



Global BTR Dialogue

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Brussels



**Partnership on Transparency
in the Paris Agreement**

Supported by:



Federal Foreign Office



on the basis of a decision
by the German Bundestag



Ministry of Environment
**Greenhouse Gas Inventory
and Research Center**



**forestry, fisheries
& the environment**
Department
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

Solutions arena: NDC indicators

Day 2

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indicator, n.

That which serves to indicate or give a suggestion of something; an indication

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ChatGPT

Indicators for tracking the progress of Nationally Determined Contribution parameters used to assess and evaluate the implementation and effectiveness of climate action plans as outlined in their NDCs. These indicators serve to track progress towards achieving the goals and targets set forth in the NDCs on the specific needs and priorities of each country, but typically include

indicador, ra

SIN. / ANT.

1. *adj.* Que indica o sirve para indicar. U. t. c. s. m.

SIN.: señal, cartel¹, guía, inscripción, poste, hito, pilar², mojón¹, cuadro, panel¹.

3. **Moyen d'évaluation.** **CHIMIE.** Substance ou dispositif physico-chimique qui change d'aspect lorsque la concentration d'un constituant varie dans une solution, ce qui permet de suivre la marche d'une réaction et d'en déceler le terme. *Indicateur d'acidimétrie. Indicateur coloré*, qui change de couleur suivant les conditions du milieu. *L'hélianthine est un indicateur coloré de pH (potentiel d'hydrogène). Indicateur d'oxydoréduction. Indicateur radioactif*, marqueur radioactif. – **BIOLOGIE.** Se dit d'organismes qui, par leur présence, fournissent des informations sur la nature d'un sol ou les caractéristiques d'un milieu. *Les lichens sont des indicateurs biologiques de la pollution.* Adjectivement. *Une plante indicatrice.* – **ÉCONOMIE.** Moyen d'évaluation, critère d'appréciation d'une situation, d'un phénomène économique ou social à un moment donné. *La*

2. **any of a group of statistical values (such as level of employment) that taken together give an indication of the health of the economy**

3. **a** : a substance (such as litmus) used to show visually (as by change of color) the condition of a solution with respect to the presence of a particular material (such as a free acid or alkali)
b : **TRACER sense 4b**

4. **an organism or ecological community so strictly associated with particular environmental conditions that its presence is indicative of the existence of these conditions**



C. Information necessary to track progress made in implementing and achieving

- Each Party **shall** identify **indicator(s)** (*quantitative or qualitative; relevant to the NDC*) to track progress towards implementation and achievement of its NDC (para. 69) CTF table 1
- Each Party **shall** provide:
 - the information for each selected indicator for the **reference point(s), level(s), baseline(s), base year(s)**; (para 67)
 - and the **most recent information** for each reporting year (para. 68); and **compare** these with start. (para. 69) CTF table 4
- Each Party **with an NDC that consists mitigation co-benefits** from adaptation actions and economic diversification plans, **shall** provide information on domestic policies and measures implemented to address social and economic consequences of response measures.



How to identify the right indicators?

- What is your target?
- Is the target clear? → SMART
- What type of indicator is suited to your target?
- Identify data requirements and the methodology to determine the value of the indicator
- Compile, document, report archive

Figure 11: Step by step process – Identifying and compiling progress indicators for NDC targets





Example indicators (para. 66)

- net GHG emissions and removals
- percentage reduction of GHG intensity
- relevant qualitative indicators for a specific policy or measure
- mitigation co-benefits of adaptation actions and/or economic diversification plans
- Other (e.g. hectares of reforestation, percentage of renewable energy use or production, carbon neutrality, share of non-fossil fuel in primary energy consumption and non-GHG related indicators).