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# Innovative 3D training platform for Recycling of Waste Electric and Electronic Devices

### About the project

The production of Electric and Electronic equipment is one of the most developing sectors of the universal industrial production. This development makes these products as one of the most important waste categories that need to be treated properly due the high content of valuable materials and risks related to toxic parts.

The RECDEV project aims to develop ICT-based self- and distance learning training courses familiarizing learners/users with the disassembly of electrical and electronic devices and the identification of types and qualities of materials embodied. It targets both low level workforce (disassembly), aiming at strengthening employability, safety at work and developing skills as well as higher employees (material identification) covering a crucial training gap in the WEEE industry.

### Topics at a glance: International exchange: training of employees in the WEEE sector, Workshop in Austria, 30.06.2015



In adopting the current European law on WEEE through the implementation of the WEEE directive in national law in the last couple of years, the EU member States committed to the correct treatment and reprocessing of WEEE ensuring the equipment is re-used or recycled to maximise social and environmental benefit. This can only be achieved if these processes are performed by specialised staff, who is informed not only about the risks and dangers of harmful substances contained in WEEE but also in the value and exploitation possibilities of the contained materials and the re-use of these items. The RECDEV project team identified that there is still a gap in education and training of personnel in the field of recycling and treatment of WEEE. Via transnational and regional workshops RECDEV project tries to identify what are the concrete requirements on the education and training of employees so that an innovative and modern training tool can be developed which will be useful and beneficial for the regional stakeholders.

At the end of June 2015, BAN Social Enterprises Ltd. organized a Workshop to present the project's outcomes so far and to exchange the ideas of the project with the regional stakeholders of Austria. Participants from Styria,

Vienna, Burgenland and Salzburg had the possibility to present their own WEEE recycling and re-use initiatives and projects and were presented with the latest version of the training software tool developed by the RECDEV project team. The feedback from the stakeholders and outcomes of the discussion and workshop on the software training tool will enable RECDEV team to improve the training software and adapt it to the special regional needs of Austria. In a pilot implementation phase starting this autumn the tool will be tested regarding its usability, effectiveness and users satisfaction to enable us to develop a beneficiary tool that is tailored to the special needs and requirements of our target group.

## RECDEV Project achievements

OMEGATECH, the ITC specialised partner of the consortium is working for consolidating the final version of the RECDEV software. The final version of the software will be delivered with a full handbook for the users and will be piloted in several recycling companies in all participating countries. The partners were involved in intense discussions with the main stakeholders in their countries, in order to promote and identify the right target group for the piloting phase of the project software application. The WEEE recycling companies and associations of EEE producers willing to take part in the piloting phase have been already identified in most of the countries. The persons that will be involved in the project's pilot implementation, test and evaluation procedures are 250 (50 persons /country) employees of recycling companies involved in WEEE. From them 10% will be higher personnel, while 90% will be low skilled disassemblers.

## Upcoming activities & events

- Workshop in Brno hosted by Mendelu University in October 2015
- Piloting the RECDEV platform
- Assessment of market potential of the 3D training in each country.
- More information you can find on the website: [www.recdev.eu](http://www.recdev.eu)

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## Partners



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