HOW WE REUSE OUR OWN WASTE

96% of the fuel content can be reused
Uranium and plutonium are separated from spent fuel to create new fuel
Some plants reuse the uranium twice (thus generating less fissionable waste)
Metal waste is reused for the packaging of Medium Level Waste
Depleted uranium is reused for radiation shielding

IN FRANCE, UP TO 10% OF THE ELECTRICITY PRODUCED WITH NUCLEAR ENERGY COMES FROM RECYCLED NUCLEAR MATERIALS.

THE TREATMENT AND REUSE OF USED NUCLEAR 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!

INNOVATION

Closing of the cycle

In the future it will be possible to reuse the spent fuel multiple times thanks to existing technologies (eg “GEN IV” reactors) which are being actively developed.