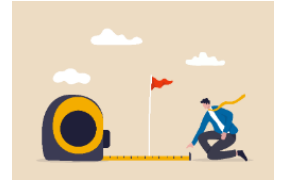




OECD

ONGOING WORK ON ADAPTATION MEASUREMENT



– Pillars of work

CROSS-COUNTRY WORK

COUNTRY CASE STUDIES

PEER-LEARNING

Forthcoming

- **Setting the scene**
- **Methodology & indicators**
- **United Kingdom**
- **Chile**
- **Korea**
- **Slovak Republic**

Upcoming events

- **COP27 side events**

Past events

- **TFCCA event** (Sept 2021 [highlights](#))
- **COP26** (Nov 2021 [video](#))



OECD Adaptation Measurement survey

- **26 questions :**
 - Adaptation policy context
 - Adaptation measurement processes and approaches
 - Key challenges and emerging good practices





Measuring progress towards...

Objectives or goals , 100%

Adaptation actions , 97%

28 countries define some, most or all objectives/targets **qualitatively**

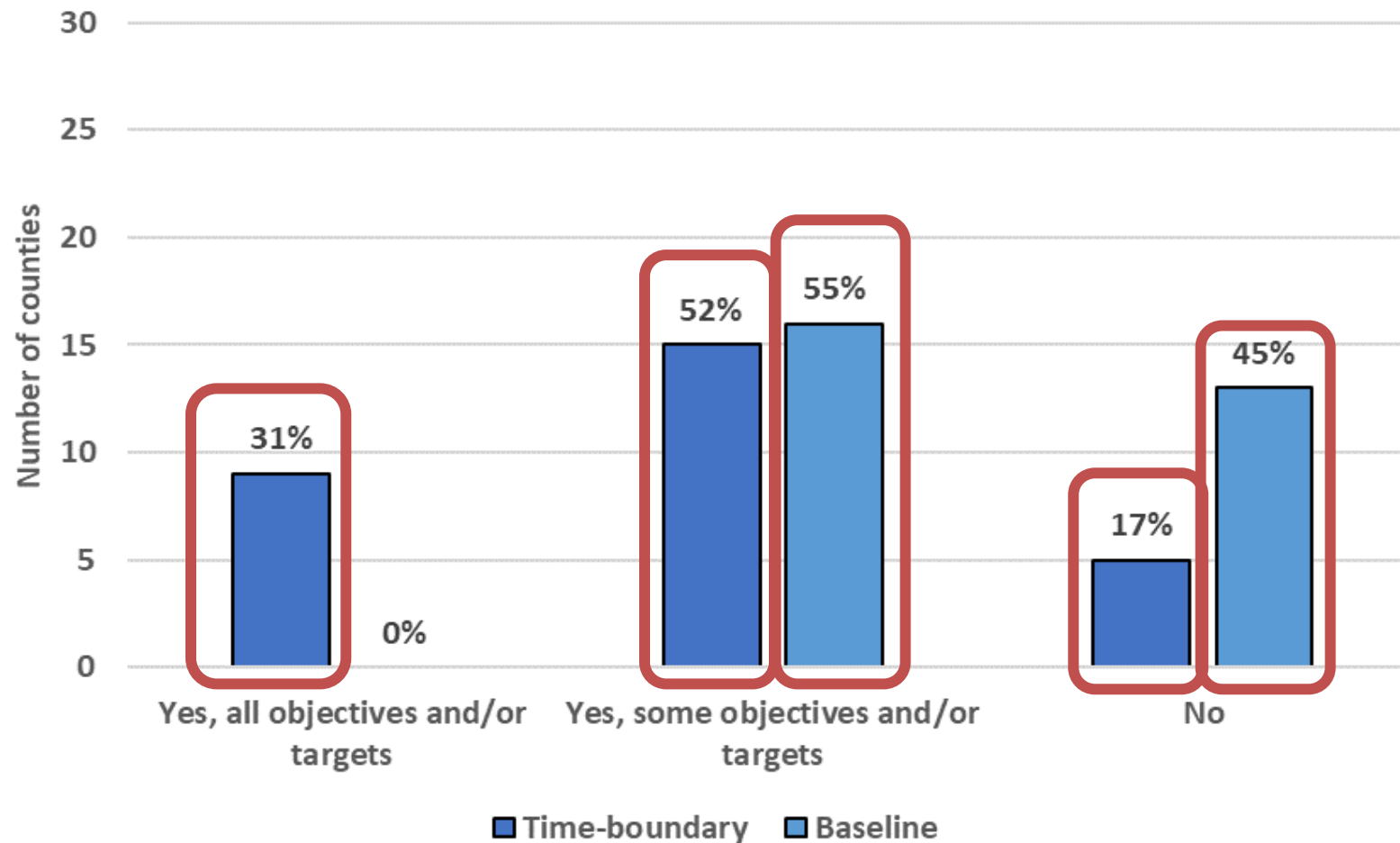
15 countries define some, most or all objectives/targets **quantitatively**

Note: 29 responses received to question 4 “Does your country define the following elements in its NAS/NAP/SAP? “ as a total of 29 respondents to the questionnaire. 29 responses received to question 7a. “In general, are the objectives and/or targets defined qualitatively or quantitatively?” as a total of 29 respondents to the questionnaire.

Source: 2022 OECD Adaptation Measurement survey.



Objectives and/or targets are not always associated with a time horizon

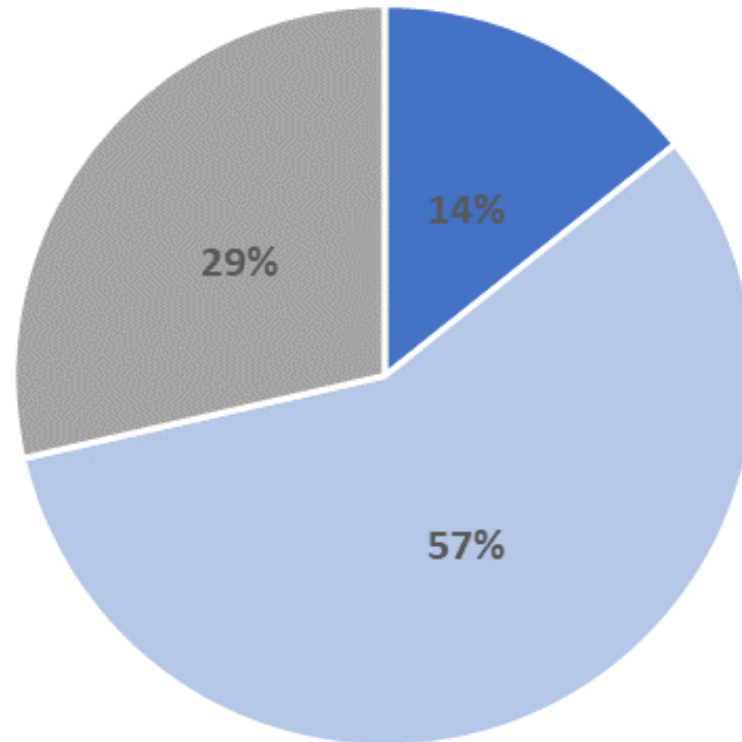


Note: 29 responses received to both question 7.b “Are the objectives and/or targets time-bound?” and question 7.d “Are the objectives and/or targets associated with a baseline?” as a total of 29 respondents to the questionnaire.

Source: 2022 OECD Adaptation Measurement survey.



... but objectives are often associated with indicators



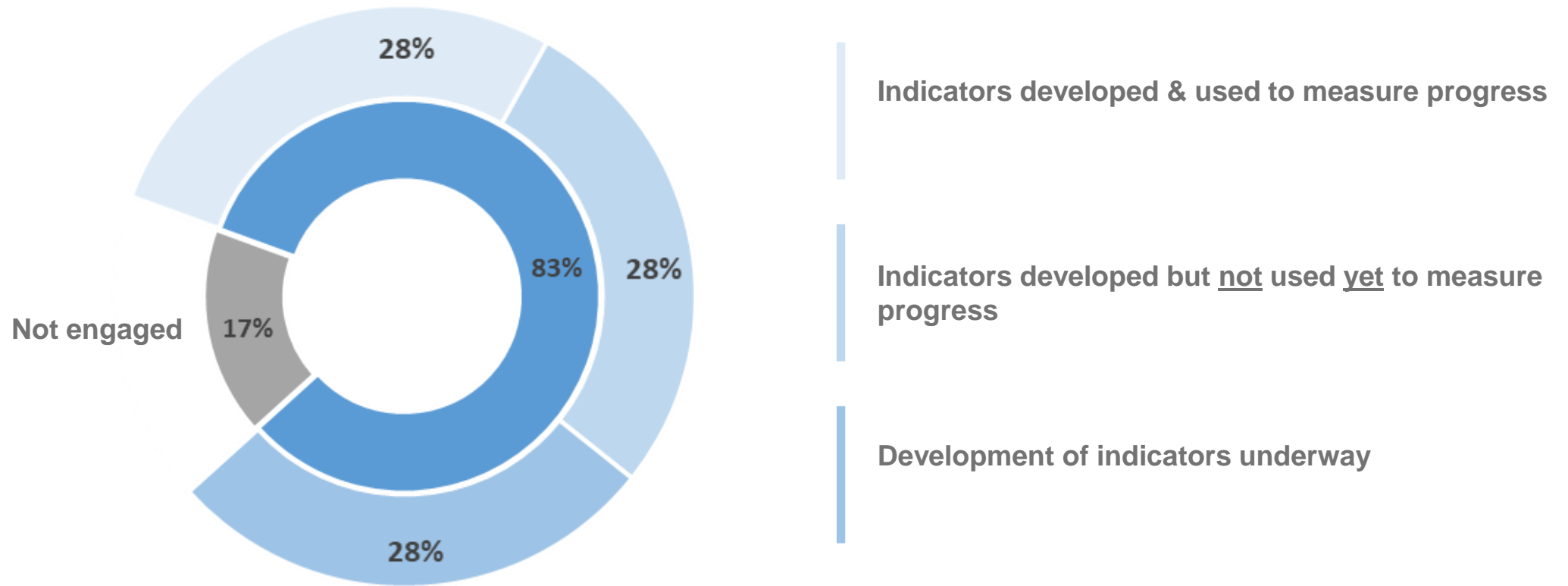
■ Yes, for all objectives ■ Yes, for some objectives ■ No

Note: 28 responses received to both question 7.c "Have indicators been developed to measure progress towards the objectives?" as a total of 29 respondents to the questionnaire.

Source: 2022 OECD Adaptation Measurement survey.



Many country respondents are engaged in the development of indicators with about 1/3 of them already using them



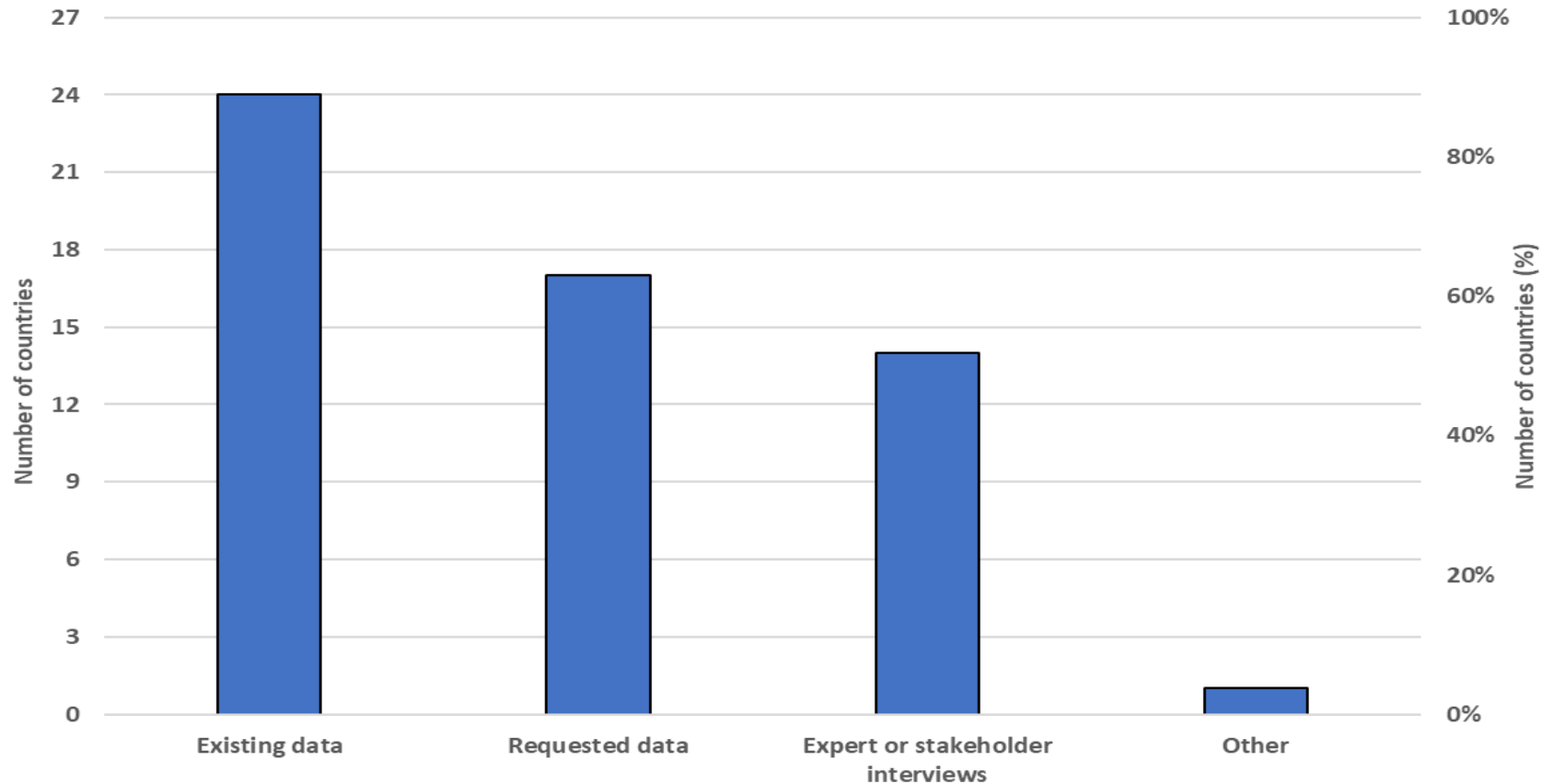
Note: 29 responses received to question 17 “Have you developed indicators to help measure progress on policies that support adaptation?” as a total of 29 respondents to the questionnaire.
Source: 2022 OECD Adaptation Measurement survey.



What drive indicator selection...?

Data availability and quality

✓ 95%



Note (top + other slides): 20 responses received to question 18 “If yes to question 17, what criteria drive indicator selection?” as a total of 29 respondents to the questionnaire. Only respondents that answered positively to question 17 are able to answer to this question. Multiple answer question.

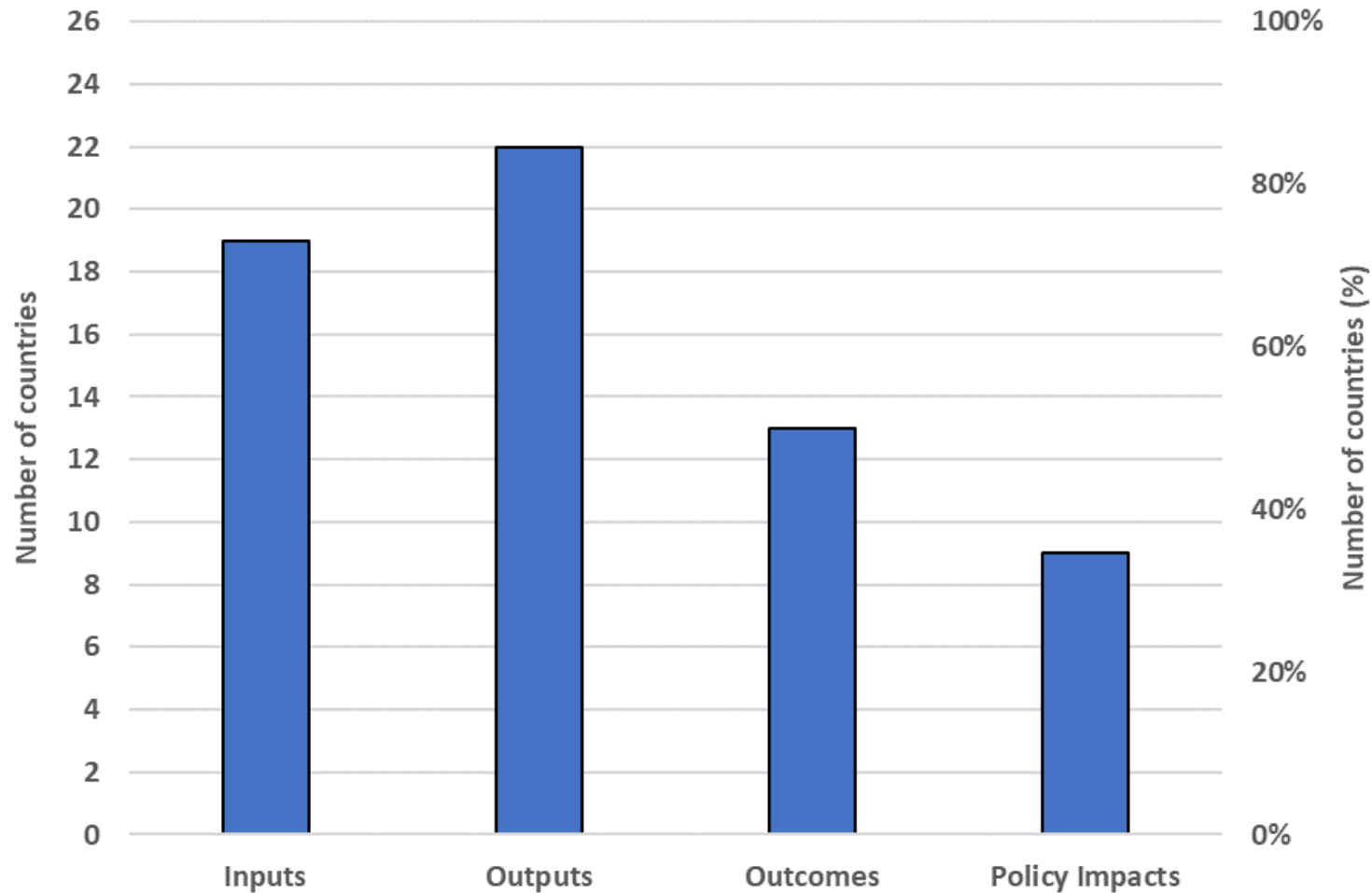
Note (right): 27 responses received to question 11 “How is relevant data and information to measure progress on adaptation collected or generated?” as a total of 29 respondents to the questionnaire. ‘Other’ corresponds to two sources used by the UK CCC: data produced by other organisations and commissioned research to develop of identifying data (e.g. ADAS). Multiple answer question.

Source: 2022 OECD Adaptation Measurement survey.



What drive indicator selection...?

Usefulness and policy relevance
✓ 90%



Note: 26 responses received to question 8 “Does your country measure inputs, outputs, outcomes or impacts in measuring the implementation of national adaptation policies?” as a total of 29 respondents to the questionnaire. Multiple answer question.

Source: 2022 OECD Adaptation Measurement survey.



What drive indicator selection...?

Links with other topics/sectors

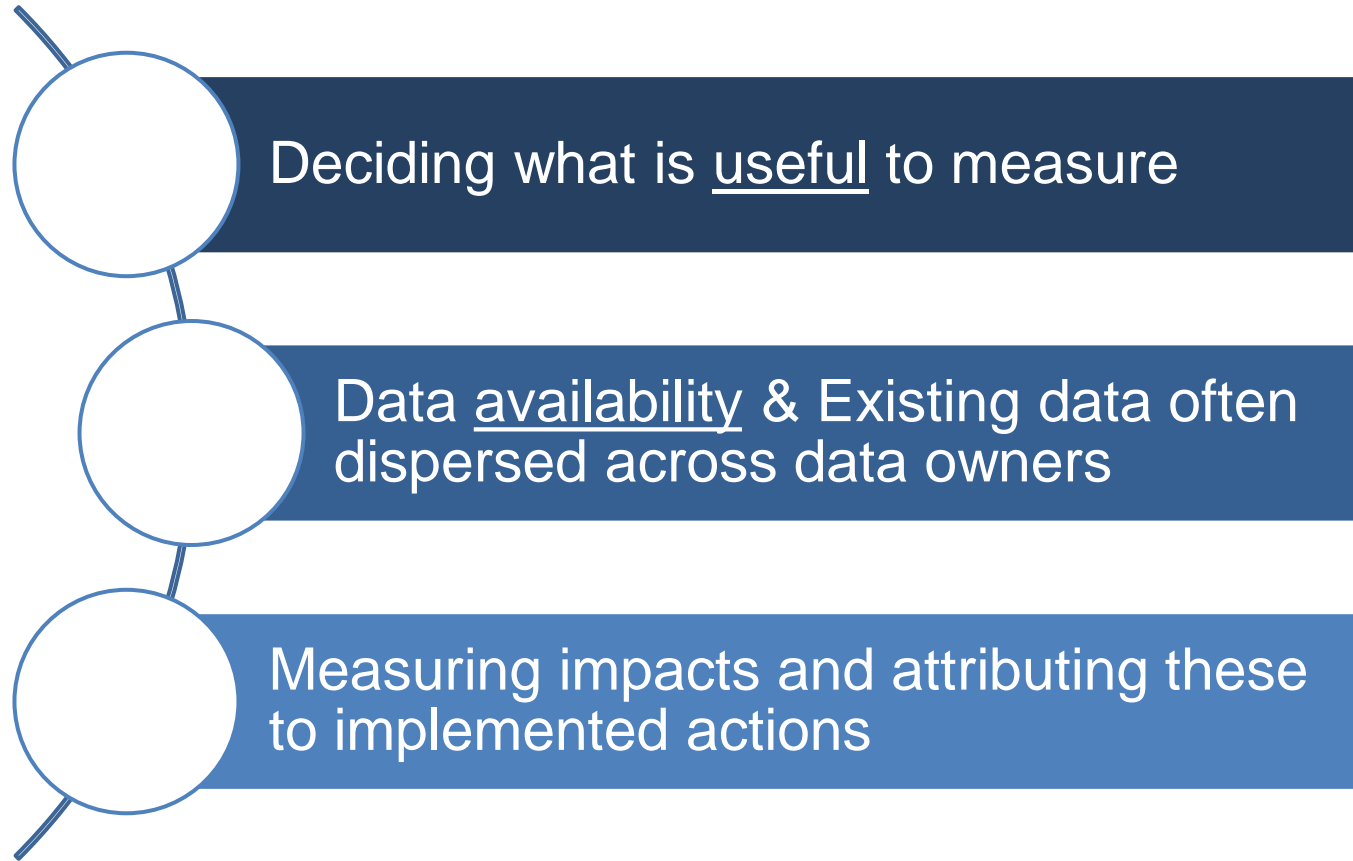
✓ 75%

Countries	Indicator examples
Colombia	Tree cover change (%) - regeneration
Germany	Annual forest regeneration (%)
UK	New tree planting per annum (ha)
Germany	Intensity of water consumption in the manufacturing sector (index)
Colombia	Annual average quantity of water used and/or required by sectors (m3)
UK	Water demand by industry (m3)
France	Excessive mortality during heatwave (%)
Japan	Annual number of deaths from heat stroke
UK	Annual number of heat-related deaths
France	Number of departments affected by water restrictions during summer
UK	Number of days of water restrictions imposed
Colombia	Water vulnerability index to water shortages

- Biodiversity and ecosystems
- Water
- Health
- Disaster risk management



Key challenges in defining and using adaptation indicators



Note: 16 responses received to question 21 “What challenges have you encountered in defining and using adaptation indicators?” as a total of 29 respondents to the questionnaire. Open-ended question.

Source: 2022 OECD questionnaire on Measuring Progress in Implementing National Adaptation Policies.



If, and how do indicators facilitate the understanding of progress on the implementation of adaptation?

- ✓ Understanding **trends** and positive/negative changes (rate of change)
- ✓ Assessing **progress** in implementing adaptation actions (% achievement)
- ✓ Identifying adaptation **gaps and needs** (links to climate risk assessment)

Note: 15 responses received to question 19 “If yes to question 17, please describe if and how indicators facilitate the understanding of progress on the implementation of adaptation.” as a total of 29 respondents to the questionnaire. Only respondents that answered positively to question 17 are able to answer to this question. Open-ended question.

Source: 2022 OECD Adaptation Measurement survey.



THANK YOU!

FIND OUT MORE ON:

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