

**Proposal by TWG co-chairs
Suggested framework to support the development of targets & indicators¹**

Task for the Technical Working Group: Agree to adopt the suggested framework to support the development of targets & indicators.

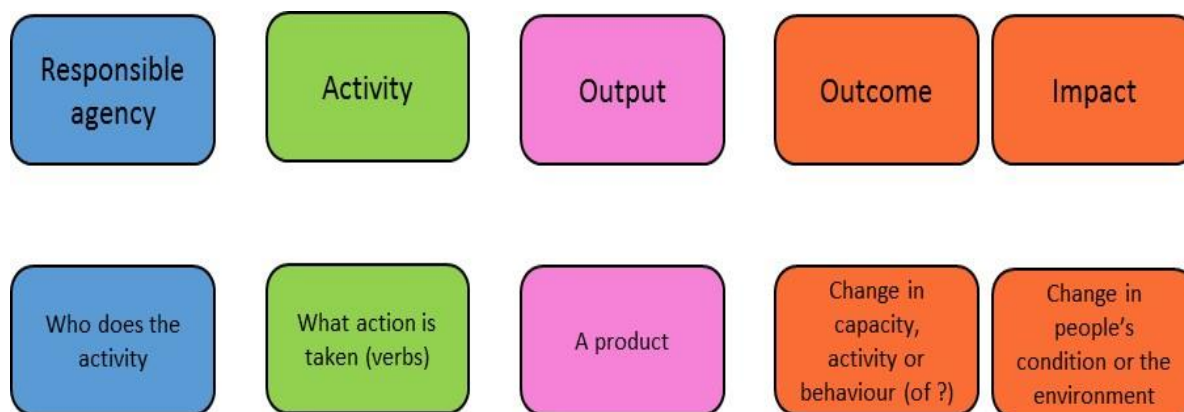
Use the following framework to review group assigned targets.

Step 0 – Clarifying the linkage of targets with the respective strategic objective

Review targets together with the respective objective and identify gaps and concerns on reaching the objective. Reflect any observations as comments or placeholders in the output of your group.

Step 1 – Understanding the structure of the draft target

The breakdown of the draft target into its components can help to analyse how the target is structured. Not all components need to be present for a target to be ‘SMART’ but it can highlight where the focus of the draft target lies, and whether you agree.



Responsible agency	Activity	Output	Outcome/impact

Step 2 – identifying the purpose of the target

In identifying the purpose of the target, it is important first to consider the Strategic Objective within which it sits.

¹ The suggested framework for target development was developed by the Government of the United Kingdom and presented to the Targets, Indicators and Milestones contact group for consideration during IP3.

Step 3: Make it SMART

Specific:

- What data and information?
- What is 'comprehensive'?
- Who makes the data available?
- What 'sufficient' and 'knowledge'?
- Available and accessible to who?

Measurable:

- What is the ideal indicator?
- What can realistically be measured?
- What indicators already exist?
- What is the baseline?
- Is this draft target measurable?

Achievable:

- Does the target accurately specify the amount or level of what is to be measured in order to meet the objective?
- Are there any challenges or constraints undermining achievability of the target (regional or sector related issues)?

Relevant

- Is the target relevant to the Strategic Objective?
- Is the target relevant to other Strategic Objectives or targets?

Timebound

- What is the date by which this must be achieved?

Step 4- Identify 2-5 indicators per target

The Mapping Exercise of existing global and regional data and indicators that could be relevant for the Beyond 2020 Framework should guide the identification of indicators.

Example: Target B1

Target B1: Comprehensive data and information for chemicals on the market are available and accessible, including information and data on properties, health and environmental effects, uses, hazard- and risk-assessment results and risk-management measures, monitoring results and regulatory status throughout their life cycle.

Responsible agency	Activity	Output	Outcome/impact
	Comprehensive data and information are available and accessible	Information and data on properties, health effects, environmental effects, uses, hazard and risk assessments, risk management measures, monitoring results.	

- From this we notice that no responsible agency is highlighted. Responsibility for action has to be clear in order for a target to be met, however this could be laid out in the target, in the indicators or in the overarching document within which the target sits.
- There is also no outcome or impact included, however it is noted that the use of such data and information is implicit in targets B2, B3, B4, & B5. Consideration of the impact of this target could be considered here.
- It is obvious that much of the text is focused on highlighting the different types of priority data that should be available and accessible. This makes the target rather long.

Step 2 – identifying the purpose of the target

In identifying the purpose of the target it is important first to consider the Strategic Objective within which it sits:

*Strategic Objective B: **Comprehensive** and **sufficient knowledge, data and information** are **generated, available and accessible** to all to enable informed decisions and actions*

Target B1: **Comprehensive data and information** for chemicals on the market are **available and accessible**, including information and data on properties, health and environmental effects, uses, hazard- and risk-assessment results and risk-management measures, monitoring results and regulatory status throughout their life cycle.

The common words to both the Strategic Objective and draft target are highlighted. Comprehensive data and information being available and accessible could be considered the primary focus of this target.

Doing this exercise for the other targets in the Objective highlights whether any aspects of the Objective are not covered by a target.

- It is noted that ‘informed decisions and actions’ are implicit in draft targets B2-5.
- ‘Sufficient knowledge’ is not included in any other draft target. It is therefore included here

- ‘Generated’ is not included in any other draft target. It is therefore included here.

Interim target no.1: *Comprehensive data and information and sufficient knowledge is generated, available and accessible.*

Step 3: Make it SMART

Specific:

- What data and information?
 - High-level - chemicals on the market throughout their life cycle
 - Detail - including information and data on properties, health and environmental effects, uses, hazard- and risk-assessment results and risk-management measures, monitoring results and regulatory status
- What is ‘comprehensive’?
 - At a minimum, including information and data on properties, health and environmental effects, uses, hazard- and risk-assessment results and risk-management measures, monitoring results and regulatory status
- What market?
 - The global market
- Who makes the data available?
 - Given the definition of ‘comprehensive data’ above, industry and regulators.
- What ‘sufficient’ and ‘knowledge’?
 - Knowledge of chemicals, however this does not add to the more specific terms ‘data’ and ‘information’, so is removed. ‘Sufficient’ is therefore also removed (and noted to be hard to define and measure).
- Available and accessible to who?
 - The stakeholders outlined in Objectives B2-5, for the purposes outlined in those targets

Best Practice is not to include the detail in a target. A target should be short, concise and easily communicable. Alternative placements include in footnotes, supplementary guidance documents or, as in this case, in the indicator.

Interim target no.2: *Industry and regulators generate comprehensive data and information on chemicals on the global market, throughout their lifecycle, and make it available and accessible.*

More information on the purpose and the users of the data is not needed, since these are implicit in the following targets.

Measurable:

- What is the ideal indicator?

- The number/percentage² of chemicals on the market, at every stage of their lifecycle, that have data and information on properties, health and environmental effects, uses, hazard- and risk-assessment results and risk-management measures, monitoring results and regulatory status available and accessible.
- What can realistically be measured?
 - The number of chemical data and information repositories or navigators available for public use. ('available')
 - The number of chemicals on these repositories or navigators with information and data available on properties, health and environmental effects, uses, hazard- and risk-assessment results and risk-management measures, monitoring results and regulatory status at every stage of their lifecycle. ('available' & 'comprehensive')
 - The number of visitors / downloads at these repositories, split by stakeholder or sector. ('accessible')
- What indicators already exist?
 - Number of countries with national chemical inventories (existing IOMC indicator – PRTR)
 - Number of countries that have ratified the Aarhus Convention on Access to Information
- What is the baseline?
 - The first year of measurement of the indicator(s)
- Is this draft target measurable?
 - Yes, for the most part.

Achievable:

- Can comprehensive data and information on chemicals on the market, throughout their lifecycle, be made available and accessible?
 - Yes!

Relevant

- Is the target relevant to the Strategic Objective?
 - We based the draft target wording on text from the Strategic Objective, so yes.
- Is the target relevant to other Strategic Objectives or targets?
 - This target relies on targets B2 – B5 to explain the users, uses and impact of this data being made available
 - D5: *Industry associations promote change towards sustainability and the safe management of waste and of chemicals and consumer products throughout their life cycles, including in sharing information and building the capacity of small and medium-size enterprises to reduce risks.*
 - Suggested response: If the overlap serves no purpose then delete it from D5. If it is key, keep it and share an indicator.

Timebound

- What is the date by which this must be achieved?

² Percentage can only be used if we know the total number of chemicals on the global market.

- To be determined

Proposed target B1: *By 20xx, industry and regulators generate comprehensive data and information on chemicals on the global market, throughout their lifecycle, and make it available and accessible.*