

Learning
Light

engaging. effective. e-learning.



E-learning for the environment A new style of NVQ

Delivered in partnership with The Safety Train

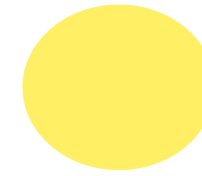
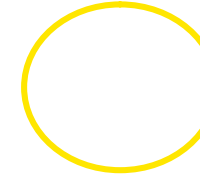
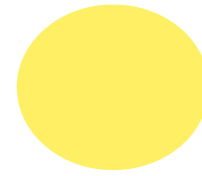
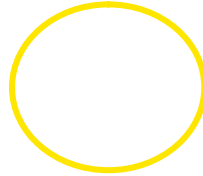
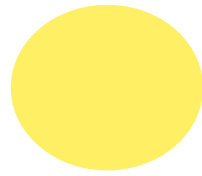


Supported by





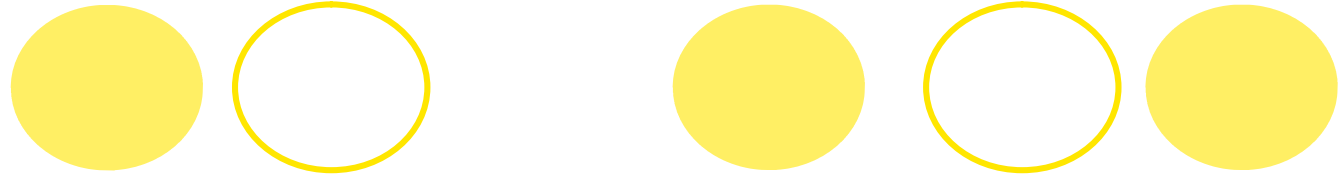
Learning
Light
engaging. effective. e-learning.



The new NVQ in Recycling Operations (WEEE).

- Learners trained in recycling waste electrical and electronic equipment according to the WEEE Directive. (**W**aste **E**lectrical and **E**lectronic **E**quipment)
- Employer led Learning and Skills Development transferable to the workplace, in the growing market sector of Recycling and Waste Management
- NVQ qualifications – Recycling Operations (WEEE) Level 1 and Level 2
- Work based assessment approach
- Incorporating e-learning – introducing a new learner experience
- ***Aligning a regulation to a qualification***





The Regulatory Demand Driver

The WEEE Directive

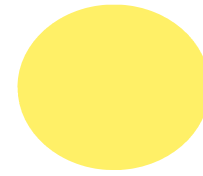
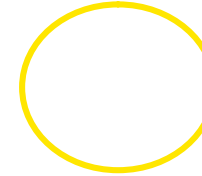
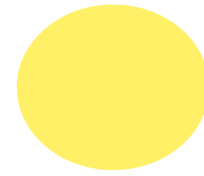
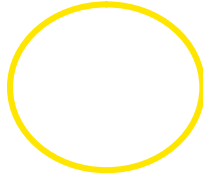
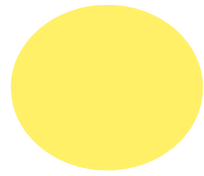
The European **WEEE Directive** - Introduced into UK legislation by the **WEEE Regulations 2006**

The WEEE Directive aims to;

- Reduce **w**aste from **e**lectrical and **e**lectronic **e**quipment (WEEE)
- Encourage the separate collection of equipment
- Encourage treatment, reuse, recovery, recycling and sound disposal of electrical and electronic equipment
- Make producers of electrical and electronic equipment responsible for the environmental impact of their products
- Improve the environmental performance of products during their life cycle



Learning
Light
engaging. effective. e-learning.

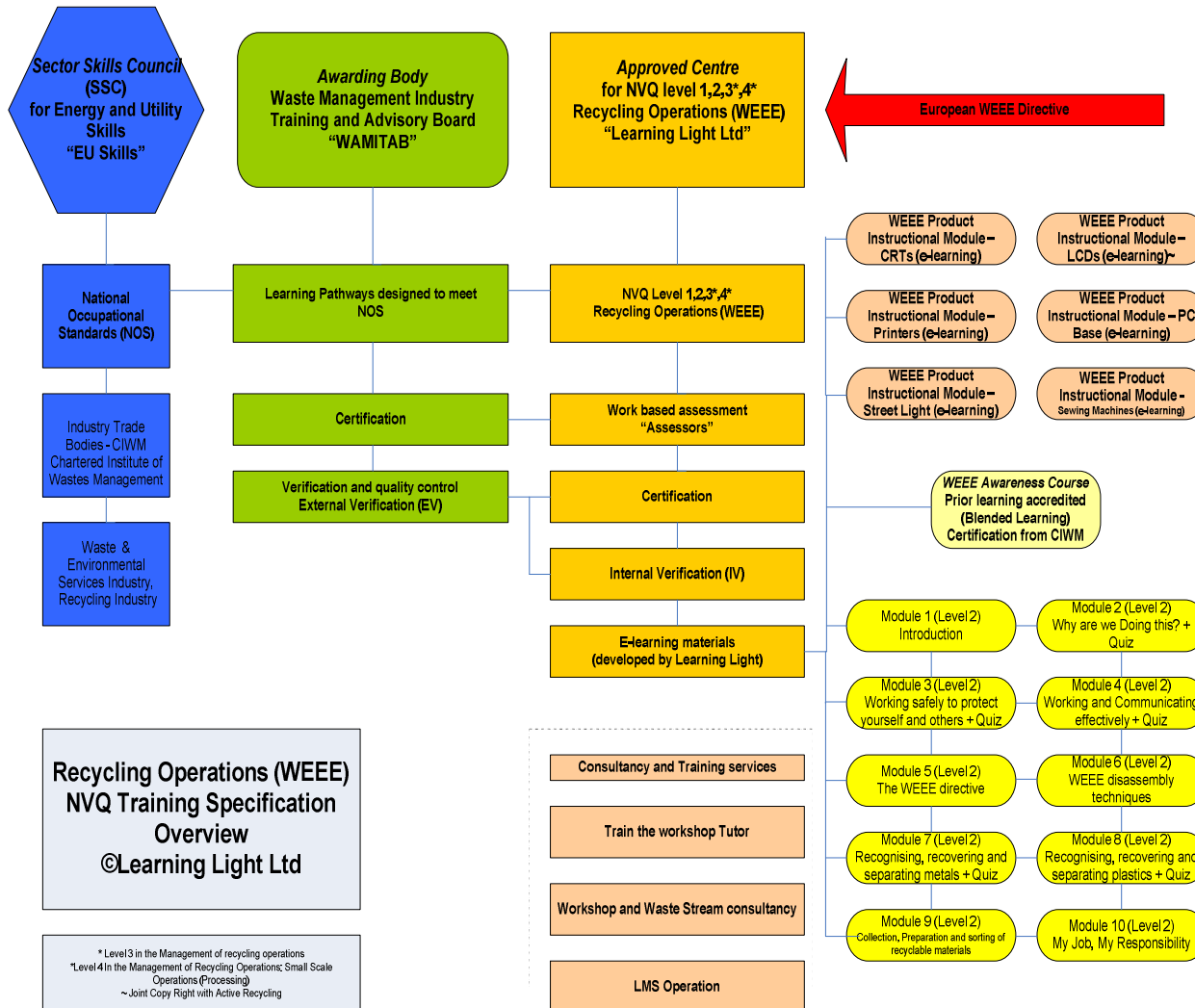


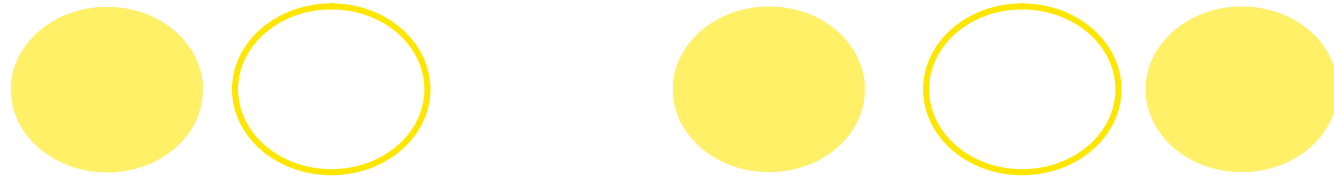
The Qualification

- First of its kind
 - e-learning based
 - Maps an NVQ to a mandatory regulation
 - NVQ level 1 & 2 mapped to the Waste Electrical and Electronic Equipment Directive (The WEEE directive)
 - Delivers practical work based skills to meet a regulatory requirement by using e-learning and hands on work



**Learning
Light**
engaging. effective. e-learning.





Learning to Learn

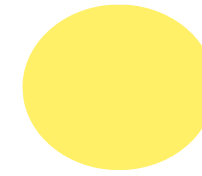
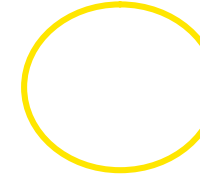
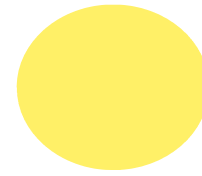
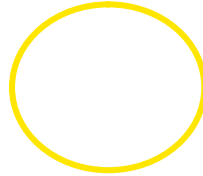
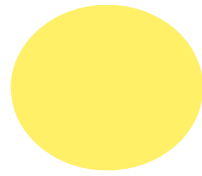
- Fully Accessible E-learning– pictorial, text and audio
- Learners in control - learning at their own pace
- Easily Updated
- Easy and Cost Effective to Deploy
 - CD rom delivery
 - VLE/LMS delivery over the internet
 - PC or Thin client - intranet
 - SCORM compliant – meets all standards

e-learning delivering Knowledge and Understanding.....

- Health and Safety
- Team Working
- Understanding of the WEEE Directive and Environmental issues
- Quizzes to Test Understanding



Learning
Light
engaging. effective. e-learning.



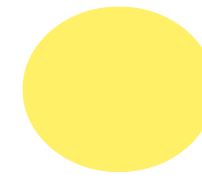
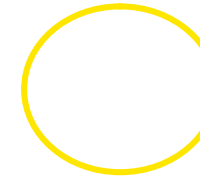
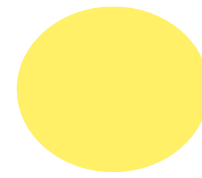
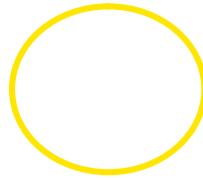
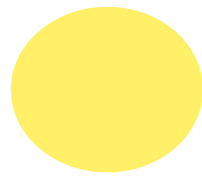
Learning to Work

- Demonstrating Dexterity with Practical Disassembly Techniques
- Understanding and Following Work Instructions
- Recognition Skills – Plastics and Metals
- Understanding the WEEE directive
- Instructional modules:
 - Computer base stations
 - Printers
 - TV's and Monitors
 - Street Lighting





Learning
Light
engaging. effective. e-learning.



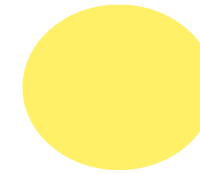
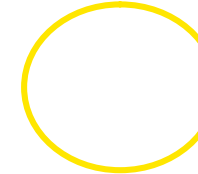
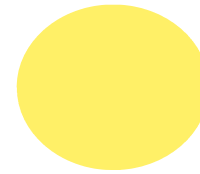
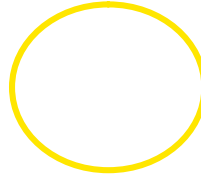
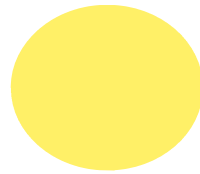
The Endorsement

- Industry Led Learning and Work Based Skills
- Accredited by the Chartered Institution of Wastes Management (CIWM)
- An Industry Qualification from Awarding Body WAMITAB
- Supported by the industries technical steering group – including Veolia, Active Recycling, Reclaimed Appliances etc...
- Encouraged by DeFRA, WRAP, EU-Skills, NOMS and Yorkshire Forward





Learning
Light
engaging. effective. e-learning.



The Facts

- The Recycling Sector is now worth £8bn
..... *an increase of £3bn or 60% since 2001*
- Growth in line with projected annual growth rates means potentially 400,000 additional jobs could be created in the next 8 years
- The main driver has been the landfill directive which means local authorities must now separate WEEE products from other municipal waste
- Although there are 4 or 5 big companies the Sector is dominated by small to medium size business
- Using recycled materials in the manufacturing process uses considerably less energy than that required for producing new products from raw materials – even when comparing all associated costs including transport etc.

References:

1. *Low Carbon and Environmental Good and Services: an industry analysis BERR*
2. *Policy Director at the Environmental Services Association (ESA)*

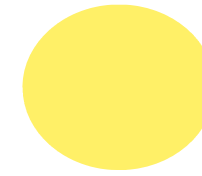
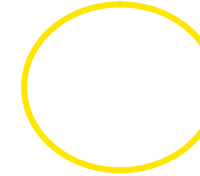
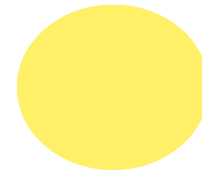
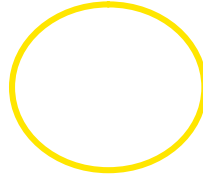
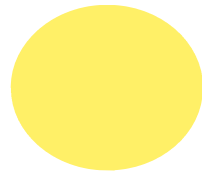


Supported by





Learning
Light
engaging. effective. e-learning.



Future Waste Products? Future Job Opportunity?

The current numbers of Games Consoles in UK homes !!

PS3:	2m
PSP:	2m
PS2:	4.5m
Xbox360	2.3m
DS:	5.8m
Wii:	6.1m
PC:	3.9m

Total 26.6m products

Let's do the maths and see how much work will be created
Based on a 35hr week

Disassemble 3 x PS3 units per hour
= 105 units per week
X 52 weeks
= 5460 per man per year
 $2m \text{ PS3} \div 5460 = 366 \text{ years of work per man}$

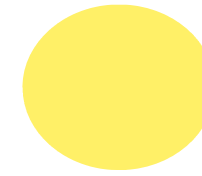
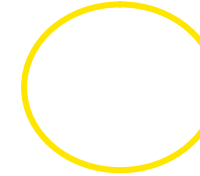
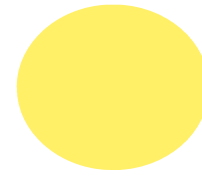
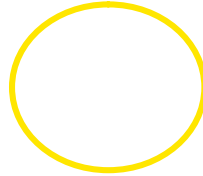
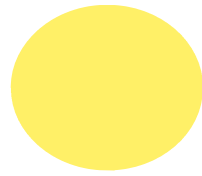
Disassemble all products
 $26.6m \div 5460 = 4871 \text{ man years of work}$

Install base (source Some Research)





Learning
Light
engaging. effective. e-learning.



The Future

- Learning Pathways leading to industry recognised qualifications – Recycling Operations Level 1, Level 2 & **Level 3 & 4** (under-development)
- EU Skills - Recognition of Learning Programme (application in progress)



We Offer.....

- e-learning modules to support the NVQ Recycling Operations (WEEE) Level 1 and Level 2
- Advice for setting up workshops that simulate recycling operations where learners can demonstrate competency
- Work based assessment
- WAMITAB Approved Centre for registering and Assessing Learners for NVQ
- Learner Administration and Reporting

Call us: Gillian Broadhead/David Patterson 0114 223 2443 / 07912 269 362

