

THE NUCLEAR INDUSTRY IS ONE OF THE FEW SECTORS TO TAKE FULL RESPONSIBILITY FOR ITS WASTE

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SOURCES OF RADIOACTIVE WASTE



Nuclear Power Plants



Industry



Hospitals

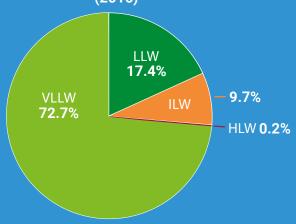


Research centres



Universities etc.....

DISTRIBUTION OF RADIOACTIVE WASTE PER CATEGORY, BY VOLUME (2016)





TYPES OF RADIOACTIVE WASTE



Very low level waste *Eg concrete*



Low level waste *Eq scrap metal*



Intermediate level waste *Eg nuclear reactor components*



High level waste Eg by-product of fuel reprocessing

THE TREATMENT AND REUSE OF SPENT FUEL CURRENTLY



Saves up to around 25% of natural uranium resources

Cuts final waste volumes by a factor of 5

Reduces long-term radiotoxicity by a factor of 10

2019, Second Report from the Commission to the Council and the European Parliament on progress of implementation of Council Directive 2011/70/EURATOM and an inventory of radioactive waste and spent fuel present in the Community's territory and the future prospects