



sustainable energy for everyone



The process to arrive at an Intended Nationally Determined Contribution

Preparation of a Guidebook

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Open questions around INDCs – Discussion paper

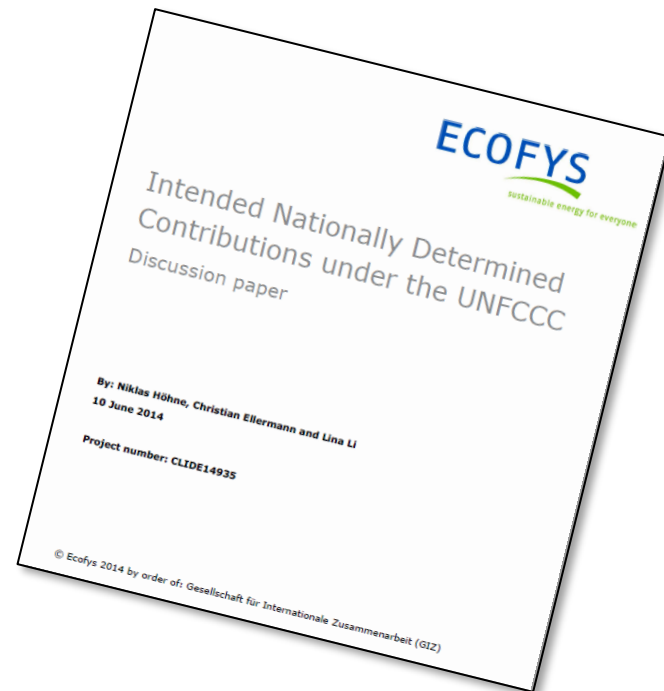
- > Meaning of the contributions and rationale for countries to prepare them
- > Technical requirements for the preparation of a contribution
- > Options for the preparation and communication of a contribution
- > Requirements regarding information content
- > Expectations for the international process evaluating the contributions

Intended Nationally Determined Contributions under the UNFCCC

Discussion paper

Niklas Höhne, Christian Ellermann
and Lina Li

<http://www.ecofys.com/en/publication/intended-nationally-determined-contributions-under-the-unfccc/>



Open questions around INDCs - Guidebook

- > Generic process options (bottom-up, top-down)
- > Essential process elements
- > Illustrative example processes for different types of countries

The process to arrive at an Intended Nationally Determined Contribution

Guidebook

Niklas Höhne, Christian Ellermann
forthcoming



Open questions around INDCs - Guidebook

> Essential process elements

Preparing and compiling the needed technical information

↳ **Evaluation of costs and support needs**

↳ **Identification and tracking of co-benefits over time**

↳ **Stakeholder engagement**

↳ **Evaluation whether INDC elements are ambitious**

↳ **Package and present intended contributions**

Open questions around INDCs - Guidebook

> Essential process elements

- > Builds on on-going processes
- > Can be iterative and with feedback loops
- > Consolidate understanding of possibilities for climate action
- > Not a one-off exercise, but a starting point for future climate discussions
 - Monitoring of process
 - Ratcheting up

Preparing and compiling the needed technical information

Evaluation of costs and support needs

Identification and tracking of co-benefits over time

Stakeholder engagement

Evaluation whether INDC elements are ambitious

Package and present intended contributions

Illustrative processes for different types of countries

> Indicative focus areas

Element	<i>Higher</i> ← Level of country capability → <i>Lower</i>		
Inspirational national long term emissions goal	Year of intended phase out of GHG emissions	Long-term peak and decline pathway or range	-
National short term emissions target	Precisely defined, economy wide, multi-year target until 2025 and/or 2030	Indication of mitigation ambition until 2025 and/or 2030 (below BAU, intensity, range)	-
Energy targets	National energy efficiency or renewable targets Targets related to land-use and forestry	National energy efficiency or renewable targets Targets related to land-use and forestry	National energy efficiency or renewable targets, if existing
Highlight policies and projects	Governance structures Highlight policies / projects with intended impacts	Governance structures Highlight policies / projects with intended impacts	Selection of a few, yet ambitious policies and/or projects
International support needs for mitigation and adaptation	-	Precise purpose and value of support needed differentiated from actions without support	Order of magnitude of support needed
Intended provision of support for mitigation and adaptation	Source, use and value of intended support	Intended south-south provision of support	-
Explanations	Detailed explanation why this contribution is an ambitious and equitable contribution to the global goal	Explanation why this contribution is an ambitious and equitable contribution to the global goal	-

Examples on possible details of contributions

- > Input for decisions on individual elements
 - *Example topic: Inspirational national long term emissions goal*

Table 2. Detailed consideration of possible input for the INDC.

<i>Higher</i> ← Level of country capability → <i>Lower</i>		
Has the country formulated a top-down vision for the phase out of GHG emissions?	Has the country formulated a top-down vision of a pathway or range for long-term peak and decline of GHGs?	
Has the country officially announced long-term mitigation commitments (i.e. submitted to the UNFCCC)?		Has the country submitted information on long-term mitigation pathways (i.e. submitted to the UNFCCC in a national communication or BUR)?
Does research exist on the technical and economic aspects of a phase out of GHG emissions?	Does research exist on the technical and economic aspects of a long-term peak and decline of GHG emissions?	Does research exist on viable long-term low GHG emission pathways?

Examples on possible details of contributions

> Input for decisions on individual elements

- *Example topic: Inspirational national long term emissions goal*

... followed by

- Guidance on assessing the level of ambition
- Examples from past practice (e.g. 2020 pledges)

Table 3. Examples of country's inspirational national long term emissions goals.

Country	Goal
Costa Rica	Carbon neutral by 2021
USA	83% below 2005 by 2050
South Africa	Peak and decline (40% below BAU, stabilization at that level, decrease after 2035)
Mexico	Halving GHG emissions by 2050

Goal at this workshop for the guidebook development



- > Discuss with participants, learn from your needs
- > Does the setup of the guidebook reflect your needs?
- > What should be included?

Thank you for your attention!



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