

**A FEW SLIDES... WITH THE EU COMMISSION
VISION ...ABOUT THE LEGAL WASTE ISSUE AND
THE POLITICAL WASTE ISSUE**

■ THE LEGAL WASTE ISSUE

Framework Legislation

Waste Framework
Directive
(2008/98/EC)

Waste Shipment
Regulation
(EEC/259/93)

Waste Treatment Operations

Incineration Directive
(2000/76/EC)

Landfill Directive
(1999/71/EC)

recycling standards
(future, based on
WFD)

Waste Streams

Sewage
Sludge
(75/439/EEC)

Batteries &
Accumulators
(2006/66/EC)

Packaging &
Packaging
Waste
(94/62/EC)

Mining Waste
(2003/319/E
C)

End-of-Life
Vehicles
(2000/53/EC)

Electrical &
Electronic
Equipment
(2000/96/EC)

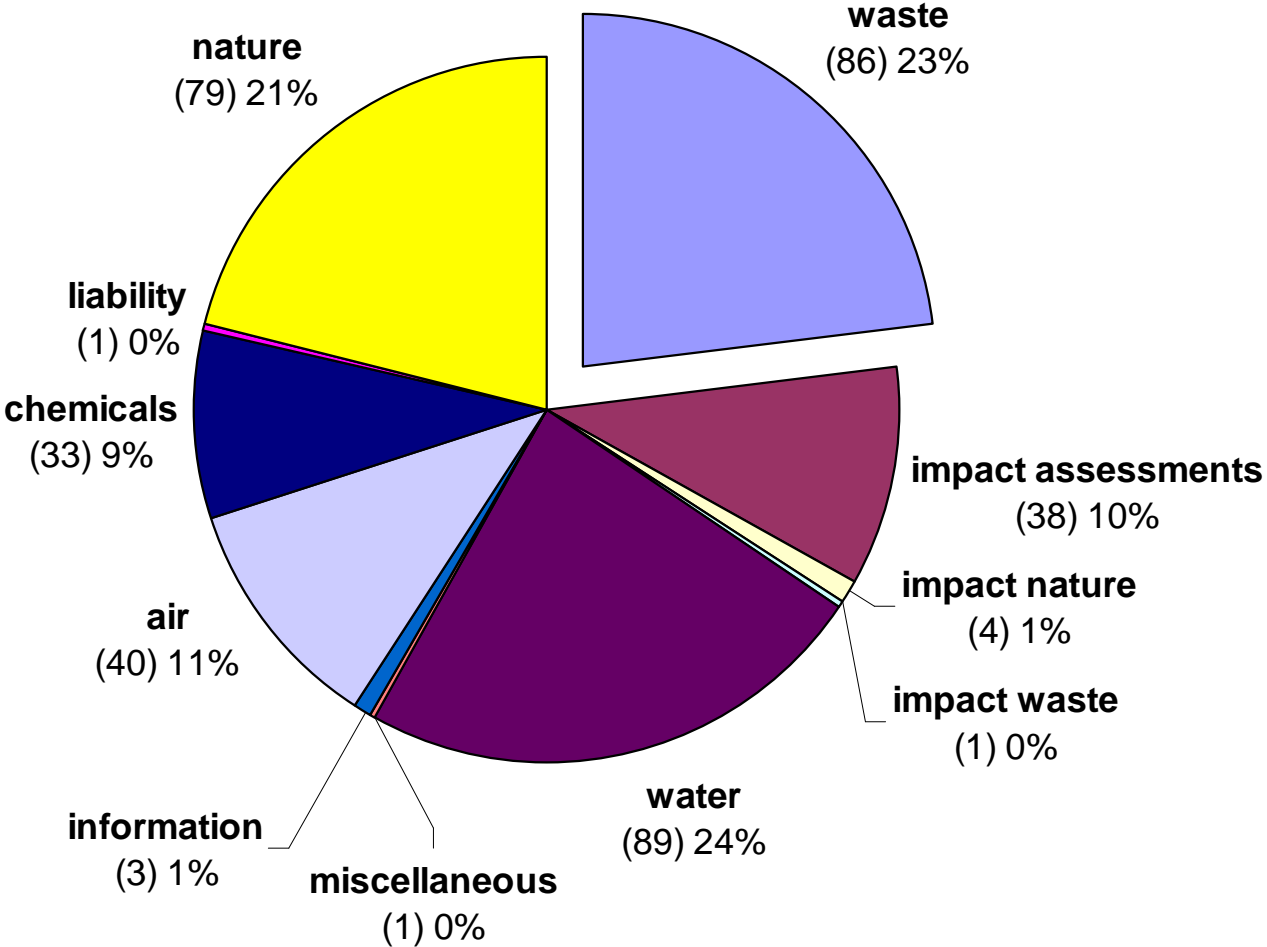
PCBs, PCTs
(96/59/EC)

Restrictions on the
Use of Hazardous
Substances in WEEE
(2002/95/EC)

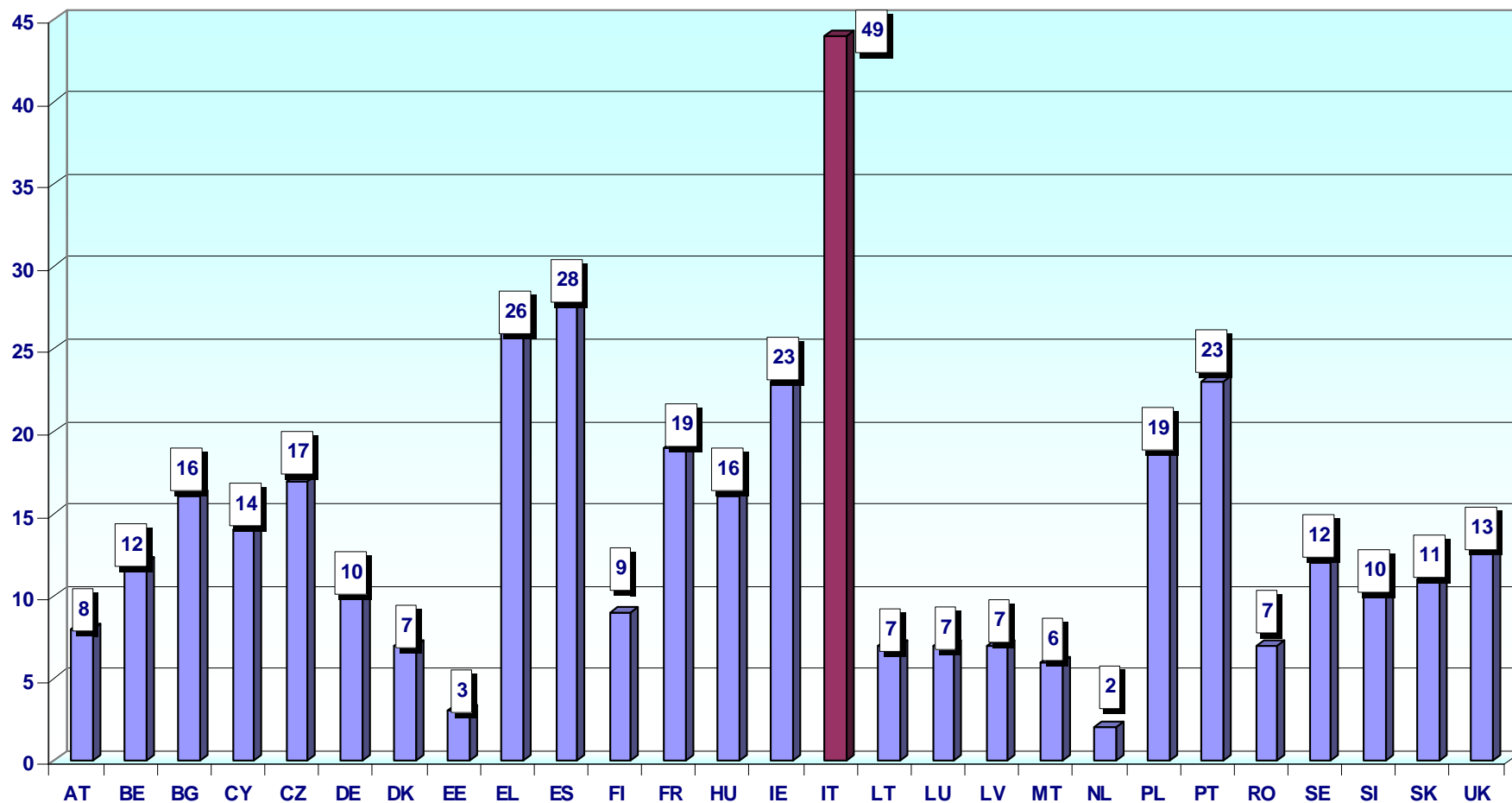
■ Implementation and enforcement of EU waste law remain poor:

- Missing / inadequate infrastructure, heavy reliance on landfilling
- Waste not collected separately
- Illegal shipments of waste
- Thousands illegal landfills
- ELV and packaging waste targets not met
- Still high risk of damage to health and safety
- No societal habits of eco-consumption
- Frequent infringement cases

Environment: infringement cases by sector (June 2011)



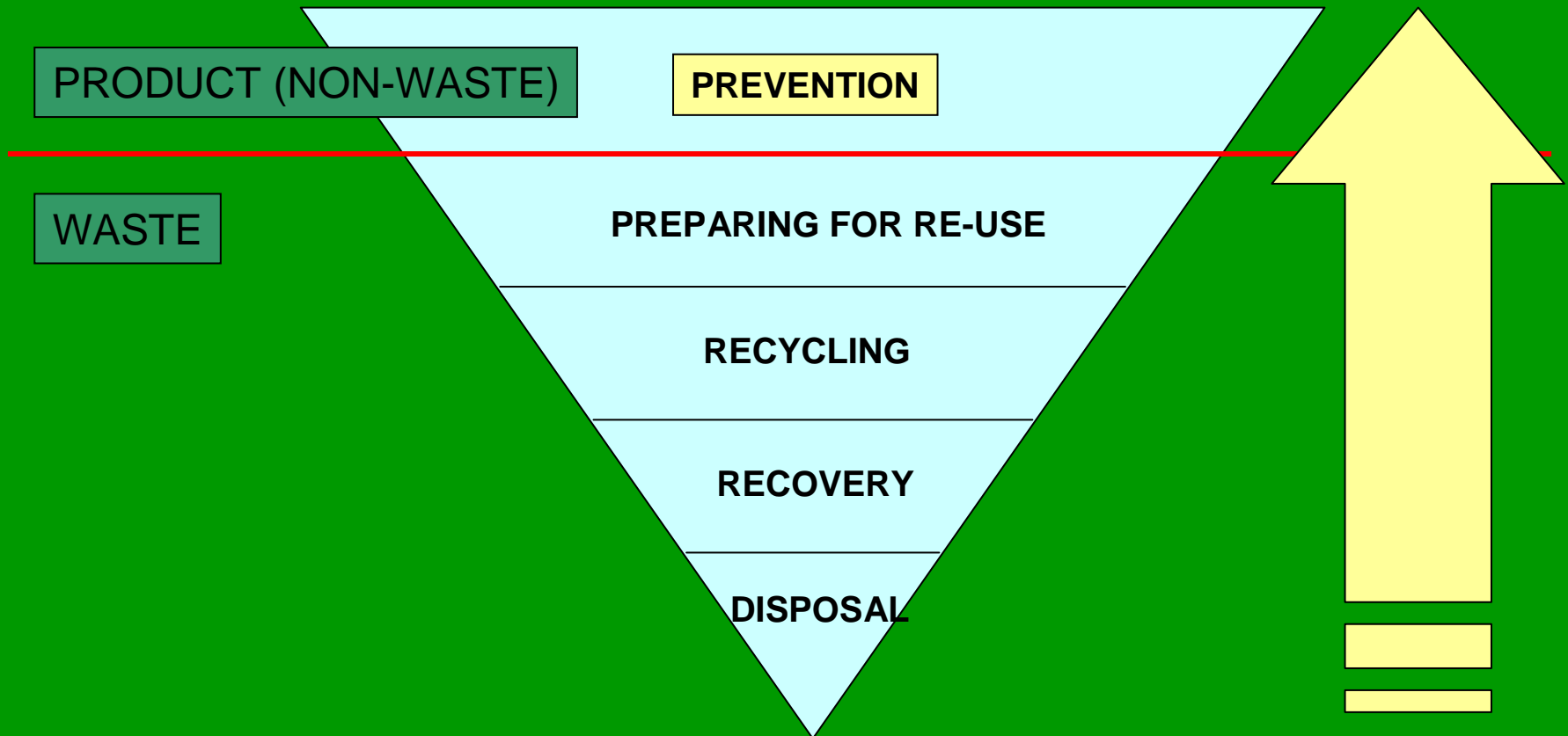
Cases per Member State - June 20, 2011



NEW WASTE FRAMEWORK DIRECTIVE/ Objectives, Simplification, Clarification

- **New environmental objective;**
- **More precise scope;**
- **Incorporation of other legislation:**
 - Hazardous Waste (all existing requirements + new provisions)
 - Waste Oils (no absolute priority for regeneration, requirement for separate collection)
- **Clarification & streamlining of definitions (recycling, recovery, waste: end-of-waste and by-products)**

Moving up the waste hierarchy



Waste management hierarchy

PRODUCT (NON-WASTE)

PREVENTION

Order of priorities

WASTE

PREPARING FOR RE-USE

Best environmental outcome

RECYCLING

Moving waste management up the hierarchy

RECOVERY

Life-cycle thinking

SAFE DISPOSAL

Turning waste prevention into reality

- **Member States to establish waste prevention programmes by 2013**
 - set out prevention objectives,
 - determine qualitative and quantitative benchmarks or targets for waste prevention,
 - describe prevention measures, such as
 - Economic instruments for sustainable resource use
 - Promotion of eco-design for products
 - Campaigns to change consumer behaviour
 - Supporting the reduction of industrial waste (EMAS, ISO 14001)
 - Green public procurement



Waste prevention – further steps from EC

- Development of waste prevention indicators
- Establishment of a system for sharing information on best practice regarding waste prevention
- Development of prevention guidelines for Member States
- **2011: Commission report on the evolution of waste generation and waste prevention**
- **2014: Commission to propose waste prevention and decoupling objectives by 2020, if appropriate**

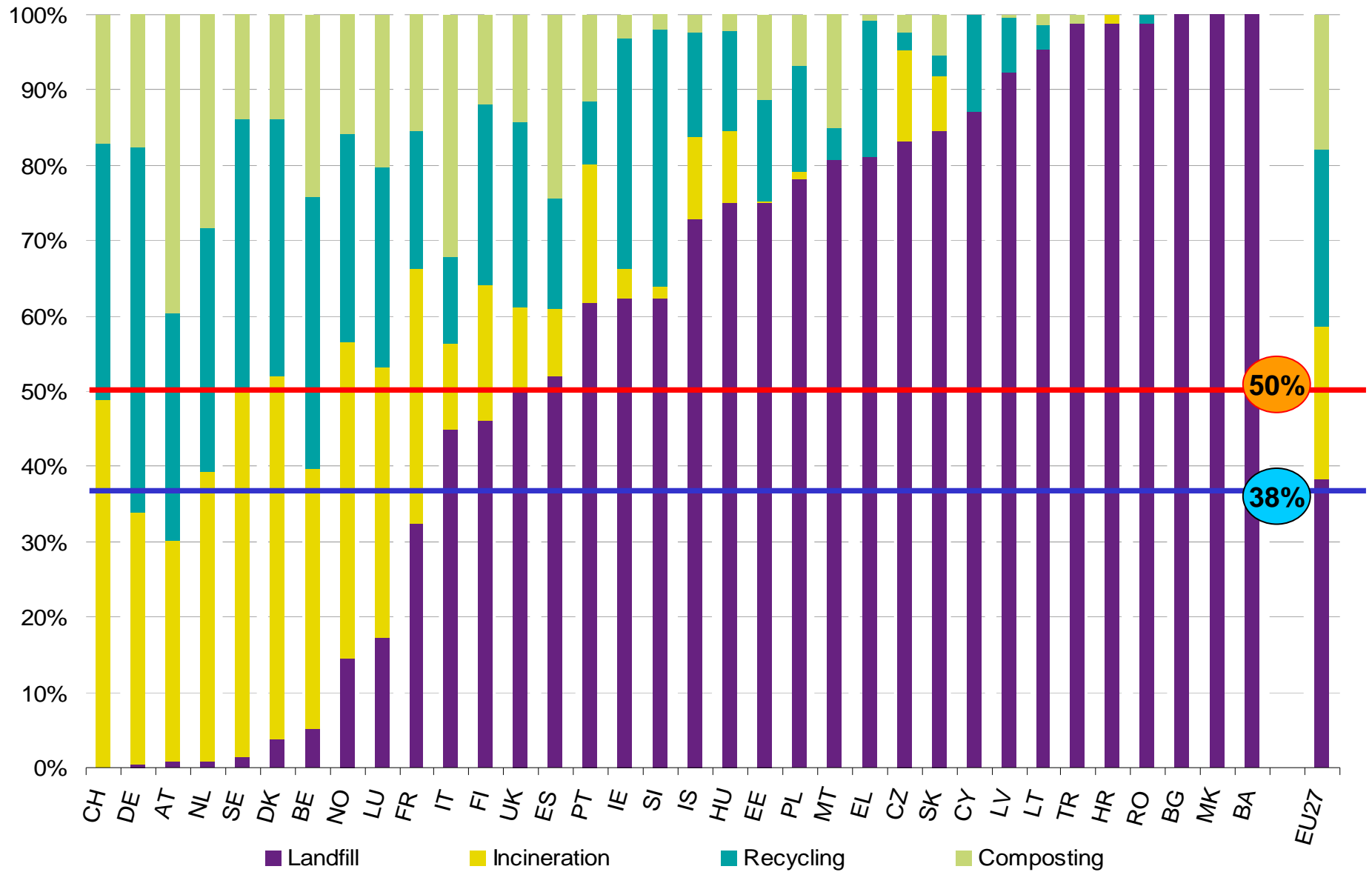


Moving up the waste hierarchy

Recycling

- **WFD targets to be achieved by 2020**
 - preparation for re-use, recycling of municipal waste, at least paper, metal, plastic, glass from households, to a minimum of overall **50%**
 - preparation for re-use, recycling and backfilling of **70%** construction & demolition waste
- **Commission is preparing a decision on the calculation of the targets**
- **Challenge for European Member States?**

Municipal waste treated in 2009 by country and treatment category, sorted by percentage of landfilling (% of municipal waste treated)



Moving up the waste hierarchy

Separate collection of waste

■ Waste Framework Directive

- separate collection at least of paper, metal, plastic, glass by 2015
- separate collection of bio-waste (composting and digestion)
- separate collection of waste oils
- ban on mixing of hazardous waste

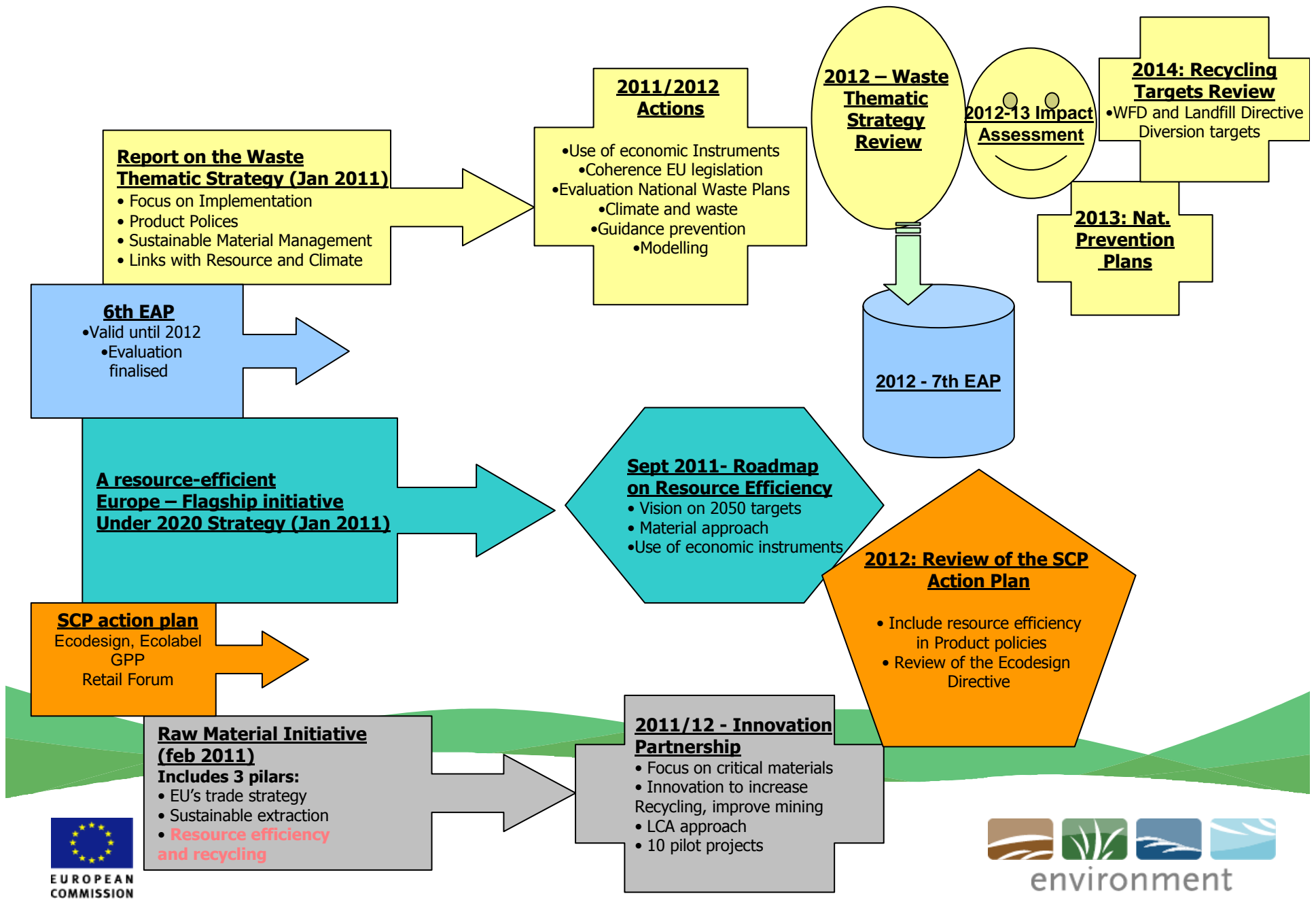


Moving up the waste hierarchy

Promoting waste-to-energy

- **Energy efficiency thresholds for Municipal Waste Incinerators**
 - 0.60 for installations in operation before 2009
 - 0.65 for new installations
- **Incentive to improve energy-use from waste incineration**
 - Challenge for
 - Incinerators in southern EU countries
 - Incinerators selling only electricity
- **Commissions is finalising guidelines**
- **Mandate to introduce a climate correction factor**

■ THE POLITICAL WASTE AND RESSOURCES ISSUE



Resource-efficiency Roadmap

- Adopted on 20 September 2011
- Time Horizon
 - Vision 2050
 - Objectives 2020
 - Short term objectives
- **Overall objective:** making Europe Resource efficient

Waste as Resource

- 2020 aspirational objectives
 - Full implementation of the EU waste acquis -Eradicate illegal shipment of waste
 - Waste generation per capita in decline
 - Recycling and reuse are economically attractive
 - Energy recovery limited to non-recyclable materials
 - Landfilling virtually eliminated

Waste as Resource – In practice

■ Waste management

- New target for waste prevention to be considered by 2020
- Review of existing reuse and recycling targets to be raised to their maximum feasible level by 2014
- Review of the landfill diversion target by 2014

■ Other supportive measures

- EU public funding aligned with waste hierarchy
- Improve coherence of the EU legislation
- Product policy (boost material efficiency in ecodesign – reusability, recyclability, recycled content, durability)
- Measures to extent the producer responsibility (through guidance on take back and recycling schemes)

EU 2020 and Waste Management

More prevention, reuse and recycling means:

- Job Creation skilled or not – potential for 0.5 to 0.7 Millions jobs
- Access to Raw material – from few percent to significant contribution
- Increase competitiveness of EU Industry - excellence of the EU recycling industry
- Increase Resource Efficiency – contribution to resource productivity
- Reduce GHG Emissions – between 19 to 31% of the 2020 target
- Boost innovation – critical/impacting raw materials

In summary a perfect contribution to the EU 2020 strategy!

- Smart, sustainable and inclusive growth
- In line with:
 - **EU 2020 Targets on employment, innovation and climate change/energy, indirectly to the 2 others (education and poverty/social exclusion)**
 - **And several Flagships – Resource efficiency, Industrial Policy, Innovation, new skills and jobs**

ONLY ONE EARTH

Thank you for your attention



For more information:

Resource Efficiency: http://ec.europa.eu/resource-efficient-europe/index_en.htm

Waste Management: <http://ec.europa.eu/environment/waste/index.htm>