



This project is funded by the European Union



Twinning Project INTRODUCTION OF A MANAGEMENT SYSTEM OF WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE) IN UKRAINE

Opening Event

22 March 2016, Kiev, Ukraine

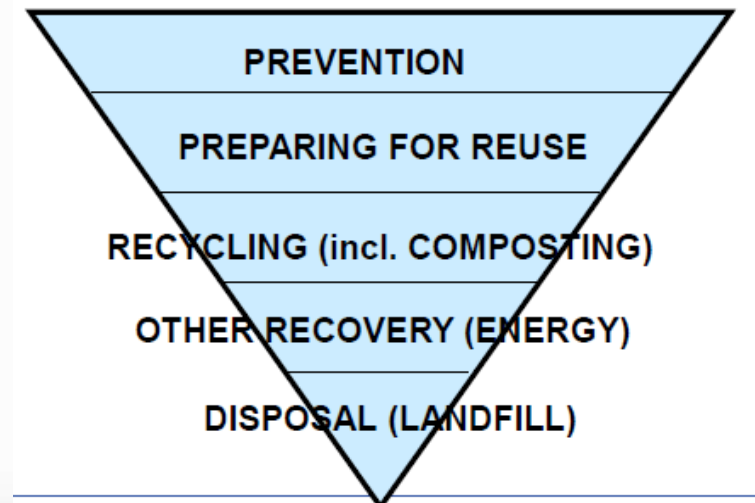
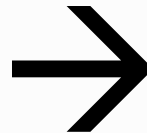
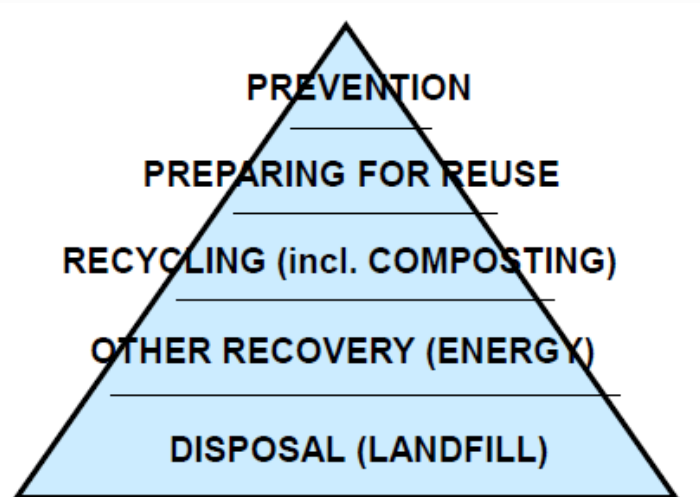




European Waste Policy: case for action & fundamental principles



- Why waste policy matters:
 - Waste can be dangerous (hazardous) for health and environment
 - Waste can be precious secondary raw material → circular economy
- Waste Management Hierarchy





European Waste Policy: core pieces of EU legislation



- Waste treatment
 - Landfills: limited space, emissions, contamination of soil and ground water
 - Incineration: emissions to air and water, bottom ashes
 - other forms of treatment
- safety of treatment and of landfill operation
- Shipment of Waste



European Waste Policy : Waste Streams & Economic Aspects



- WEEE: one of the important waste streams (like end of life vehicles, packaging, mining waste, construction and demolition waste...) – specific administration & management
- Economic Aspects:
 - waste industry in EU:
 - > € 100 billion annual turnover
 - full implementation of existing EU waste legislation could save EUR 72 billion a year by 2020, create over 400 000 jobs



Europe's long term policy vision:



'In 2050, we live well, within the planet's ecological limits.

Our prosperity and healthy environment stem from an innovative, **circular economy** where nothing is wasted and where natural resources are managed sustainably, and **biodiversity** is protected, valued and restored in ways that enhance our society's **resilience**. Our **low-carbon** growth has long been decoupled from resource use, setting the pace for a global safe and sustainable society.'

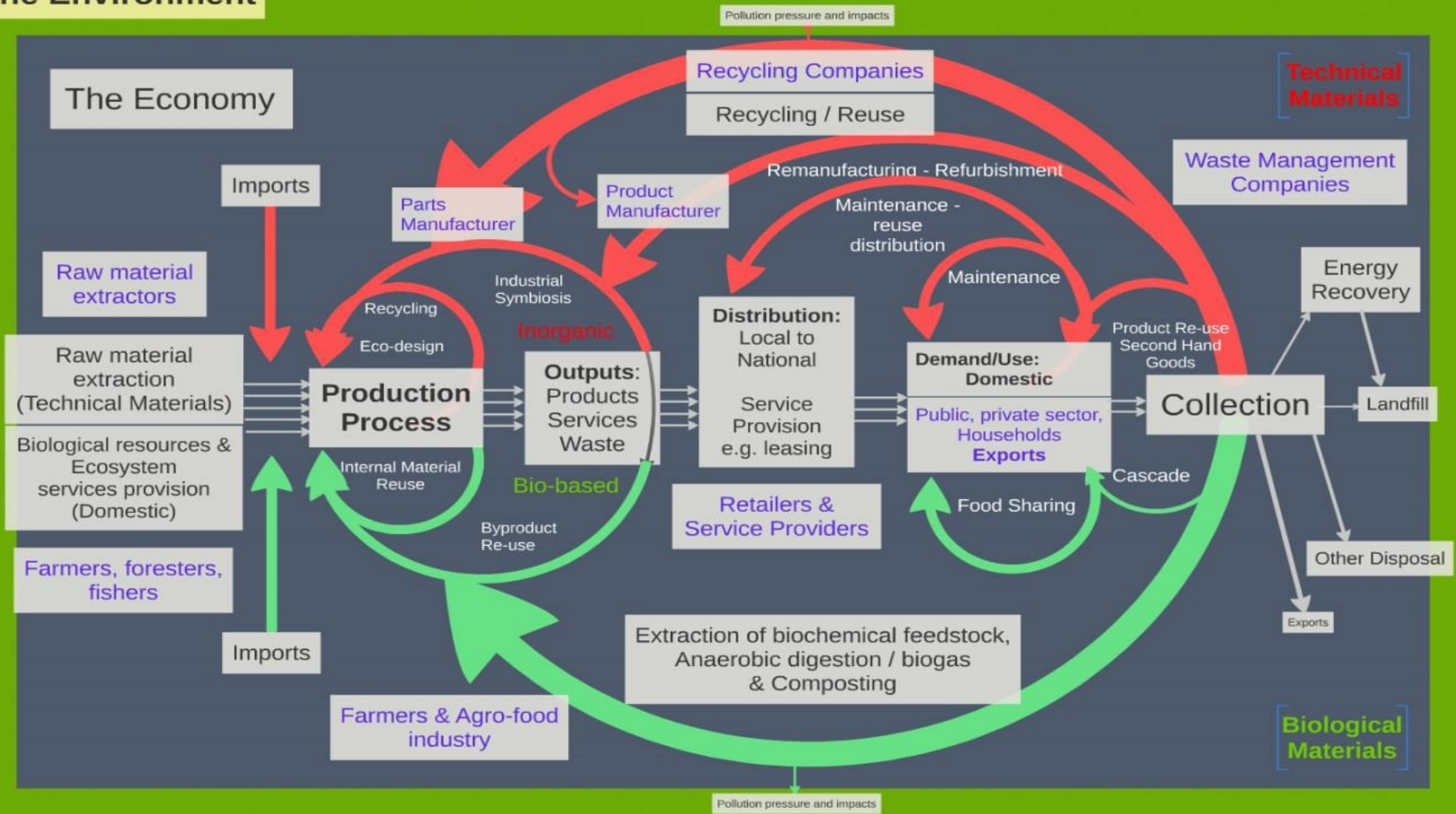
Source: 7th EU Environment Action Programme



... A Circular Economy!



The Environment



Source: IEEP for EC, Circular Economy Scoping Study (2014)



Perspectives for Waste Management...



	Uncontrolled disposal/dumping	Managed landfilling	Collection logistics	Innovative solutions for recycling/recovery	(closed) material cycles in industry	Resource management
Legislation & Environment Policy	++	++	++	+	+	0
Social aspects	++	++	++	+	++	+
Ecology	++	++	++	+	+	0
Economical aspects	0	0	0	+	++	++
Technology	0	+	0	++	++	++



Timeline

Source: Saubermacher – Phasenmodell der Abfallwirtschaft



Twinning Project



- “to bring gradually the Ukrainian waste management system closer to EU standards
→ by introducing effective and sustainable management systems for its household wastes,
→ in particular for WEEE and waste batteries”
- Support implementation of the EU-Ukraine Association Agreement in the waste management area
- Support successful European development of economy and society in Ukraine
- Equal partnership of “twinning” Ukrainian and EU Member State administrations

Twinning Partners



Austria

- ❖ **Environment Agency Austria (Lead)**
- ❖ Elektroaltgeräte Koordinierungsstelle Austria (Austrian coordination body for waste electrical and electronic equipment)
- ❖ Austrian Standards Institute

France

- ❖ Office International de l'Eau (OIEau)
- ❖ Agence de l'Environnement et de la Maîtrise de l'Energie (ADEME)

Spain

- ❖ Regional Government of Valencia (managed through FIIAPP)

+ Public Sector Experts from other EU Member States (Belgium, Bulgaria, Poland, Romania)



Introduction of a Management System of Waste Electrical and Electronic Equipment (WEEE) in Ukraine

Twinning partners Austria – France - Spain

10

Kyiv, 22 March 2016



Component 1 - institutional



- **Result 1:** The main stakeholders act together towards sustainable WEEE and batteries management in Ukraine
 - ✓ Inter-institutional Working Group established as formal co-ordination mechanism
 - ✓ Trainings, workshops, study tours - European modern procedures and management for WEEE and batteries
 - ✓ Development of recommendations and regulations, adapting relevant EU legislation / practice to the needs of Ukraine
 - ✓ Expert support for Ukrainian institutions and EU Delegation for implementing the EU-Ukraine Association Agreement regarding Waste Management and related themes



- **Result 2:** Administrative, technical and economic conditions for WEEE and batteries collection and recycling in Ukraine improved
 - ✓ Clear operational requirements regarding WEEE and batteries incl. labeling
 - ✓ Collection and reprocessing targets for WEEE and batteries defined
 - ✓ Best suitable technical and financing scheme identified
 - ✓ Needs of collection and treatment infrastructure for WEEE and waste batteries in Ukraine determined and related costs estimated
 - ✓ Programme for progressive introduction of the WEEE and waste batteries scheme



Component 3 - educational



- **Result 3:** Awareness-raising among the general public - the population is sensitized to environmentally sound management of WEEE and batteries
 - ✓ Campaigns on waste prevention (re-use), collection and environmentally sound treatment
 - ✓ Website for promotion of sound waste management
 - ✓ Recommendations on educational curricula on waste management
 - ✓ Education materials developed and disseminated



This project is funded by the European Union



Thank you for your attention

Georg Rebernig

Johannes Mayer

Elina Velinova Stoyanova-Lazarova

