

CWIT Survey for Pre-Processors

Contact Information & General Pre-Processing Activities

*1. Are you EERA (European Electronics Recyclers Association) Member?

- Yes
- No

EERA Members disqualification page

*2. Please fill in the survey using the link directly received by EERA Secretariat

- Done already!
- Will do shortly!
- Did not received! > please contact EERA Secretariat or [sycle-surveys \[at\] unu.edu](mailto:sycle-surveys@unu.edu) <

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*3. Contact details of person filling in the survey

Name of the Company:	<input type="text"/>
Website (if any):	<input type="text"/>
Name:	<input type="text"/>
Surname:	<input type="text"/>
Country:	<input type="text"/>
Position within the Company:	<input type="text"/>
E-mail address:	<input type="text"/>
Tel number (incl Country code):	<input type="text"/>

*4. Please select the WEEE stream(s) your Company is treating

- LHHA: Large Household Appliances (white goods, excl. Fridges and Air Conditioners)
- C&F: Cooling & Freezing (Fridges, Freezers, Air Conditioners)
- SHA: Small Household Appliances (kitchen, small domestic, consumer electronics, luminaires, tools, toys, etc.)
- IT: Small IT (desktops, laptops, printers)
- SCREENS: LCD and CRT TV's and Monitors
- LAMPS: Energy saving lamps, excl. Luminaires
- Professional Equipment (dispensers, medical, PROF IT, etc)

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5. Do you treat Small Household Appliances and IT equipment separate from each other?

- Yes
- No
- Not processing those streams

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6. Do you carry out any refurbishment activity? If yes, please select which kind of devices; if not, select NONE.

In case you do carry out refurbishment activities, a specific questionnaire might follow if you agree.

- LHHA: Large domestic goods (White goods excluding cooling and freezing appliances)
- C&F: Fridges and Freezers, Air conditioners
- IT: IT (excluding displays)
- SCREENS: Displays (Flat/CRT) Monitors and TV
- SHA: Small household appliances (tools, toys, consumer electronics etc)
- Specific Professional equipment
- None

Other (please specify)

***7. In which country is your plant residing?**

Please fill in one questionnaire per country where treatment takes place

8. In the following you will be requested to provide specific data on quantities treated. Please use data covering 2012 as reference year. In case you would provide data related to other years please select (or confirm) your reference year:

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9. What is the TOTAL amount of WEEE processed by your Company in the residence country in the reference year (in tonnes)?

Please note that in the following the questionnaire is structured alongside 2 main sections:

- 1) treatment of appliances (f.i. those directly coming from collection points) and indicated in the heading as "Treating WEEE appliances"**
- 2) treatment of parts and pre-shredder material (f.i. material coming from other plants) and indicated as "Treating WEEE parts or pre-shredder materials"**

Please include the total of both WEEE products and (if applicable) WEEE parts/ in pre-shredder in the totals treated (in tonnes)

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10. In order to allow for a proper counting of the flows, are those quantities referring to:

- Your plant (in the case the company has more plants, in same country or multiple countries)
- All the plants of your company in the country (in case the company has more plants in same country)

Other (please specify)

11. How many other plants/shredder locations of your Company are existing in your residence country?

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12. To avoid double counting, this questionnaire excludes amounts processed for WF members (this information becomes available via the WEEE Forum Key Figures).

Please note the list of WEEE Forum Members for your reference (you do NOT need to tick).

- | | | |
|---|--|---|
| <input type="checkbox"/> AMB3E - Portugal | <input type="checkbox"/> ECOTIC - Spain | <input type="checkbox"/> Re.Media - Italy |
| <input type="checkbox"/> Appliances Recycling - Greece | <input type="checkbox"/> EEPA - Lithuania | <input type="checkbox"/> Recicla Canarias - Spain |
| <input type="checkbox"/> ASEKOL - Czech Republic | <input type="checkbox"/> EES Ringlus - Estonia | <input type="checkbox"/> RECUPEL - Belgium |
| <input type="checkbox"/> ASEKOL SK - Slovakia | <input type="checkbox"/> ElektroEko - Poland | <input type="checkbox"/> REPIC - United Kingdom |
| <input type="checkbox"/> EÅF (Elektronikåtervinning i Sverige Ek förening) - Sweden | <input type="checkbox"/> ELEKTROWIN - Czech Republic | <input type="checkbox"/> Retela - Czech Republic |
| <input type="checkbox"/> Eco Tic - Romania | <input type="checkbox"/> El-Kretsen - Sweden | <input type="checkbox"/> RoRec - Romania |
| <input type="checkbox"/> Ecoasimelec - Spain | <input type="checkbox"/> elretur DK - Denmark | <input type="checkbox"/> SENS e-Recycling - Switzerland |
| <input type="checkbox"/> ECODOM - Italy | <input type="checkbox"/> Elretur Norway - Norway | <input type="checkbox"/> SLRS - Switzerland |
| <input type="checkbox"/> ECOLEC - Spain | <input type="checkbox"/> ENVIDOM - Slovakia | <input type="checkbox"/> SWICO - Switzerland |
| <input type="checkbox"/> EcoLogic - France | <input type="checkbox"/> FOTOKIKLOSI S.A. - Greece | <input type="checkbox"/> UFH - Austria |
| <input type="checkbox"/> Ecoped - Italy | <input type="checkbox"/> Lightcycle - Germany | <input type="checkbox"/> Wecycle - The Netherlands |
| <input type="checkbox"/> ecoR'it - Italy | <input type="checkbox"/> Lumicom - United Kingdom | <input type="checkbox"/> WEEE Ireland - Ireland |
| <input type="checkbox"/> Eco-systèmes - France | <input type="checkbox"/> RAEcycle - Italy | <input type="checkbox"/> ZEOS - Slovenia |

13. Do you exclusively report all amounts you treat to one or more WEEE Forum members?

- Yes, I report all quantities EXCLUSIVELY to WEEE Forum members
- No, I treat also quantities for non-WEEE Forum members

Other (please specify)

Treating WEEE appliances (excl. WEEE Forum amounts)

14. Do you treat WEEE in your residence country that are imported from other countries?

- Yes
- No

Other (please specify)

Treating WEEE appliances (excl. WEEE Forum amounts)

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Portugal

ROU:

Romania

SVK: Slovak Republic

SVN: Slovenia

ESP: Spain

SWE: Sweden

CHE: Switzerland

GBR: United Kingdom

OUT: Outside EU

Other (please specify)

Treating WEEE appliances (excl. WEEE Forum amounts)

16. Do you have data on ton treated?

- I have precise data (tonnes)
- I can provide ranges

Treating WEEE appliances (excl. WEEE Forum amounts)

17. How much WEEE appliances (in tonnes) are treated by your company in the reference year in the residence country?

LHHA	<input type="text"/>
C&F	<input type="text"/>
SHA (+IT if not separate)	<input type="text"/>
IT	<input type="text"/>
SCREENS	<input type="text"/>
Lamps	<input type="text"/>
Professional Equipment	<input type="text"/>

Treating WEEE appliances (excl. WEEE Forum amounts)

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18. How much WEEE appliances are treated by your company in the reference year in the residence country?

	LHHA	C&F	SHA (+IT if not separate)	IT	SCREENS	Lamps	Professional Equipment
Total Weight (t)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Treating WEEE appliances (excl. WEEE Forum amounts) - Reporting

19. Please help us to determine complementary non reported amounts of appliances treated (still excluding WEEE Forum amounts)

What's the share of appliances treated you report directly ONLY to the stakeholders listed below?

(Please note that 100% should be on each column)

Each row need to be filled in (you can use 0% if not relevant)

	LHHA	C&F	SHA (+IT if not separate)	IT	SCREENS	Lamps	Professional Equipment
Environmental Agency	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Municipalities	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Non-WEEE Forum Members	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
National Register/Clearinghouse	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Comments, Explanation you like to add (please specify)

Treating WEEE parts and pre-shredder materials (excl. WEEE Forum amounts)

20. Are you treating WEEE derived parts and pre-shredder material?

- Yes
- No

Treating WEEE parts and pre-shredder materials (excl. WEEE Forum

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amounts)

21. From sampling of pre-shredder fractions, do you know the average % of WEEE in the total mix of WEEE derived plus other sources combined generated in your country (or can you provide an estimate)?

Treating WEEE parts and pre-shredder materials (excl. WEEE Forum amounts)

22. Do you have data on tonnes of WEEE derived parts and pre-shredder materials you treated?

- I have precise data (tons)
- I can provide ranges

Treating WEEE parts and pre-shredder materials (excl. WEEE Forum amounts)

23. How much WEEE derived parts and pre-shredder material are processed by your company in the reference year in the residence country?

LHHA	<input type="text"/>
C&F	<input type="text"/>
SHA (+IT if not separate)	<input type="text"/>
IT	<input type="text"/>
SCREENS	<input type="text"/>
Lamps	<input type="text"/>
Professional Equipment	<input type="text"/>

Treating WEEE parts and pre-shredder materials (excl. WEEE Forum amounts)

24. How much WEEE derived parts are processed by your company in the reference year in the residence country?

	LHHA	C&F	SHA (+IT if not separate)	IT	SCREENS	Lamps	Professional Equipment
Total Weight (t)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Treating WEEE parts and pre-shredder materials (excl. WEEE Forum amounts)

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25. Are there any WEEE derived parts and pre-shredder materials declared to a non-WEEE Forum Compliance Scheme or National WEEE register directly?

Yes

No

Other (please specify)

Treating WEEE parts and pre-shredder materials (excl. WEEE Forum amounts) -...

26. Please help us to determine complementary non reported amounts of appliances treated.

What's the share of WEEE parts and pre-shredder material treated you report directly ONLY to the stakeholders listed below?

(Please note that 100% should be on each column)

Each row need to be filled in (you can use 0% if not relevant)

	LHHA	C&F	SHA (+IT if not separate)	IT	SCREENS	Lamps	Prof Equ
Environmental Agency	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Municipalities	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Non-WEEE Forum Members	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
National Register/Clearinghouse	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Other Comments, Explanation you like to add (please specify)

Waste Stream specific questions - Cooling & Freezing

27. Do you treat C&F (Fridges, Freezers, Air Conditioners)?

Yes

No

Waste Stream specific questions - Cooling & Freezing

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28. How much of these are (H)CFC containing (% on a weight basis)? (type NA if you are not processing)

29. What % of fridges and freezers is "without pressure" or lacking its compressor when arriving at the treatment plant (in the reference year)?

Waste Stream specific questions - IT

30. Do you treat IT (excl. SCREENS)?

- Yes
 No

Waste Stream specific questions - IT

31. What % (in units) of PC's is missing valuable components, CPUs, motherboards, memory, etc?

Waste Stream specific questions - Screens

32. Do you treat Screens?

- Yes
 No

Waste Stream specific questions - Screens

33. What is the % (on weight basis) of TV's in the screens category?

34. What is the % (on weight basis) of CRTs for TV's?

35. What is the % (on weight basis) of CRTs for Monitors?

Waste Stream specific questions - Precious Metals

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36. What is the share (% , on weight basis) of the resulting copper/ circuit board/ precious metal fractions are shipped directly to modern smelters/refiners like Boliden, Umicore, Aurubis, Glencore, etc.

Follow up & Outlook

37. Would you be open to further discuss or provide feedbacks regarding the typology of WEEE trading from Europe by our WP5 Consortium Partners (UNICRI, CBRA and INTERPOL)?

Yes

No

Other (please specify)

38. Would you like to receive updates, newsletters or publications from the CWIT project?

Yes

No

Other (please specify)

39. Would you have any further comments or recommendations to make for the purpose of this research project?