

# Call for Data on National Nitrogen Budgets: Technical instructions

Version 28 January 2026

*Expert Panel on Nitrogen Budgets, Task Force on Reactive Nitrogen*

## 1. Introduction

In accordance with workplan item 2.2.5 of the 2024–2025 workplan for the implementation of the Convention ([ECE/EB.AIR/2023/1](#)), the Expert Panel on Nitrogen Budgets (EPNB) of the Task Force on Reactive Nitrogen (TFRN) revised the Guidance Document on National Nitrogen Budgets. In addition, EPNB provided detailed technical annexes, a reporting template and a summary for policy makers. The results and documents have been presented to and approved by the Task Force on Reactive Nitrogen at its 18<sup>th</sup> and 19<sup>th</sup> meetings ([ECE/EB.AIR/WG.5/2023/INF.2](#); [Minutes of the TFRN-19 meeting, April 24st, 2025](#)). As a result of its 19<sup>th</sup> meeting the TFRN asked WGSR-63 to recommend to EB-45 issuing a call for data on national nitrogen budgets for Parties. At its 45<sup>th</sup> session (see: [decisions](#), report not yet published) the Executive Body adopted the revised Guidance document on National Nitrogen Budgets ([ECE/EB.AIR/WG.5/2025/3](#)) and invited Parties to the Gothenburg Protocol to submit voluntarily national nitrogen budgets data in line with its article 7(3d) of the Protocol. Furthermore, it requested the Task Force on Reactive Nitrogen to carry out the informative analysis of the submitted data and to report to the Working Group on Strategies and Review in 2028.

In their 23<sup>rd</sup> meeting, EPNB agreed on the technical framework shown below.

As its main objective, the Call for Data aims to implement the recently revised and updated Guidance document on National Nitrogen Budgets and to report national datasets by 30 June 2027. This is in line with workplan item 2.1.16 of the workplan 2026-2027 ([ECE EB.AIR 2025 1 E.pdf](#)).

This document contains harmonized instructions to respond to this Call for Data

### **Please note:**

Please indicate by 30 June 2026 to the Co-Chairs of EPNB using the e-mail address specifically dedicated to this call, '[NNB-submission@iiasa.ac.at](mailto:NNB-submission@iiasa.ac.at)', if you are planning to deliver data within this call. Please be aware that any early indication of your choice will help EPNB to organize the workplan more efficiently.

## 2. **Methodology and data format**

For comparability reasons please apply as closely as possible the methodology as documented in the

- **Guidance** document on National Nitrogen Budgets (<https://unece.org/environment/documents/2025/09/working-documents/draft-revised-guidance-document-national-nitrogen>) and
- its detailed **annexes** (<https://openumwelt.de/entities/publication/93f1fad6-1f19-404e-b4c6-4789b05fc3a6>)

To facilitate the reporting and evaluation of the data, please provide at minimum your national input data with the prepared Excel-based reporting template; cells that can be edited by users are formatted specifically; the rest of the template has restricted access and facilitates the assessment and output of aggregated national results

- **Excel** reporting template v1.0 ([https://www.umweltbundesamt.de/system/files/medien/11850/publikationen/reporting-template-nnb\\_v1.0.xlsx](https://www.umweltbundesamt.de/system/files/medien/11850/publikationen/reporting-template-nnb_v1.0.xlsx))

For **visualization** of the national nitrogen budgets, it is recommended to use either the

- The R visualisation tool provided by CEH ([https://connect-apps.ceh.ac.uk/Nbudget\\_app](https://connect-apps.ceh.ac.uk/Nbudget_app), please request login via the dedicated e-mail address or CEH directly) or
- The STAN visualization template ([https://www.umweltbundesamt.de/system/files/medien/11850/publikationen/nnb\\_model\\_stan\\_master\\_v1.0.zip](https://www.umweltbundesamt.de/system/files/medien/11850/publikationen/nnb_model_stan_master_v1.0.zip)) together
- with the STAN software (<https://www.tuwien.at/cee/iwr/ressourcen/downloads/stan>)

## 3. **Year, time frame, time series of reporting**

It is suggested to provide the data for one of the following **time patterns** with a) being the most appropriate and b), c) or d) being alternative, less optimal solutions

- a) years 2021-2025, including the provision of an average over the time period
- b) one year of the period 2021-2025, preferably the latest year (2025); a dataset with another full year within this period or with different years within this period is also possible
- c) a period prior to 2021
- d) a single year prior to 2021

## 4. **Documentation and other general information**

A documentation in written form will substantiate and justify sources and methods applied in response to this call. Especially, it should summarize the research, the data and the literature as reported with the data template, and it should document chosen deviations from the proposed

international guidance methodology. A structure similar to like data collections is recommended (e.g., Informative Inventory Report collected by the Center for Emission Inventories and Projection).

## **5. Submission**

The Center for Emission Inventories and Projections, CEIP, kindly confirmed their willingness to host resulting NNB's (Excel reporting templates and documentation) on their web site for full transparency. CEIP has extensive experience in hosting emission inventory data produced under the Convention. As with other data, CEIP will need a written confirmation by the respective institutions certifying legal conformity (see Attachment).

Parties are invited to submit to the dedicated e-mail address ('[NNB-submission@iiasa.ac.at](mailto:NNB-submission@iiasa.ac.at)') by **June 30, 2027**. Submitted material will be checked very briefly before being forwarded to CEIP and uploaded. More substantial checking will be done by EPNB, providing reports to TFRN and other Convention Bodies.

## **Attachment**

Draft Declaration on the publication of the NNB  
(to be updated in line with CEIP, e.g. including a CC-BY license)

*[Name of organization]*

agrees that Umweltbundesamt GmbH as operator of the Centre of Emission Inventories and Projections (CEIP) homepage publishes the National Nitrogen Budget spreadsheet and documentation of  
*[Name of Party]*

of the year *[enter year]*

or

of the time period *[enter year from]* – *[enter year to]*

on their website [www.ceip.at](http://www.ceip.at) and that it thus becomes publicly available.

Further I declare that the content of the National Nitrogen Budget spreadsheet and documentation for the data provided of *[Name of Party]*

will not infringe copyrights, patent rights, trademark rights, other property rights or any other rights of third parties and that  
*[Name of organization]*

will fully indemnify and hold harmless Umweltbundesamt GmbH from and against third party claims.