



Cross European PV Take-back Services

SIMPLE COST-EFFECTIVE COMPLIANCE 13/04/2015











Your Legal Obligations

Did you know..?

 The EU directive on waste electrical and electronic equipment (WEEE) was first launched in 2003 to regulate the disposal and recycling of electrical and electronic waste at the end of their life cycle.

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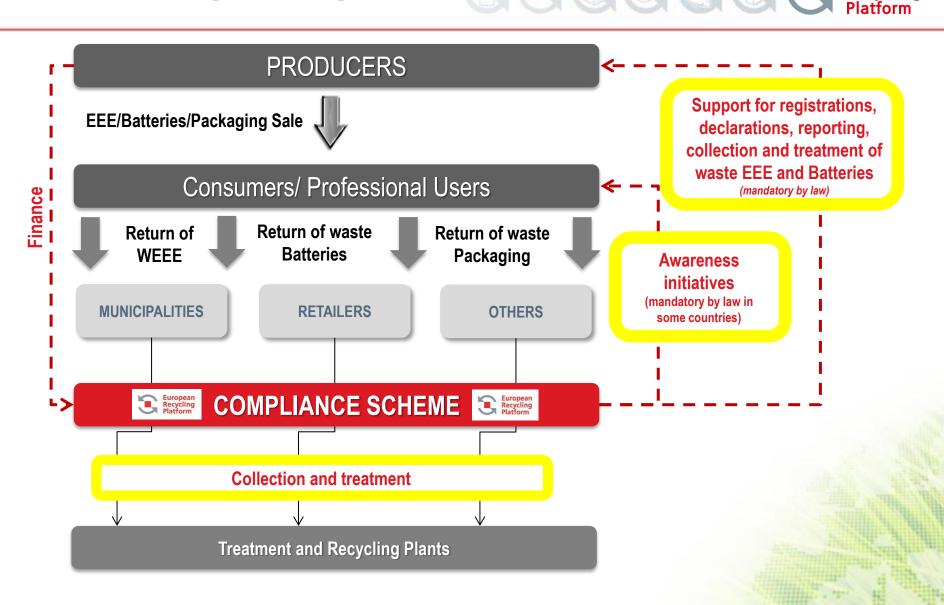
Recycling

- With the amendment of the WEEE directive of August 14th 2012, a legal obligation for PV recycling has been introduced at EU level (WEEE Directive 2012/19/EU).
- With the transposition of the new European WEEE directive into national law, recycling of PV modules for the first time becomes subject to producer's responsibility.

What does that mean for your business?

- As a PV producer (manufacturer, distributor, reseller, importer, internet or distance seller) you are legally obliged to secure disposal and recycling of the PV modules you sell, including the related financing.
- Producer responsibility applies to all components of a PV plant: PV modules, inverters and batteries.

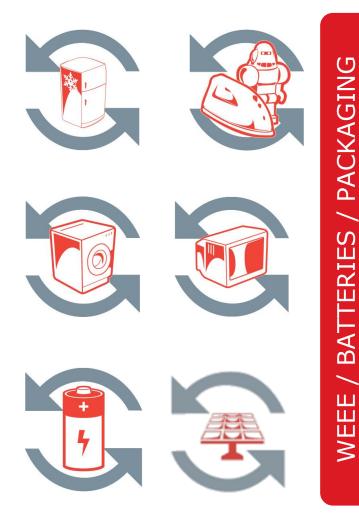
Your Legal Obligations



European

Recyclina

This flow chart is an overview of the recycling process in Europe according to the WEEE directive. Given the different local transpositions of the WEEE directive, the specific local process can be different from the one described above.



Different local regulations and different requirements in each of the EU member states and other European countries (e.g. Norway, Switzerland,...)

European

Recycling Platform



- Different local authorities
- Different local reports' formats
- Different local deadlines
- Different local fees

The WEEE Compliance in Europe



European Recycling Platform





The WEEE Compliance in Europe





Country		WEEE transposed	Entry into force	
Austria	European Recycling Platform	~	01.07.2014	
Belgium		×	WEEE recast transposition partially published	
Bulgaria		~	01.01.2014	
Croatia		 ✓ 	02.05.2014	
Czech Republic		 ✓ 	01.10.2014	
Cyprus		×	-	
Denmark	European Recycling Platform	~	14.02.2014	
Estonia		~	2014	
Finland	European Recycling Platform	~	15.07.2014	
France	European Recycling Platform	~	24.08.2014	
Greece		~	09.05.2014	
Germany	European Recycling Platform	×	01.11.2015 (expected)	
Ireland	European Recycling Platform	 ✓ 	29.03.2014	

The WEEE Compliance in Europe

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Country		WEEE transposed	Entry into force	
Italy	European Recycling Platform	 ✓ 	12.04.2014	
Luxemburg		 	30.07.2014	
Malta		 	2014	
Netherlands	European Recycling Platform	 	14.02.2014	
Norway	European Recycling Platform	×	-	
Poland	European Recycling Platform	×	2015 (expected)	
Portugal	European Recycling Platform	 ✓ 	08.05.2014	
Slovakia	European Recycling Platform	×	01.07.2015 (expected)	
Slowenia		×	-	
Spain	European Recycling Platform	 	21.02.2015	
Sweden	European Recycling Platform	 	15.10.2014	
UK	European Recycling Platform	 ✓ 	01.01.2014	





ERP is a **One Stop Shop service provider** for the collection and treatment of **PV modules**, Waste of Electronic and Electrical Equipment (WEEE), batteries and packaging waste.

Set up in **2002** as the **first pan-European company** in order to secure the cost-effective implementation of the EU WEEE directive for members, consumers, environment and society.



Integrated solutions

✓ Services and know-how for all waste streams.



- ✓ More than **30 Compliance** schemes in **17 countries**.
- ✓ An **integrated service provider** for compliance, consulting, take-back and recycling.

European

Recycling

✓ Take-back of all electrical parts of your PV installation

Local, national, international: We are at your service --

Transfer of the **advantages of multinational recycling processes** to the customers.

Specific solutions for companies **operating across borders**.



Europe-wide solutions

✓ Approved in 14 EU countries plus Norway, Israel and Turkey

European

- European solution: coordinated service and EU compliance
- ✓ Volumes collected: over 2,000,000 tons
 - Members: over 3,000 membership agreements
- ✓ **ERP Team**: 100 employees in Europe

- As the only organization offering pan-European compliance, we deliver the broadest range of services -





While the European WEEE directive determines the general goals, different rules apply in every member state according to the national transposition of the directive.

ERP provides **an integrated country-specific and cross-border service** to help you fulfill all your legal obligations across Europe:

- Producer and product registration with the national authorities (B2B, B2C, dual use)
- Completion of the necessary **reports** to the responsible authorities:
 - Put-on-market volumes (tons)
 - Collected & treated volumes (tons)

Different reports' frequencies and forms, depending on the local regulations

✓ Collection & treatment according to the local regulations



ERP takes care of the end-of-life-management of the PV installation:

- ✓ Proper and environmentally compatible
 - Collection
 - recycling or
 - ✤ disposal

in WEEE audited treatment plants

- Ensuring financing of the whole waste management process
- ✓ Deposit of an insolvency-proof guarantee incl. fiduciary administration
- ✓ Wide-ranging of consultancy services





ERP Advantages



✓ An established compliance Scheme: a set up that is running and safe

- Ease of registration and declarations for producers, thanks to an experienced team and proficient Information Systems
- Controlled operations management : reverse chain, volumes consolidations, transportation, treatment, traceability, etc... meeting all regulations requirements

 A complete offer: the only Compliance Scheme covering all electrical parts of the PV installation

- PV Modules
- Inverters
- Energy storage devices and batteries
- Other components

✓ An attractive price: controlled costs

 ERP can offer an attractively priced solution thanks to an organisation that is already established and offers synergies and opportunities to mutualise with others WEEE activities



ERP ensures compliance with your producer responsibility obligations and manages the end-of-life of your products.

For our members we organize the take-back, recycling and disposal of their PV modules including financial and administrative obligations.



- ERP, the only global and competitive Compliance for your entire PV installation -

Contact

