

# **IMPROVED REACTOR DESIGNS**

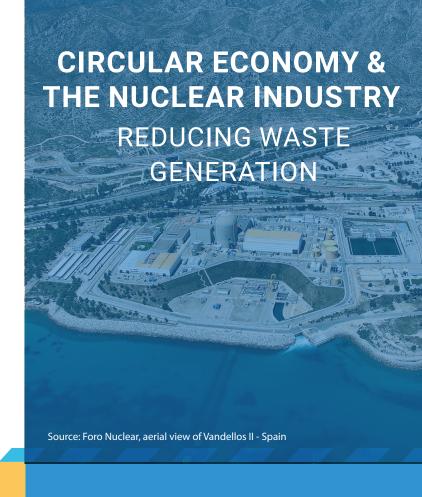


Take into account end-of-life making it easier to sort & categorize the waste



Which means that much more can be recycled

December 2020



## **IMPROVED REACTOR OPERATION**







Thanks to improvements in the operation of existing reactors in France the volume of waste generated has been divided by three compared to 1985

### **IMPLEMENTATION OF CLEARANCE**

Measures the radioactivity or contamination of the waste

Enables clearance of materials which are not contaminated

AND THESE CAN THEN GO FOR RECYCLING

### **DID YOU KNOW?**

NUCLEAR POWER PLANTS NEED VERY LITTLE
URANIUM TO GENERATE A LOT OF ENERGY AND
SO THERE IS LITTLE WASTE. IF A HUMAN BEING
SPENT THEIR WHOLE LIFE ALONE THEY WOULD
PRODUCE THE EQUIVALENT OF JUST 6 SUGAR
CUBES OF NUCLEAR WASTE

#### **INNOVATION**

Innovation is ongoing into solutions which can reduce the radioactive life of the waste



Enabling it to be recycled sooner