

2. Projects implementing tools (e.g. planning, decentralised systems, risk-based approaches) to ensure the efficient **provision of water services** that are compliant with the Drinking Water Directive and the Urban Waste Water Directive **in areas of low population density**.
3. Projects aiming at more efficient and effective, innovative solutions and/or treatment options regarding **recycled/reclaimed water**, developing and demonstrating:
  - Innovative concepts for (alternative) water supply, wastewater treatment, reuse and recovery of resources;
  - Source control methods and cost-effective on-site technologies for discharges of emerging pollutants and pathogens into the wastewater treatment system;
  - Water treatment innovation hubs, in regions that currently lack of appropriate sewer systems and treatment and sanitation facilities, applying smart technologies and decentralized systems with a focus on alternative water sources.
  - Systematic approaches to avoid loss of water, energy and resources in industrial production and water and wastewater infrastructure.

### **LIFE Regulation Annex III**

*(b) Thematic priorities for Waste: activities for the implementation of the specific objectives for waste set out in the Roadmap for a Resource-Efficient Europe and the 7th Environment Action Programme, in particular:*

- (i) integrated approaches for the implementation of waste plans and programmes;*
- (ii) activities for the implementation and development of Union waste legislation, with particular emphasis on the first steps of the Union waste hierarchy (prevention, re-use and recycling);*
- (iii) activities for resource efficiency and lifecycle impact of products, consumption patterns and dematerialisation of the economy.*

With respect to waste, the Roadmap for a Resource-Efficient Europe and the 7th EAP aim at reaching the following overall goals by 2020:

- to reduce waste generated;
- to maximise recycling and re-use;
- to limit incineration to non-recyclable materials; and
- to limit landfilling to non-recyclable and non-recoverable waste.

Priority will be therefore given to the following projects:

#### **Implementation of waste legislation - Annex III, section A points (b)(i)-(ii)**

1. Projects using innovative methods, technologies, and actions primarily at the waste source for waste prevention, reuse, and separate collection of **municipal waste**.
2. Projects using innovative methods, technologies, and actions primarily at the waste source for the prevention, preparation for reuse /reuse, recycling and separate collection of the following waste streams:

- **waste electric and electronic equipment (WEEE), batteries and accumulators, end of life vehicles (ELV's), packaging, construction, demolition, and medical waste;**
  - **bio-waste, including food waste** throughout the food chain.
3. **Integrated plastic management projects** that are set up to lead to increased recyclability, sorting and high quality recycling, eco-design, management of non-packaging plastics, prevention of single-use plastic items, or reduction and remediation of littering;
  4. Projects that are set up to improve **household-hazardous waste management**.

**Waste and Resource efficiency – Annex III, section A point (b)(iii)**

1. Projects implementing the use of **economic instruments** at local, regional or national level in support of waste management and resource efficiency policies.

**LIFE Regulation Annex III**

- (c) **Thematic priorities for Resource Efficiency, including soil and forests, and green and circular economy:** activities for the implementation of the Roadmap for a Resource-Efficient Europe and of the 7th Environment Action Programme that are not covered by other thematic priorities referred to in this Annex, in particular:
- (i) activities for industrial symbiosis and knowledge transfer, and development of new models for the shift towards a circular and green economy;
  - (ii) activities for the Soil Thematic Strategy (Commission Communication of 22 September 2006 entitled "Thematic Strategy for Soil Protection") with special emphasis on mitigation and compensation of soil sealing, and improved land use;
  - (iii) activities for forest monitoring and information systems, and to prevent forest fires.

Projects under the thematic priorities for Resource Efficiency, including soil and forests, and green and circular economy will focus on the implementation of the Roadmap to a Resource Efficient Europe, the Thematic Strategy for Soil Protection and the new EU Forest Strategy. With respect to industrial symbiosis, knowledge transfer and the shift towards a circular and green economy, particular attention should be given to resource efficient, environmentally sound performance of businesses, including the value chains, and on the harmonisation of the methodology for measuring their ecological footprint. With regard to soil protection, there is a need to improve soil management and, in particular, to limit and mitigate soil sealing. Forest monitoring and information systems and forest fire prevention have advanced well over the past years, but there is a need to implement the new EU Forest Strategy and to further enhance the European Forest Fire Information System (EFFIS)<sup>5</sup>.

Priority will be therefore given to the following projects:

**Resource Efficiency, green and circular economy - Annex III, section A, point (c)(i)**

1. Projects implementing the circular economy concept through actions spanning the value chain or ensuring the use of secondary resources / scrap materials / wastes in other

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<sup>5</sup> Established by the Joint Research Centre (JRC) and the Directorate General for Environment (DG ENV).