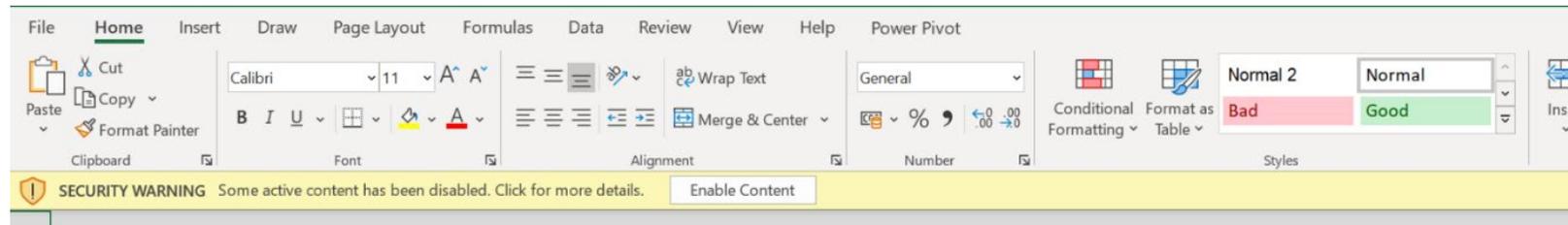
Progress on NDC achievement

Measures-based tracking



# NDC Tracking Tool – installation guide

- Runs in MS Excel 2016 and subsequent releases.
- **DO NOT** run the tool from a cloud-synced folder (e.g. OneDrive, Google drive, Sharepoint, DropBox)
- Ensure to copy/move the NDC Tracking folder from the zip file under the main hard drive (e.g. C:\), if possible
- The macros contained in this tool do not represent a risk to your computer

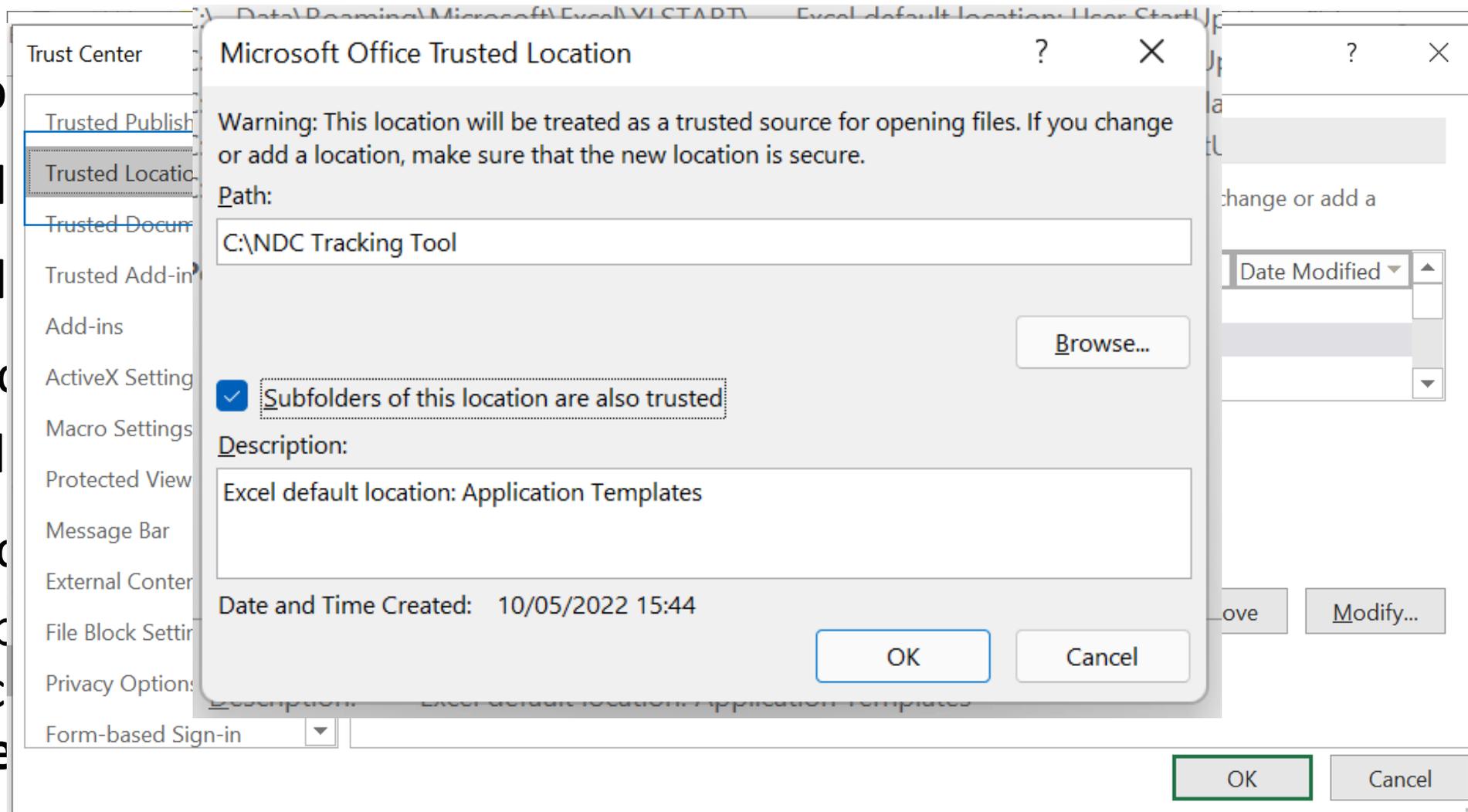


- If not sufficient, the NDC Tracking folder should be set as a trusted location



# NDC Tracking Tool – installation guide

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# FAO and the Enhanced transparency framework

[www.fao.org/climate-change/transparency/](http://www.fao.org/climate-change/transparency/)

[ETF@fao.org](mailto:ETF@fao.org)

*Thank you !*

This work is a joint effort with the  
FAO-UNDP Scaling up Climate Ambition on Land Use and Agriculture  
through Nationally Determined Contributions and National Adaptation Plans  
(SCALA) programme

<https://www.fao.org/in-action/scala/overview/about/en>

