

## THE CONTEXT

In EU in 2012:

**11 thousand** hospitals  
**68 thousand** institutions  
**3 million** beds for acute illnesses  
**55 thousand** veterinary centres

Each medical institution, whether dedicated to people or animals is a producer of waste, quantitatively significant and it has a certain complexity.

## THE PROBLEM

- Lack of standard procedures for the management of discarded medical equipment from medical institutions.
- Scarce prevention of waste production and scarce reuse of discarded equipment (often still working).
- Lack of preventive and specific characterisation and assessment as waste of discarded equipment before the disposal.

## THE SOLUTION

Supported by:



LIFE13 ENV/IT/000620

# Life MED

*Medical Equipment Discarded*

Presented in **Life+ 2013** call, the project has the aim to study and realise a new integrated management system for discarded medical equipment, in particular biomedical devices.

The project started in July 2014 and it will end in June 2017, for a period of 36 months, in Italy and Romania.

**OBJECTIVE:** To minimise the waste production from medical equipment disposal, maximising their re-use and regeneration.

## ACTIONS

- Implementation of a new integrated management system for discarded medical equipment, in particular biomedical devices, starting with a screening of medical institutions and veterinary clinics and an analysis of the state of art of disused medical equipment in Italy and Romania.
- Recovery of medical equipment in Italy and Romania, at partners' laboratories, to be donated and reused.
- Organisation of a national working table of consultation for the definition of guidelines in the field of management of discarded medical equipment, with the identification of opportunities and critical aspects of the current legislation. Solutions for a correct and more efficient application of laws will be proposed.
- Promotion and diffusion of the results achieved during the project, through demonstrative days in Romania and Italy, off-line and on-line communication materials.

## EXPECTED RESULTS

- n.350** contacts with medical institutions
- n.300** electro-medical equipment revised
- n.250 tons** of waste managed coming from medical institutions
- n.100 tons** of waste not produced
- n.80** institutions identified for benefiting from the donation of medical equipment
- n.120** healthcare facilities donated
- n.100** spare parts disassembled



[www.life-med-equipment.eu](http://www.life-med-equipment.eu)

<http://www.cauto.it>

<http://www.memua.it>

<http://www.unibs.it/aree-disciplinari/ingegneria>

<http://lombardia.legambiente.it>

<http://atelierafarafrofrontiere.ro>