

Recent Research on WEEE in Ireland

<u>Colin Fitzpatrick¹</u>, Michael Johnson¹, Maria Lichrou², Katie Casey²

- 1. Dept. of Electronic & Computer Engineering
- 2. Dept. of Marketing & Management, Kemmy Business School

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Presentation overview

- Historic WEEE
- UpWEEE
- ColectWEEE

















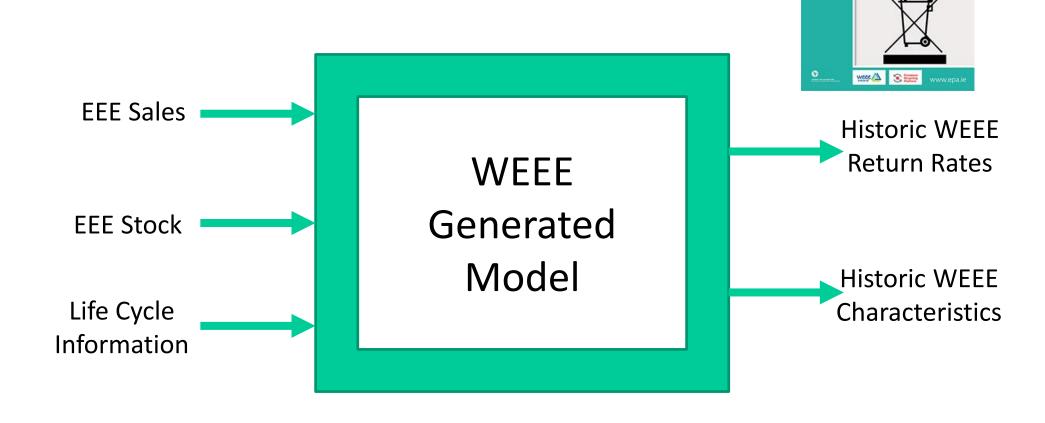


Historic WEEE

- Developed and validated a model to ascertain the current and future levels of historic WEEE which is arising at collection and treatment facilities in Ireland.
- Provides estimations on the rates of generation of Irish historical WEEE from the period 2000 to 2020.
- The model predictions were validated using WEEE Return Stream sampled data for the year 2015 and recommendations made for further sampling processes going forward.



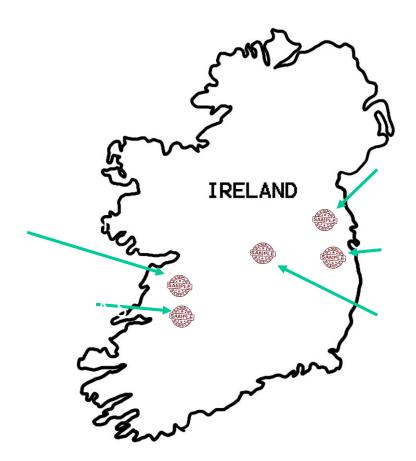




COOResearch

The development of a model to











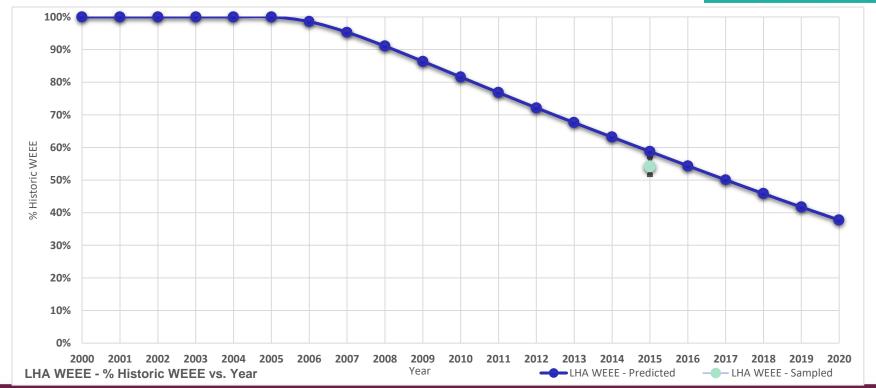






Sample Results: Large Household Appliances

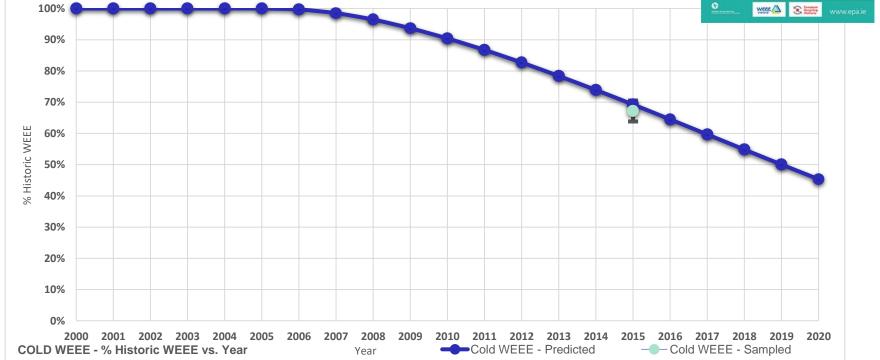






Sample Results: Cold WEEE

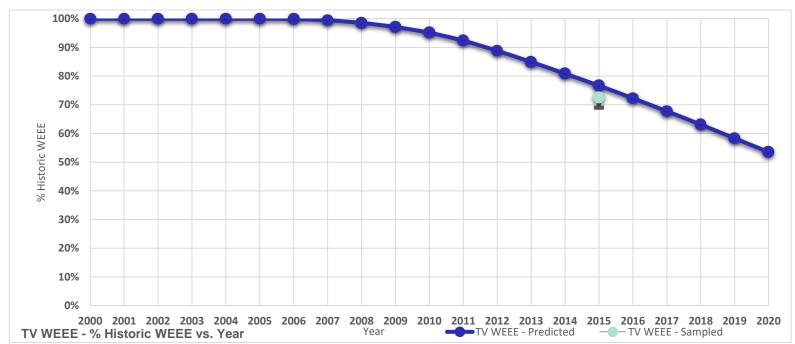






Sample Results: Displays





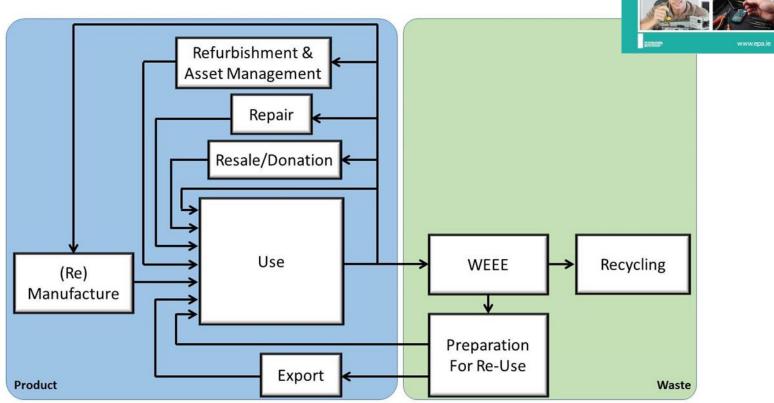


UpWEEE; Research of Upcycling Supports to Increase Re-use





Preparation for Reuse/Reuse



Conste - Water - Sastainability

Research of Upcycling Supports to Increase Re-use, with a Focus on Waste Electrical and Electronic Equipment (UpWEEE)



UpWEEE; Research of Upcycling Supports to Increase Re-use







UpWEEE

- •Align the interests of the Producer Representative Organisations and the approved preparation for re use of WEEE organisations through the introduction of preparation for re-use targets.
- •Remove barriers to accessing suitable equipment through better segregation and enable access by approved preparation for re-use operators
- •Integrate social enterprises in cooperation with the Department of Employment Affairs and Social Protection by supporting the establishment and approval of preparation for re-use organisations





UpWEEE

- •Charity shops should be enabled to become approved collection points for information technology (IT) WEEE suitable for preparation for re-use
- •To maintain the high standards required to become a certified preparation for reuse organisation specifically internationally recognised standards such as PAS 141 or EN 50614



ColectWEEE; A
Community Based Social
Marketing Approach to
Achieving Increased
Participation in WEEE
Reuse and Recycling

Report in Press

Authors: Katherine Casey¹, Maria Lichrou¹, Colin Fitzpatrick²

- Dept of Marketing & Management, Kemmy Business School, UL
- Dept of Electronic & Computer Engineering, UL



ColectWEEE

26 in-depth interviews with 30 participants Duration: 40 minutes to 2 hours

Observations and conversations
Civic amenity site
Farm hazardous waste collection event

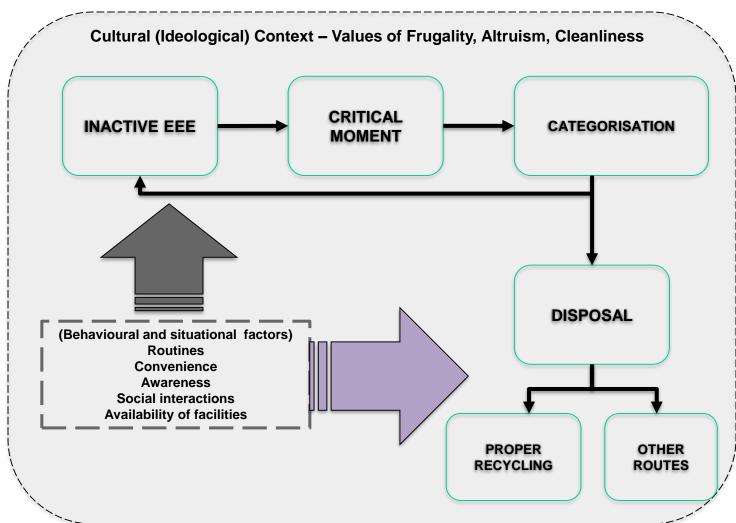
Retailers in Limerick & Cork

Retailer websites



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OLLSCOIL LUIMNIGH





Short Term Recommendations

- Augment the WEEE Recycling Brand
- Enhance Reflexivity
- Routinisation of WEEE Recycling



Medium Term Recommendations

- Speak consumers language
- Increase transparency
- Facilitate Data Storage or Erasure



Thank you