Training course outline

Title	Generation Connect Digital Learning
Modality	Online self-paced
Dates	4 April – 31 August 2022
Duration	14 hours for the completion of the 3 courses
Registration deadline	4 June 2022
Training fees	free
Description	The Generation Connect Digital Learning is comprised of 3 courses: - ICT Accessibility - The key to inclusive communication This training course encompasses a holistic introduction to ICT accessibility from the perspective of digital inclusion. The course includes an overview of relevant ICT accessibility requirements, policies, regulations, standards, as well as the tools and resources such as practical advice on the public procurement of accessible ICTs. - An Introduction to E-waste Policy This self-paced course aims to develop knowledge of Waste Electrical and Electronic Equipment (WEEE) policy and regulation. - Innovation Ecosystem 101: Fundamentals on building competitive and innovative ICT-centric ecosystems This course explores innovation, digital ecosystems and transformation. It contains corresponding discussion forums, knowledge checks and additional resources including case studies (demonstrated through videos and articles).
Code	22OS500075MUL-E-D

1.LEARNING OBJECTIVES

Objectives of the 'ICT Accessibility - The key to inclusive communication'' course
- To provide an introductory overview on ICT accessibility as a key element to empower all members of society, including people with disabilities for whom is a compulsory requirement to enable them to live independently.
- To provide an understanding of policies, laws and standards from around the world that regulate the implementation of ICT accessibility.
- To provide a know-how to mainstream ICTs to build and ensure inclusive digital communications.

Objectives of the 'An Introduction to E-waste Policy' course:
- To present youth with the fundamentals of the global challenge of managing Waste Electrical and Electronic Equipment (WEEE)
- To exploring the concept of Extended Producer Responsibility regulation (EPR)
- To present different financing systems for WEEE management
- To explore government related roles and responsibilities in WEEE management.

Objectives of the 'Innovation Ecosystem 101: Fundamentals on building competitive and innovative ICT-centric ecosystems' course:
- To provide youth with the key terminologies, concepts, tools and steps to assess their countries' innovation capacity through practical information
- To explore innovation, digital ecosystems and digital transformation, and their relationship to national development priorities
- To explore how digital entrepreneurship can contribute to making your country an innovation-driven economy, who the key stakeholders are in an ecosystem and their roles in digital transformation
- To challenge youth to evaluate their country's digital innovation gap and how to measure it
- To teach how to diagnose the specifics of the digital innovation gap and how to develop a high-level roadmap to close this gap

2. LEARNING OUTCOMES

Upon completion of the 'ICT Accessibility - The key to inclusive communication' course, participants should be able to:

• Be aware of accessibility features in mainstream ICTs, e.g., mobile phones, computers, television, websites, and self-service terminals such as ticket machines.
• Understand the benefits of accessible features in ICTs for persons with disabilities.
• Know the global frameworks and digital inclusion agenda encompassing ICT accessibility.
• Gain knowledge of international and regional laws that required ICT accessibility and the public procurement of accessible ICTs.
• Know the main ICT accessible standards and standards-making bodies.
• Understand how to use available tools and guidance documents to identify and incorporate ICT accessibility standards in public procurement processes.

Upon Completion of the 'An Introduction to E-waste Policy' course, participants should be able to:

- To support stakeholders in developing National Waste Electrical and Electronic Equipment (WEEE) policy and regulation.

This course serves as an introduction to the key concepts of WEEE, or "e-waste", which may be referred to during stakeholder consultations.

Upon completion, 'Innovation Ecosystem 101: Fundamentals on building competitive and innovative ICT-centric ecosystems' course, participants should understand:

- the key terminologies, concepts and tools to assess their countries' innovation capacity
- innovation, digital ecosystems and transformation
- how to identify their country's ecosystem stakeholders
- how to measure their country's digital innovation gap, and how to develop a roadmap to close the gap.

3. TARGET POPULATION

The target audience is young people across the world aged between 18-29.

4. ENTRY REQUIREMENTS

No prior knowledge nor qualification in the course topics is required.
Only individuals who are within this age range will be admitted.

5. TUTORS/INSTRUCTORS

Name of tutor(s)/instructor(s)	Contact details
Generation Connect Team	GenerationConnect@itu.int

6. TRAINING COURSE CONTENTS

'ICT Accessibility - The key to inclusive communication' Course Contents
Module 1: Enabling communication for all through ICT Accessibility

- This module aims to provide learners with an introduction to ICT accessibility. It is an overview of the global Digital Inclusion policy agenda that strives for inclusive access to ICTs, allowing all people including those with disabilities to use ICTs on an equal and equitable basis and fully participate in the digital society and economy. This module describes the political, economic, and social imperative for making daily ICTs more accessible. It highlights many of the main accessibility features available in technology today that benefit persons with disabilities, older people, and others.

Module 2: ICT Accessibility policy regulations and standards

- This module aims to presents learners with a knowledge and understanding of policies and laws from around the world that support ICT accessibility

implementation. In addition, this module discusses the role and development of international ICT standards that specify in detail accessibility features and functions for everyday ICTs. Lastly, it covers how public procurement is being leveraged to encourage innovation and improve the quality, availability, and affordability of accessible ICTs.

Module 3. Challenges and opportunities for inclusive and digitally accessible environments and communities

This module aims to assist learners in identifying accessibility for persons with disabilities in everyday ICT products and services such as websites and computers. It demonstrates how accessibility requirements can be a win-win if required from the public procurement process to ensure that procured ICTs are conforming with the required accessibility standards. This module is mainly targeted at managers, ICT staff and employees from government organizations including central procurement agencies, ICT companies, civil society bodies representing persons with disabilities and academia.

'An Introduction to E-waste Policy' Course Contents:
- Introduction and Overview
- Introduction to ITU
- WEEE policy support by ITU
- Overview of e-learning units

Module 1: Waste Electrical and Electronic Equipment (WEEE)
- Key definitions
- Key figures
- Key issues

Module 2: Extended Producer Responsibility (EPR)
- Sustainable WEEE policy framework
- Conceptualizing EPR
- Producer Responsibility Organization

Module 3: Financial Management
- What is financial management?
- EPR self-financing
- Conceptualizing financial management for society, consumers and producers

Module 4: Government Stakeholder Groups and Interests
- WEEE government stakeholder interests
- Public participation in environmental decision-making

Innovation Ecosystem 101: Fundamentals on building competitive and innovative ICT-centric ecosystems' Course Contents

Module 1: Understanding your ecosystem.
- Learn about important concepts and resources, giving you a better understanding of your ecosystem, and how to start measuring its performance.

Module 2: Diagnosing your ecosystem.
- Learn about ITU's ecosystem-diagnosing approach. You will become familiar with tools designed to help you with this process.

Module 3: Putting it all together.
- Learn why it is crucial to pay attention to fast-changing technology, its impact on your ICT ecosystem, and why policy experimentation is the new normal for policy development

    Lastly, we will share a case study to illustrate ITU tools' practical applications in an ecosystem.

8.METHODOLOGY (Didactic approach)

The three distinctive self-paced courses include numerous interactive elements, case study examples and module summaries throughout the course to aid learning.

9.EVALUATION AND GRADING

'ICT Accessibility - The key to inclusive communication' Evaluation and Grading:
Each module contains its own quiz, presented at end of each topic. Learners must answer all questions correctly to complete each module. You may attempt each question as many times as you wish.
On completion of each module, you must take the final quiz and score 60% or higher. =. A score of 60 percent (60%) or higher is required to obtain an ITU Completion badge towards the Generation Connect Digital Learning Certificate.
Please note that quizzes within the course do not contain their own audio or captions.
'An Introduction to E-waste Policy' Evaluation and Grading:
Learners can put their knowledge to the test by taking a quiz after completion of each module. A score of 60 percent (60%) or higher is required to obtain an ITU Completion badge towards the Generation Connect Digital Learning Certificate.

Innovation Ecosystem 101: Fundamentals on building competitive and innovative ICT-centric ecosystems' Evaluation and Grading:
Students will be assessed on completing the three modules, their participation in the forum discussions, and their score on the final exam. They will have three attempts to pass the final exam and a score of 60 percent (60%) or higher is required to obtain an ITU Completion badge towards the Generation Connect Digital Learning Certificate.

Upon the collection of the 3 badges, you will be awarded of the Generation Connect Digital Learning Certificate.

10.TRAINING COURSE COORDINATION

ITU coordinator:
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