

RECYCLING - NORM - RESIDUES



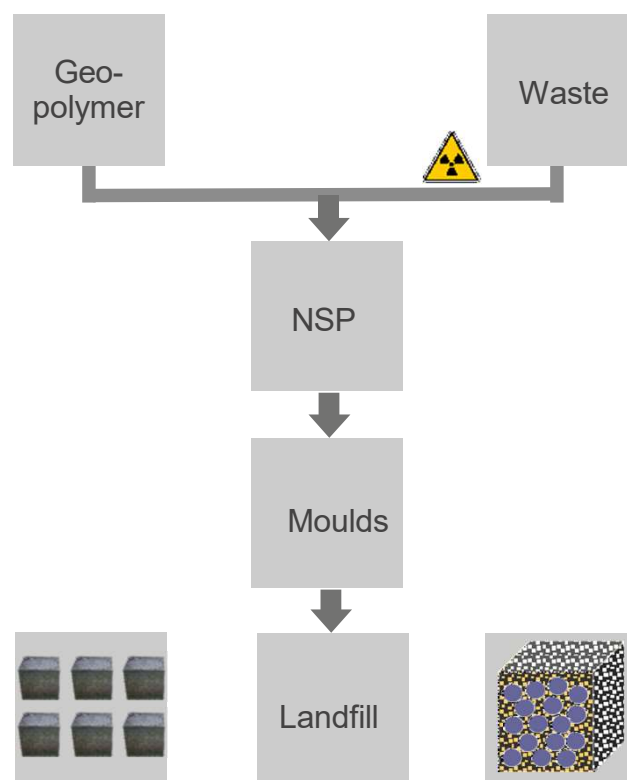
NSP – NORM STABILIZATION PROCESS

NORM (Naturally Occurring Radioactive Material) residues can arise from various industrial or mining processes such as the extraction and processing of crude oil and natural gas, drinking water treatment and deep geothermal energy.

Residues from the gas and oil industry often contain nuclides such as Ra-226, Ra-228, Pb-210 and Po-210. They usually reach the surface in oil and gas exploration or mining. NORM residues can be processed in a technological process and prepared for safe storage.

TECHNOLOGY

- Powder component (metakaolin and latent hydraulic component)
- Liquid component (activator - based on Na or K)
- Residue



APPLICATION

- Residues from contaminants typical of uranium ore mining, originating from water treatment plants
- Water treatment residues
- Residues from the cleaning of pipes in the oil and natural gas industry
- Adsorber material such as zeolites (natural or radioactive contamination)
- Water-impermeable salts, possibly with additional additives

