

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

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Source: EDF, Sizewell C fuel pond - UK

### SOURCES OF RADIOACTIVE WASTE



Nuclear Power Plants



Industry



Hospitals



Research centres



Universities etc.....

### TYPES OF RADIOACTIVE WASTE



**Very** low level waste  
*Eg concrete*



**Low** level waste  
*Eg scrap metal*

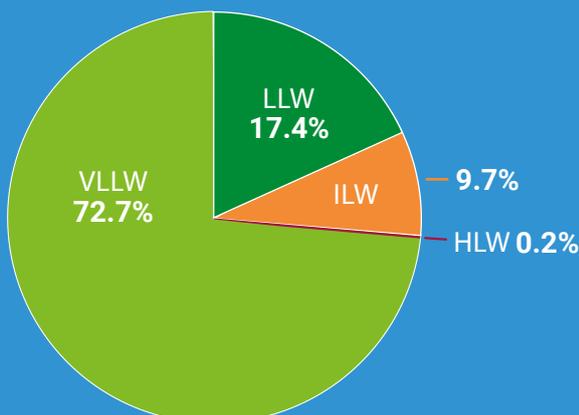


**Intermediate** level waste  
*Eg nuclear reactor components*



**High** level waste  
*Eg by-product of fuel reprocessing*

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



### 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