

Telefonica



ITU Green standards week

Innovating today for
a sustainable tomorrow

eLearning for eWaste

Hossam Allam
Regional Programme Manager
Centre for Environment and Development
for the Arab Region and Europe (CEDARE)



Centre for Environment and Development for the Arab Region and Europe (CEDARE)

- Established in 1992 as an international inter-governmental Organization
- Request from the Arab Ministers Responsible for the Environment – League of Arab States
- Strategic Objective: To build qualified and responsible human resource base, capable of addressing the complex array of environmental challenges and concerns



CEDARE eAcademy

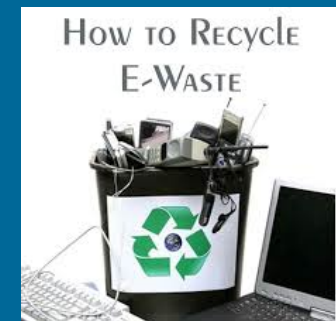
<http://eacademy.cedare.int>

- Provide on-line training on environment and development issues:
 - Electronic wastes management
 - Environmental Management and Assessment
 - Climate Change
 - Water Resources Managemtn
 - Project Management



eAcademy E-waste management Courses

- Introduction on E-waste Management
- How to Setup E-waste collection and recycling center



E-waste Management Courses

- Introduction on E-waste Management:
To build capacity of practitioners and decision makers to guide and handhold them to plan, design and implement WEEE/ E-waste management including policy, collection, transportation and treatment in a city/geographical area and country.

E-waste Management Courses

- How to Setup E-waste collection and recycling center:

To guide participants for the requirements of establishing electronic wastes collection and recycling center. The course introduces issues relating to computer recycling initiatives and gives general information required for starting such recycling center.



CEDARE E-Academy provides elearning courses for environment and development issues that are needed by professionals working in related fields.

Registration

To register in a course, download the Registration Form at Main Menu, complete it and send it to CEDARE.

Course categories

- [Electronic Wastes Management](#)
- [Environmental Management and Assessment](#)
- [Climate Change](#)
- [Water Resources Management](#)
- [Coastal Zone Management](#)
- [Project Management](#)
- [All courses ...](#)

Course categories

Electronic Wastes Management	2
Environmental Management and Assessment	3
Climate Change	1
Water Resources Management	1
Coastal Zone Management	2
Project Management	1

Search courses:

Available Courses

[EW 101 Introduction to E-waste Management \(English\)](#)



This course has been developed by CEDARE and UNEP/ROWA. The objective of this course is to build capacity of practitioners and decision makers to guide and handhold them to plan, design and implement WEEE/ E-waste management including policy, collection, transportation and treatment in a city/geographical area and country.

Duration: 3 weeks
Lectures Browsing Fees: Free
Exams and Certificate Fees: 50 USD
Participant's Effort: 4 hours/week

[EW 102 How to Setup E-waste Collection and Recycling Center](#)



This course aims to guide participants for the requirements of establishing electronic wastes collection and recycling center. The course introduces issues relating to computer recycling initiatives and gives general information required for starting such recycling center. Also it presents the functions and operations carried out by a recycling center and discuss issues like environmental protection and worker health and safety. Finally the course provides recommendations and information on the requirements of designing and establishing the center.

Duration: 3 Weeks
Browsing Lectures: Free
Examination and Certificate Fees: 50 USD
Participant's Effort: 4 hours/week

Main Menu

- [Registration Form](#)
- [Site news](#)
- [Forum](#)
- [Payment Methods](#)
- [Scholarship Form](#)

Latest News

(No news has been posted yet)

Online Users

(last 5 minutes)
None

Calendar

◀ September 2013 ▶

Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Scholarships

There are some scholarships available, to apply download the scholarship form and send it to CEDARE

Activities

- [Forums](#)
- [Resources](#)

Search Forums -

[Advanced search](#)

- Course categories** -
- [Electronic Wastes Management](#)
 - [Environmental Management and Assessment](#)
 - [Climate Change](#)
 - [Water Resources Management](#)
 - [Coastal Zone Management](#)
 - [Project Management](#)
- [All courses ...](#)

Administration -

[Enrol me in this course](#)

Topic outline

Introduction to E-waste Management

The objective of this course is to build capacity of practitioners and decision makers to guide and handhold them to plan, design and implement WEEE/ E-waste management including policy, collection, transportation and treatment in a city/geographical area and country.

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[News forum](#)

- | | | |
|----------|---|--------------------------|
| 1 | Lecture 1 :Introduction | <input type="checkbox"/> |
| | Introduction | |
| 2 | Lecture 2:Perspectives of WEEE/E-waste Management | <input type="checkbox"/> |
| | Perspectives of WEEE/E-waste Management | |
| | Lecture 2 Quiz | |
| 3 | Lecture 3:Current Practices of WEEE/E-waste Management | <input type="checkbox"/> |
| | Current Practices of WEEE/E-waste Management | |
| | Lecture 3 Quiz | |
| 4 | Lecture 4:Stages and Technologies for WEEE/E-waste Management | <input type="checkbox"/> |
| | Stages and Technologies for WEEE/E-waste Management | |
| | lecture 4 Quiz | |
| 5 | Lecture 5 :Financing Mechanism of WEEE/E-waste Management | <input type="checkbox"/> |
| | Financing Mechanism of WEEE/E-waste Management | |
| | Lecture 5 Quiz | |

Latest News -

13 Jul, 08:29
 Hossam Allam
 The end of E-waste course - 13 Jul 09 [more...](#)

1 Jun, 06:31
 Hossam Allam
 E-waste MSG 1: Welcome to the Introduction to E-waste Management E-learning Course [more...](#)
[Older topics ...](#)

Calendar -

◀ **September 2013** ▶

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30						

Events Key

Global Course

Upcoming Events -

There are no upcoming events

[Go to calendar...](#)

Online Users -

(last 5 minutes)

Admin User

Introduction to E-waste Management

The objective of this course is to build capacity of practitioners and decision makers to guide and handhold them to plan, design and implement WEEE/ E-waste management including policy, collection, transportation and treatment in a city/geographical area and country.












Duration: 3 weeks

Lectures Browsing Fees: Free

Exams and Certificate Fees: 50 USD

Participant's Effort: 4 hours/week



 [News forum](#)

1	<u>Lecture 1 :Introduction</u>	<input type="checkbox"/>
	 Introduction	
2	<u>Lecture 2:Perspectives of WEEE/E-waste Management</u>	<input type="checkbox"/>
	 Perspectives of WEEE/E-waste Management	
	 Lecture 2 Quiz	
3	<u>Lecture 3:Current Practices of WEEE/E-waste Management</u>	<input type="checkbox"/>
	 Current Practices of WEEE/E-waste Management	
	 Lecture 3 Quiz	
4	<u>Lecture 4:Stages and Technologies for WEEE/E-waste Management</u>	<input type="checkbox"/>
	 Stages and Technologies for WEEE/E-waste Management	
	 lecture 4 Quiz	
5	<u>Lecture 5 :Financing Mechanism of WEEE/E-waste Management</u>	<input type="checkbox"/>
	 Financing Mechanism of WEEE/E-waste Management	
	 Lecture 5 Quiz	
6	<u>Lecture 6 :Case Study</u>	<input type="checkbox"/>
	 Case Study	
	 Lecture 6 Quiz	

How to Setup E-waste collection and recycling center



1

Lecture 1: Important issues for consideration in recycling

-  [Lecture 1: Important issues for consideration in recycling](#)
-  [Lecture 1 Quiz](#)

2

Lecture 2: Collection and refurbishment

-  [Lecture 2: Collection and refurbishment](#)
-  [Lecture 2 Quiz](#)



3

Lecture 3: Dismantling and recovery

-  [Lecture 3: Dismantling and recovery](#)
-  [Lecture 3 Quiz](#)

4

Lecture 4: Facility and intern organisation

-  [Lecture 4: Facility and intern organisation](#)
-  [Lecture 4 Quiz](#)



5

Lecture 5: Human resources and health

-  [Lecture 5: Human resources and health](#)
-  [Lecture 5 Quiz](#)

6

Lecture 6: Commercial, financial and legal aspects

-  [Lecture 6: Commercial, financial and legal aspects](#)
-  [Lecture 6 Quiz](#)

Lecture 2: Perspectives of WEEE/E-waste Management

2.0 Introduction

WEEE/E-waste is a complex mixture of hazardous and non-hazardous waste, which consists of items of economic value. Therefore, it requires specialized segregation, collection, transportation, treatment and disposal. The following sections attempt a conceptual understanding of WEEE/E-waste management based on existing management systems in developed countries. At first the mechanisms of WEEE/E-waste trade, WEEE/E-waste life cycle and material flow have been described followed by a description of components of WEEE/E-waste management. Further, generic status of WEEE/E-waste management in developing countries and stakeholders has been described followed by guidance notes.

2.1 Mechanism of WEEE/ E-waste Trade

Mechanism of WEEE/ E-waste trade can be explained in terms of three elements. These elements are given below.

1. Material Flow
2. Life Cycle
3. Geographical Boundary

“Material Flow” along the “Life Cycle” of electrical and electronic equipment including the phase of obsolescence within a “Geographical Boundary” forms the basis of WEEE/ E-waste generation in cities/countries. The following sections provide a conceptual understanding of WEEE/E-waste management starting from WEEE/E-waste generation followed by its transformation into new material.

EW 102 How to Setup E-waste Collection and Recycling Center

CEDARE eAcademy > EW 102 > Quizzes > Lecture 2 Quiz > Attempt 1

[Info](#) [Results](#) [Preview](#) [Edit](#)

Preview Lecture 2 Quiz

[Start again](#)

1 

Marks: 10

Select the most important issues during the collection stage?

Multiple choices

Choose at least one answer.

- a. Having the biggest number of carrier to load equipment as fast as possible.
- b. Having a discrete vehicle to avoid attracting the attention of competitors.
- c. Organising methodical load of the truck to preserve the equipment intact.
- d. Ensure to receive the appropriate documents that prove that the center is in possession of the equipment and verify them.

2 

Marks: 10

When does the first sorting and registration operation take place ?

(Select the right statements)

Choose at least one answer.

- a. If possible, a first sorting is made during the collection by loading the truck.
- b. The sorting is only possible in the center, where it's possible to compare the collected equipment with the rest of the stock.
- c. A sorting and the methodical registration is necessary directly after the unloading of the truck.
- d. None of the above

3 

Marks: 10

Is the refurbishment an important stage for the recycling center?

(One right statement)

Choose one answer.

- a. Refurbishment is a major source of revenues
- b. Refurbishment is a secondary operation. It can be organised in a second time.
- c. Refurbishment operations cost more than they fund.

4 

Marks: 10

Select the right process of the refurbishment stage. (one true answer)

A.

B.

C.

Participating in the Courses

- <http://eacademy.cedare.int>
- Registration and downloading lectures: Free
- Exams and Certificate of attendance: minimal fees (50 USD)

Thank you
hallam@cedare.int

