

G4-EN10

PERCENTAGE AND TOTAL VOLUME OF WATER RECYCLED AND REUSED

- a. Report the total volume of water recycled and reused by the organization.
- b. Report the total volume of water recycled and reused as a percentage of the total water withdrawal reported under Indicator G4-EN8.
- c. Report standards, methodologies, and assumptions used.

GUIDANCE

Relevance

This Indicator measures both water that was treated prior to reuse and water that was not treated prior to reuse. Grey water (that is, collected rainwater and wastewater generated by household processes such as washing dishes, laundry, and bathing) is included.

The rate of water reuse and recycling is a measure of efficiency and demonstrates the success of the organization in reducing total water withdrawals and discharges. Increased reuse and recycling may result in a reduction of water consumption, treatment, and disposal costs. The reduction of water consumption over time through reuse and recycling may also contribute to local, national, or regional goals for managing water supplies.

Compilation

Identify the volume of recycled and reused water.

Identify if water or flow meters do not exist and estimation by modeling is required.

For example, if the organization has a production cycle that requires 20 cubic meters of water per cycle, the organization withdraws 20 cubic meters of water for one production process cycle and then reuses it for an additional three cycles. The total volume of water recycled and reused for that process is 60 cubic meters.

Definitions

See Glossary in *Implementation Manual*, p. 244

- [Water recycling and reuse](#)

Documentation sources

Information may be obtained from water or flow meters.