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## Nuclear Regulatory Authority Argentina



Autoridad Regulatoria Nuclear Presidencia de la Nación Argentina International Atomic Energy Agency Scientific Forum RADIOACTIVE WASTE: MEETING THE CHALLENGE

> Science and Technology for Safe and Sustainable Solutions

23–24 September 2014, Vienna, Austria

Every industry produces waste

In nuclear activities:

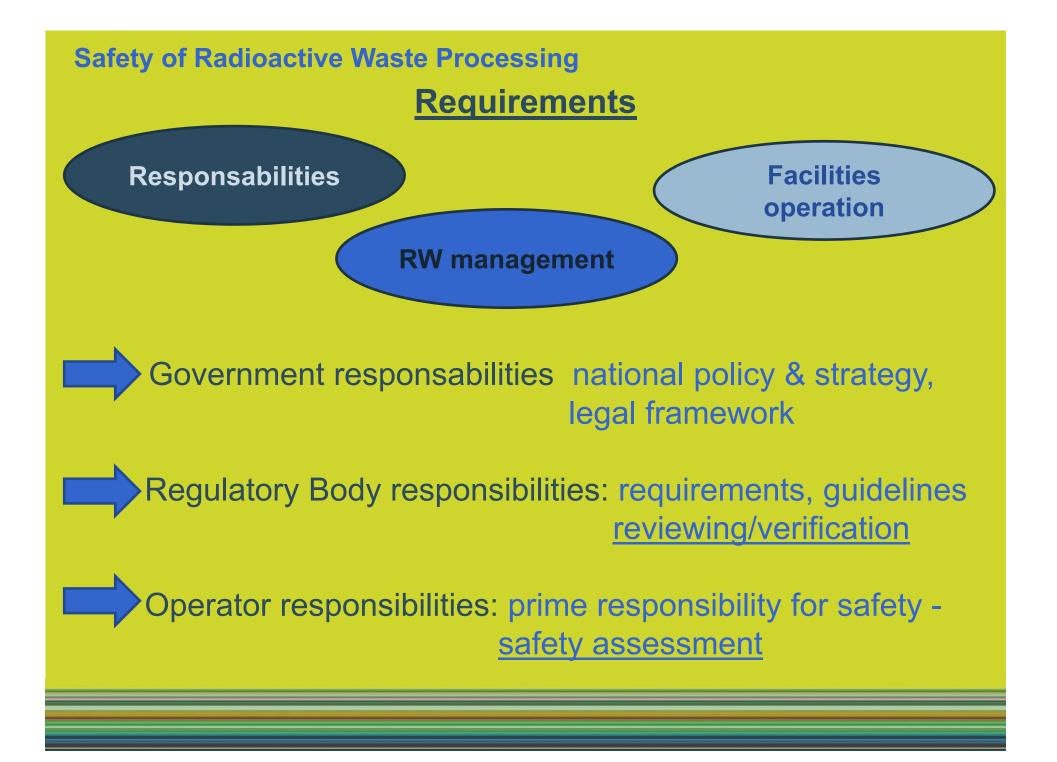
The <u>fundamental safety objective is to</u> protect people and the environment from harmful effects of ionizing radiation

control

restrict

mitigate

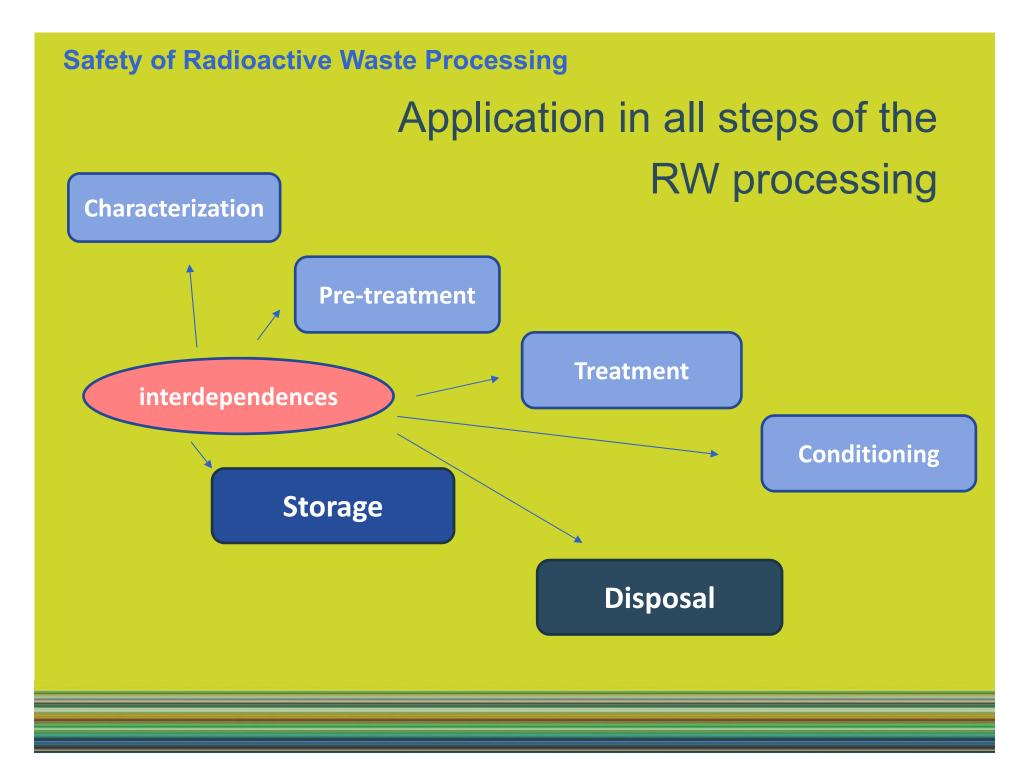






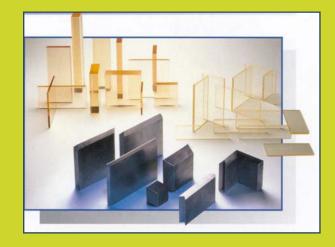
## clear independence between Institutions





## How?







shielding

monitoring









controlled areas

supervising

proceedings + recording

## Principal approaches to the RW management



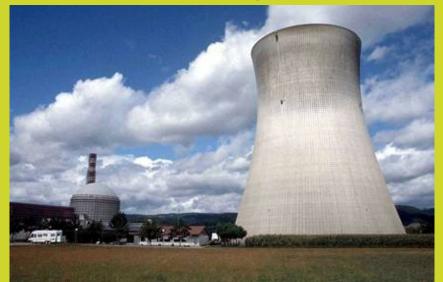
### "delay and decay"



#### potential clearance

## Principal approaches to the RW management

#### "dilute and disperse"





monitoring

carry out within authorized limits established by the regulatory body



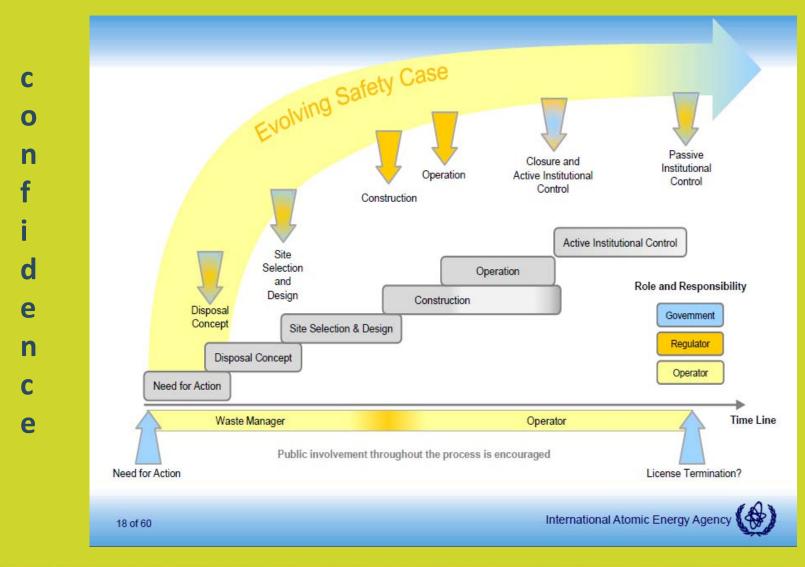
releases control

## Principal approaches to the RW management





## Safety assessment (step-by step approach - disposal concepts)



# THANK YOU VERY MUCH FOR YOUR ATTENTION !!!

Autoridad Regulatoria Nuclear

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