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SARPI  **VEOLIA**

HIGH TEMPERATURE INCINERATION OF POP'S & HW: THE PROPER TREATMENT

SESSION 1 WASTE AND SOIL TECHNOLOGIES. WASTE MANAGEMENT EXPERIENCES, DESTRUCTION TECHNOLOGIES
BLOCK 6



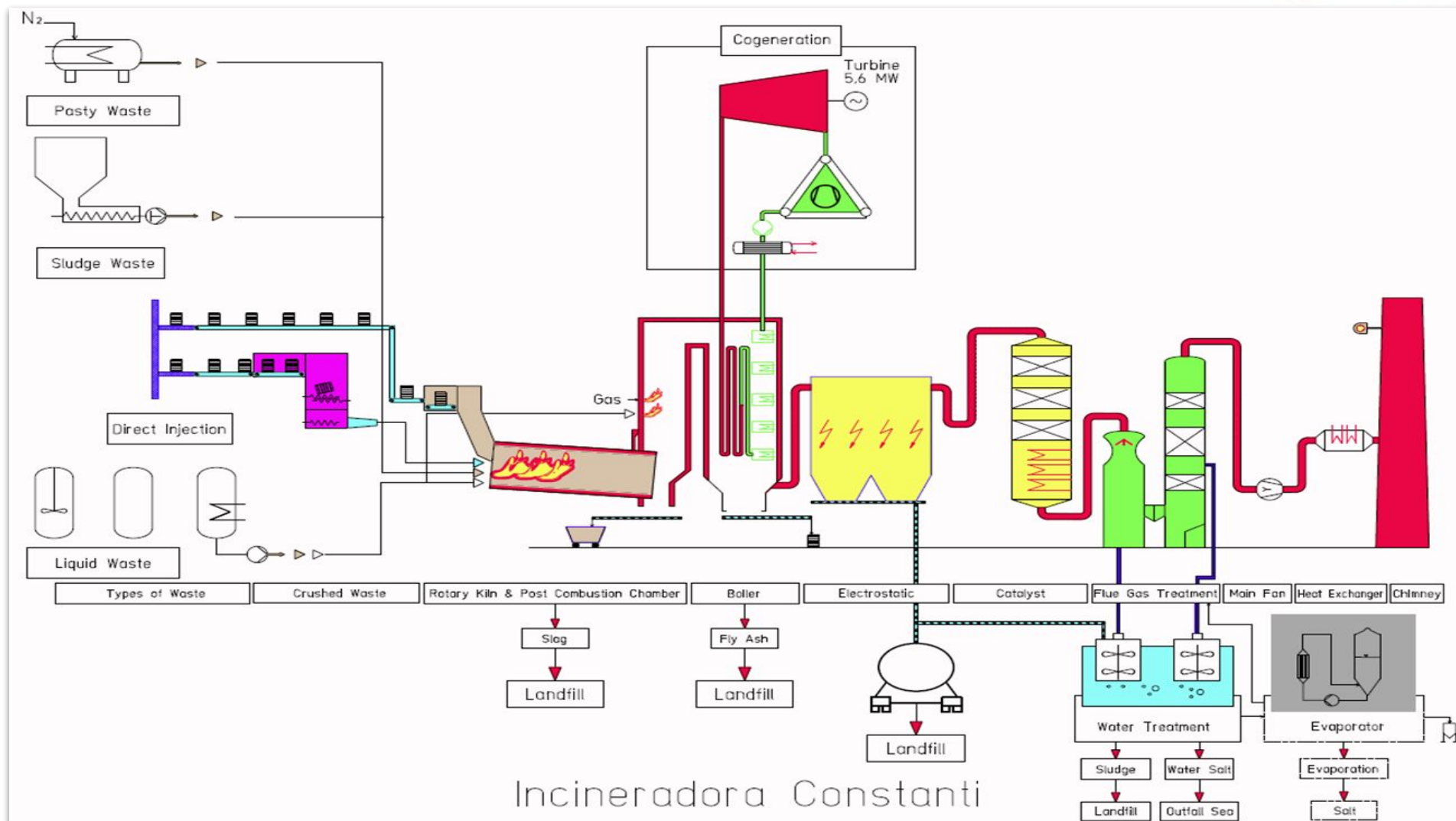
INTRODUCTION

How to link the Green Deal with Hazardous Waste Incineration of POP's and the Benefits of it for the environment and human health.

GREEN DEAL ZERO POLLUTION



WHAT IS IMPORTANT IN A HAZ WASTE INCINERATOR



WHAT IS IMPORTANT IN A HAZ WASTE INCINERATOR

- To destroy the hazards, 5 drivers:
 - ◆ $T^a > 1.100\text{ }^{\circ}\text{C}$
 - ◆ Turbulence
 - ◆ Residence time
 - ◆ Type of waste and different ways to feed into the kiln
 - ◆ Throughput
- Capture HM, VM like Hg and Ar and other compounds like Halogens and Sulphur
- Well equipped laboratory to do exhaustive analysis
- Some can recover the heat: the flue gas flow through the boiler -> Steam -> electricity

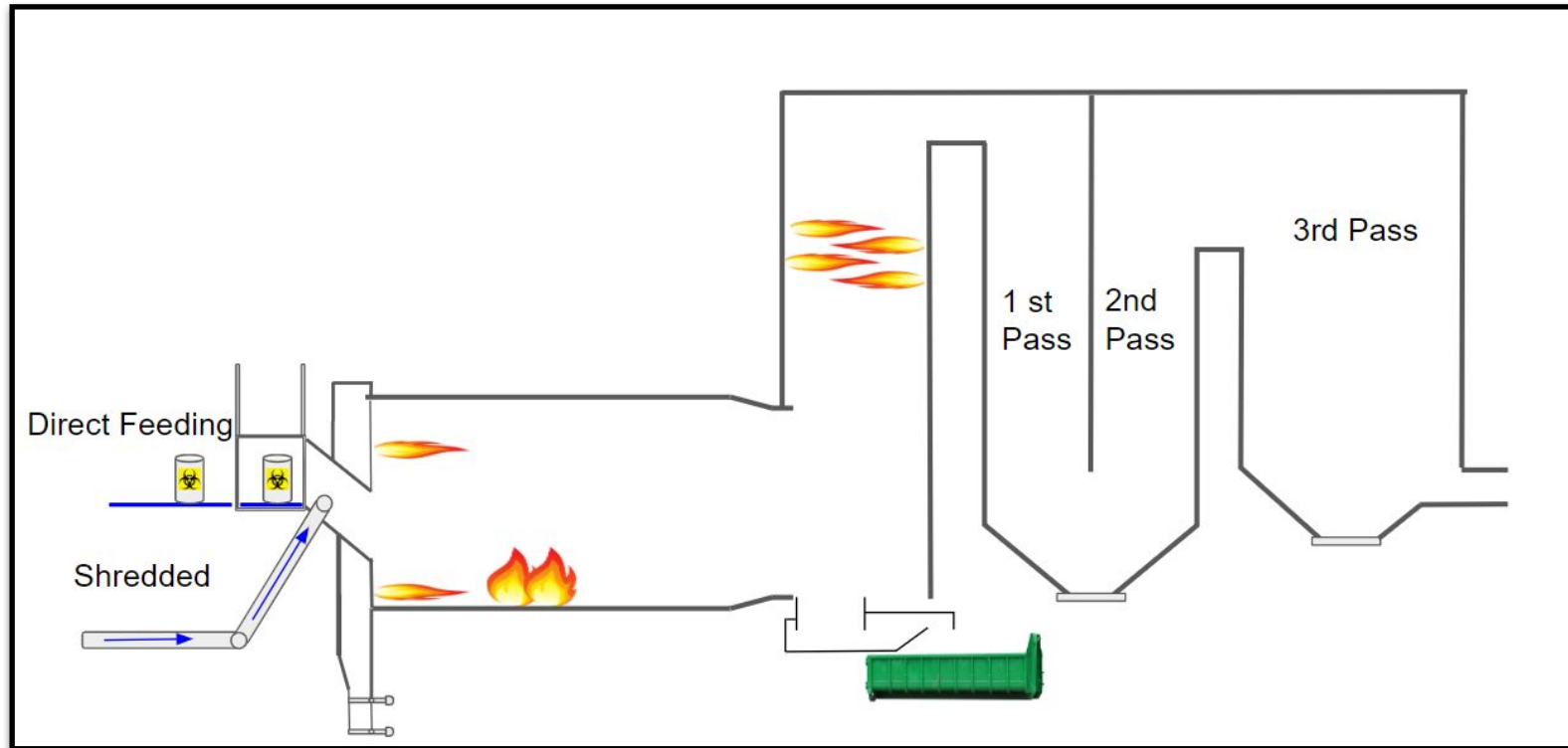


WHAT IS IMPORTANT IN A HAZ WASTE INCINERATOR

- Wet gas cleaning system performed by 4 different equipments:
- ◆ Electrostatic precipitator
 - ◆ DeNO_x Catalyst
 - ◆ Quench
 - ◆ Scrubber



WHAT IS SPECIAL IN SARPI CONSTANTÍ



SARPI CONSTANTI PART OF SARPI SPAIN



CONCLUSION

The Best Available Technologies of Hazardous Waste Incineration avoid the reintroduction of pollutants into the Circular Economy, reducing the effect to the environment and human health



THANK YOU FOR YOUR ATTENTION

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