# Country Report - Jamaica

*Jamaica National Training on Circular Economy Indicators, 7-14 July 2025*

*under the European Commission funded project on Enhancing countries' capacity for measuring progress on the transition towards a circular economy, 2024-2026*

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## 1. Introduction

The 2030 Agenda for Sustainable Development has elevated the profile of the environmental dimension of development and its monitoring. The UN Environment Assembly adopted Resolution 5/11 (2022) on Enhancing circular economy as a contribution to achieving sustainable consumption and production invites Member States to integrate circular economy approaches into national and regional strategies and action plans. In this regard, the UNECE Task Force on Measuring Circular Economy, formed of international, regional and national organizations, developed the statistical framework intended to be the international statistical framework used to measure the progress of countries in their transition to a circular economy.

This project aims to build capacity to accelerate the transition towards a circular economy in the context of sustainable development at different levels. Enhancing institutional technical capacities to regularly produce circular economy and waste datasets is imperative to inform and develop evidence-based policies. The project focuses on various Sustainable Development Goal (SDG) indicators and others related to Sustainable Consumption and Production (material footprint, domestic material consumption, circular material use rate, material productivity), waste (municipal solid waste, hazardous waste, national recycling rate, food waste and loss), water (water stress, pollutants discharges to water bodies) and emissions (greenhouse gas emissions).

Newly developed tools were used to assist in the compilation of the data necessary to calculate the above-mentioned indicators. These tools are formed of (i) Excel spreadsheets containing detailed variables that are calculated together to generate the value of indicators, and (ii) step-by-step documents to guide government officials on filling the Excel spreadsheets.

## 2. General training information

The training was held at the National Environment and Planning Agency (NEPA) premises between 7 and 14 July 2025 in Kingston, Jamaica. The training was attended by 64 participants, 62% were females and 38% were males.

Participants attending the training were government officials (by alphabetical order) from the 360 Recycle Manufacturing Ltd; Caribbean Cement Company Ltd; Forestry Department; Garbage Disposal and Sanitation Systems Ltd.; Grace Kennedy Foundation; Jamaica Bauxite Institute; Jamaica Customs Agency; Jamaica Information Service; Jamaica Information Service; Jamaica Manufacturers and Exporters Association; Jamaica Public Service Company; JISCO Alpart Jamaica Ltd; Mines and Geology Division; Ministry of Agriculture, Fisheries and Mining; Ministry of Economic Growth and Job Creation; Ministry of Science, Energy and Technology; National Environment and Planning Agency; National Irrigation Commission; National Solid Waste Management Authority; National Water Commission; Pesticides Control Authority; Planning Institute of Jamaica; Recycling Partners Jamaica; Rural Agricultural Development Authority; Statistical Institute of Jamaica; TROPICKS365; Water Rersources Authority.

Participants attended the sessions on sustainable consumption and production indicators including the following indicators: Material footprint (SDG indicator 8.4.1/12.2.1), Domestic material consumption (SDG indicator 8.4.2/12.2.2), Circular material use rate, Material productivity, water indicators including Water stress (SDG indicator 6.4.2) and Wastewater (SDG indicator 6.3.1) and the sessions on waste indicators including Municipal solid waste (SDG 11.6.1), Hazardous waste (SDG indicator 12.4.2), National recycling rate (SDG indicator 12.5.1), Food waste and loss (SDG indicator 12.3.1) and Greenhouse gas emissions (SDG indicator 13.2.2). All materials were shared with participants during the training, including presentations, Excel tools as well as other training related materials.

## 3. Key observations and recommendations

The participants showed interest in the technical material provided and proactively participated in the training. The Statistical Institute of Jamaica (STATIN) is committed to improving the availability of statistics related to circular economy indicators. Although data gaps exist and must be addressed, participants identified various strategies to improve administrative data (especially at NEPA) and use them as data sources.

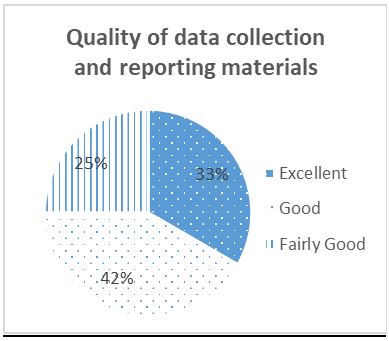
Overall, all training participants were collaborating among themselves and with the trainer. This was detectable from the willingness to share available knowledge, data and experiences. Various discussions took place in relation to identifying sources of data. Furthermore, challenges related to inadequate collaboration and coordination among institutions were highlighted and participants discussed the need for improvement and for having more official mechanisms (i.e., memorandum of understanding), given that circular economy is a cross-cutting topic that require coordination among multiple national and local institutions. Also, the coordination with private sector was discussed and ideas emerged to improve public-private partnerships.

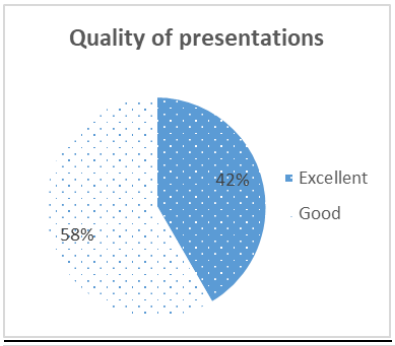
## 4. Training Evaluation

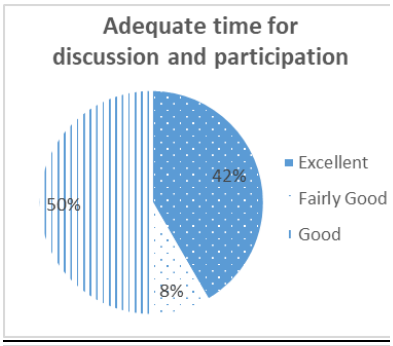
**Quality of technical material**

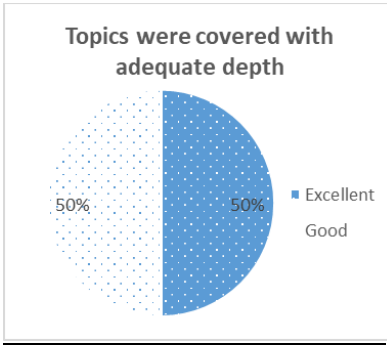
Twelve participants (19% of total participants) responded to the online anonymous evaluation of the training, which was available online for more than one month. Thirty-three percent of respondents rated excellent the quality of data collection and reporting materials, while 42% rated excellent the quality of the presentations as well as adequate time allocated for discussion and participation. Half of the respondents rated excellent the coverage of topics with adequate depth, 34% the clarity of the conclusions reached and 42% the extent to which the training objectives were reached. 33% of respondents rated excellent improved knowledge acquired by the training as well as the overall value of the training.

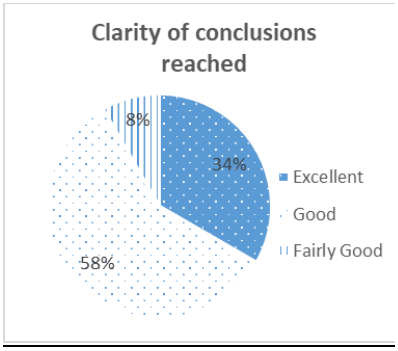
Additional comments from respondents revolved around (a) the appreciation for the training format that encourages participation and the shared knowledge that helps better understand the content and be exposed to new concepts in adopting circular economy, (b) the very good quality of presentations and their delivery, (c) the preference of having received the presentations prior to the training for better preparations, (d) the availability of data ((i) the training highlighted the existing data gap, (ii) inadequate data collection from some entities and (iii) sufficient data was available to use in the training modules).



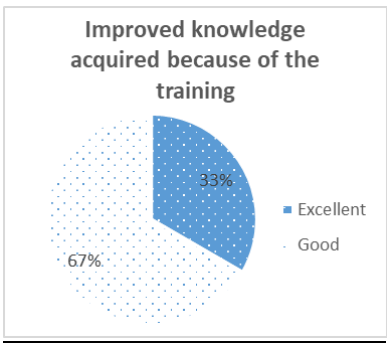



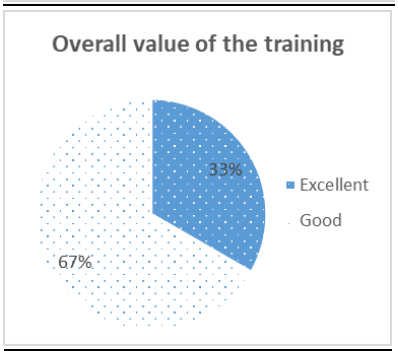





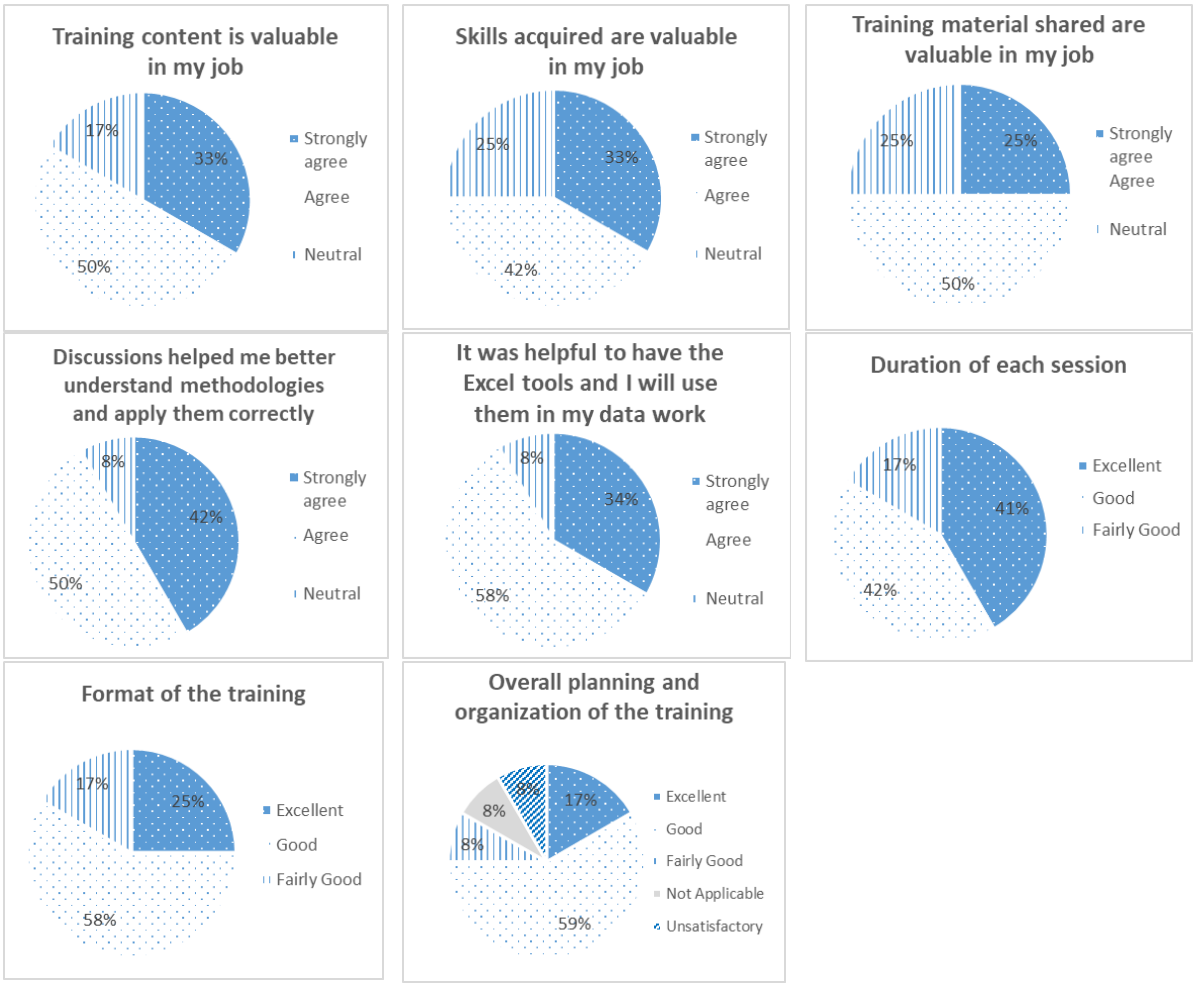



**Content and conduct of the presentations**

33% of respondents strongly agreed that (a) the training content is valuable to their job and (b) the skills acquired are valuable to their job. 25% strongly agreed that the training material shared are valuable to their job. In addition, 42% strongly agreed that discussions helped them better understand methodologies and how to apply them correctly, while 34% strongly agreed that the Excel tools were helpful and they will be used in performing data work.

Respondents commented on (a) how well the training was conducted, organized, informative and pertinent to their job, (b) how it stoked interest in the subject matter, (c) the proposal to select another larger venue for future trainings as well as checking for food allergies in advance, and (d) the need to have collected data prior to the training so the training can be more data gaps focused.




**Organization of the training**

41% rated excellent (a) the duration of each session and 25% of respondents rated excellent format of the training. Overall, 17% rated excellent the planning and organizing of the training.

## 5. Training documentation

*List of participants*

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*Agenda*

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| **Monday 07 July 2025** | |
| ***Session 1: Opening and introduction*** | |
| 08:30 – 09:00 | Welcome and Remarks<br>- Chairperson (To be Decided) |
| | National Anthem (Instrumental) |
| | Remarks<br>- Leesha Delatie-Budair STATIN<br>- Leonard Francis, NEPA<br>- Vincent Sweeny, UNEP Jamaica |
| 09:00 – 09:30 | Presentation of the project and training objectives<br>Introduction to the training and presentation of the agenda and materials. UNEP |
| 09:30 – 10:00 | - Presentation by STATIN about environment statistics, environmental accounts, material flow accounts in Jamaica, including national data sources and main stakeholders.<br>- Presentation by NEPA about available environment statistics, national data sources and stakeholders. |
| *10:00 – 10:30* | *Coffee break* |
| 10:30 – 12:30 | Introduction of participants |
| | Presentation UNEP about Material Flow Accounts and related indicators.<br>Practical work about Material Flow Accounts |
| *12:30 – 13:30* | *Lunch* |
| 13:30 – 15:00 | Practical work about Material Flow Accounts |
| *15:00 – 15:30* | *Coffee break* |
| 15:30 – 16:30 | Practical work about Material Flow Accounts |
| **Tuesday 08 July 2025** | |
| ***Session 2: Material Flow Accounts (EW-MFA)*** | |
| 08:30 – 10:00 | Practical work about Material Flow Accounts |
| *10:00 – 10:30* | *Coffee break* |
| 10:30 – 12:30 | Practical work about Material Flow Accounts |
| *12:30 – 13:30* | *Lunch* |
| 13:30 – 15:00 | Practical work about Material Flow Accounts |
| *15:00 – 15:30* | *Coffee break* |
| 15:30 – 16:30 | Practical work about Material Flow Accounts |
| **Wednesday 09 July 2025** | |
| ***Session 3: Waste (Municipal solid waste and hazardous waste)*** | |
| 08:30 – 09:15 | Presentation by NEPA, NSWMA about waste statistics and accounts in Jamaica, including national data sources and stakeholders. |
| 09:15 -10:00 | Presentation by UNEP about circular economy indicators related to waste |
| *10:00 – 10:30* | *Coffee break* |
| 10:30 – 12:30 | Presentation by UNEP – *continued*<br>Practical work about waste indicators |
| *12:30 – 13:30* | *Lunch* |

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| 13:30 – 15:00 | Practical work about waste indicators |
| *15:00 – 15:30* | *Coffee break* |
| 15:30 – 16:30 | Practical work about waste indicators |
| **Thursday 10 July 2025** | |
| ***Session 4: Waste (Municipal solid waste, hazardous waste, food losses and food waste)*** | |
| 08:30 – 09:15 | Presentation by NEPA, NSWMA, MOAFM and any other agencies or ministries about food losses and food waste, including national data sources and stakeholders. |
| 09:15 -10:00 | Presentation by UNEP about circular economy indicators related to food |
| *10:00 – 10:30* | *Coffee break* |
| 10:30 – 12:30 | Presentation by UNEP – *continued*<br>Practical work about waste indicators |
| *12:30 – 13:30* | *Lunch* |
| 13:30 – 15:00 | Practical work about waste indicators |
| *15:00 – 15:30* | *Coffee break* |
| 15:30 – 16:30 | Practical work about waste indicators |
| **Friday 11 July 2025** | |
| ***Session 5: Level of water stress and wastewater treatment*** | |
| 08:30 – 09:00 | Presentation by NEPA, NWC, and WRA about the level of water stress and wastewater production and treatment, water statistics and accounts, including national data sources and stakeholders. |
| 09:00 -10:00 | Presentation by UNEP about circular economy indicators related to water |
| *10:00 – 10:30* | *Coffee break* |
| 10:30 – 12:30 | Presentation by UNEP - *continued*<br>Practical work about water stress and wastewater discharges indicators |
| *12:30 – 13:30* | *Lunch* |
| 13:30 – 15:00 | Practical work about water stress and wastewater discharges indicators |
| *15:00 – 15:30* | *Coffee break* |
| 15:30 – 16:30 | Practical work about water stress and wastewater discharges indicators |

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| **Monday 14 July 2025** | |
| ***Session 6: Air emissions and Material Flow Accounts (WE-MFA)*** | |
| 08:30 – 09:00 | Presentation by STATIN, NEPA and any other agencies or ministries about the air emissions statistics, accounts and inventories, including national data sources and stakeholders. |
| 09:00 -10:00 | Presentation by UNEP about the circular economy indicator related to air emissions |
| *10:00 – 10:30* | *Coffee break* |
| 10:30 – 12:30 | Practical work about air emissions indicator |
| *12:30 – 13:30* | *Lunch* |
| 13:30 – 15:00 | Practical work about Material Flow Accounts and circular economy indicators. |
| *15:00 – 15:30* | *Coffee break* |
| 15:30 – 16:00 | Presentation of training outcomes and conclusions<br>Next steps and Closing remarks |

*Photos*




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