

Define specific measures

Modification of parameters / models

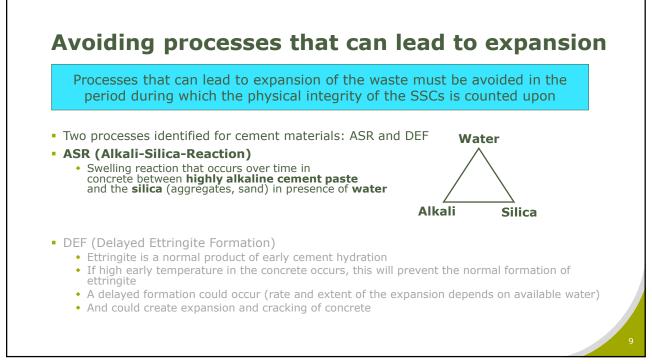
Objective: Reduction of the level of conservatism/uncertainty \rightarrow new scientific knowledge (e.g. R&D on sorption values)

Modification of the EBS

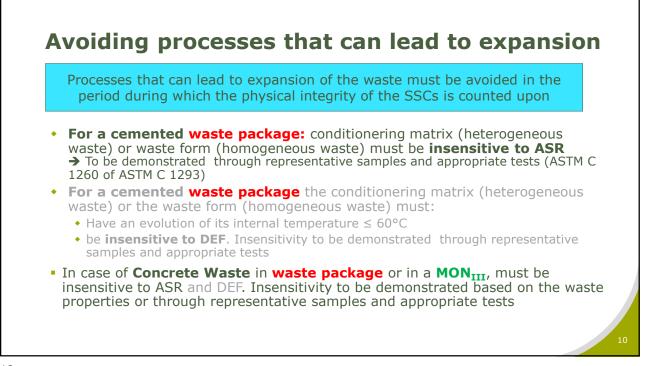
Objective: Make the waste compatible with the disposal system by adapting the EBS - Engineered Barrier System (e.g. compressible materials, fiber reinforced concrete)

Modification of the waste

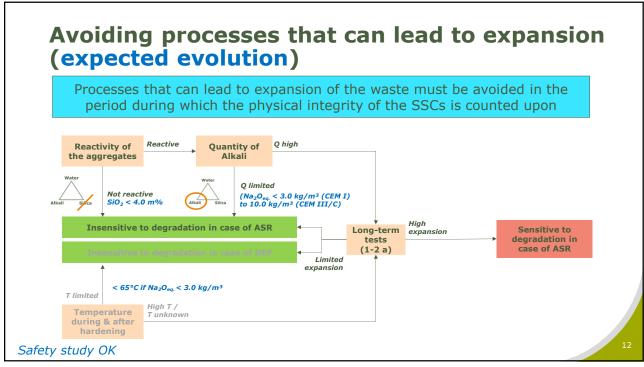
Objective: Make the waste compatible with the disposal system by adpating the waste (e.g. Thermal treatment of the waste)

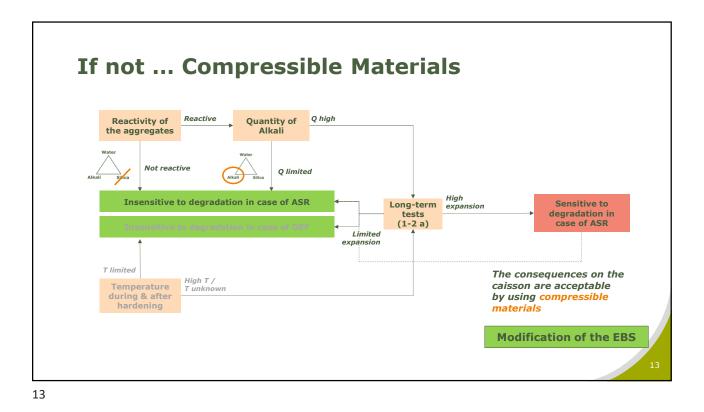


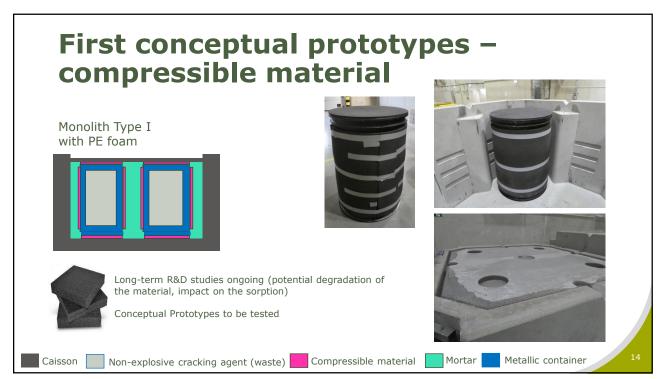


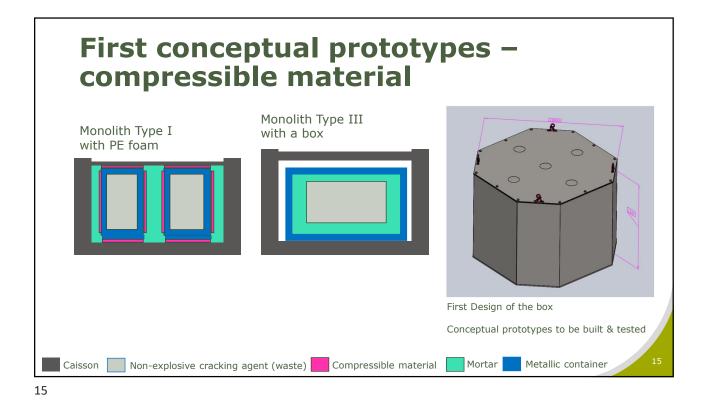


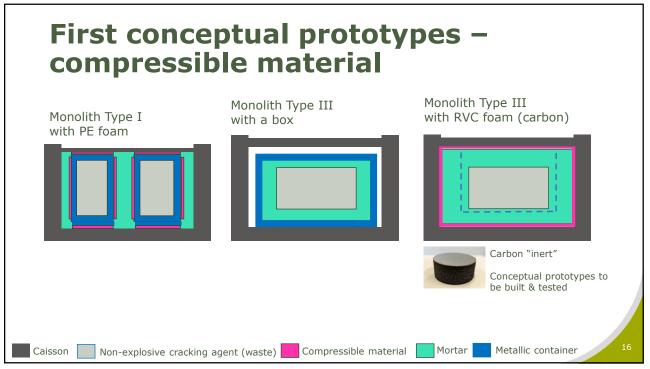


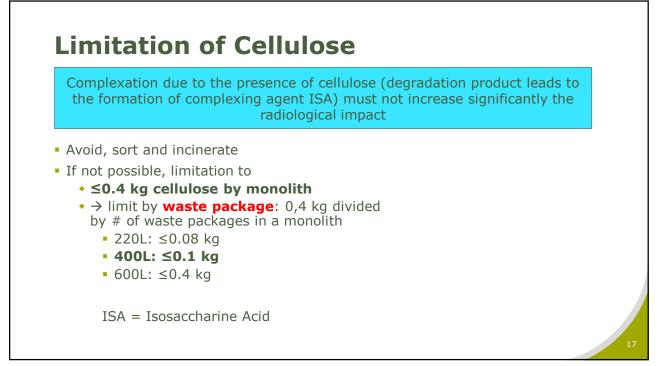


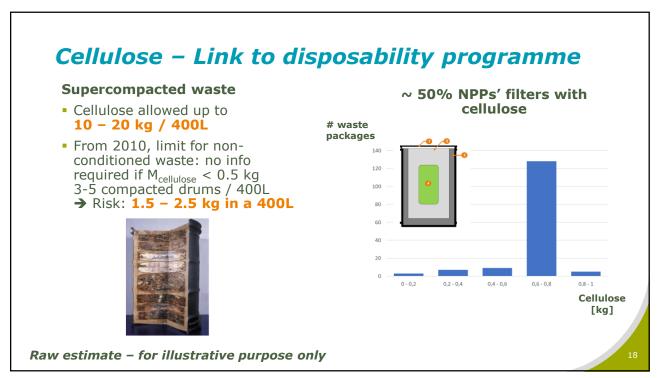


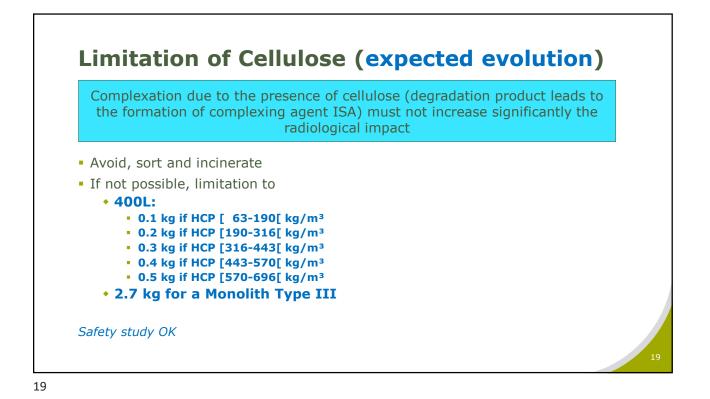


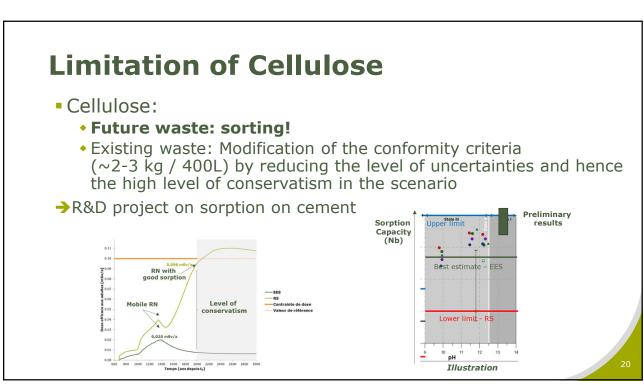


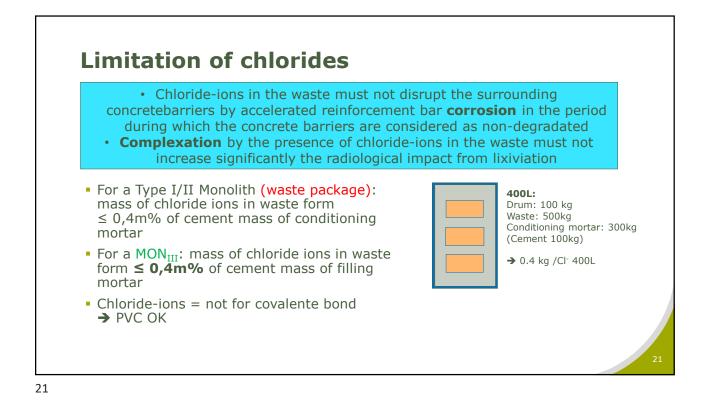


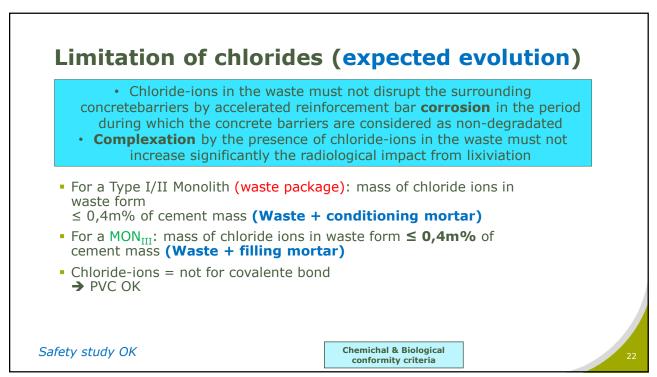


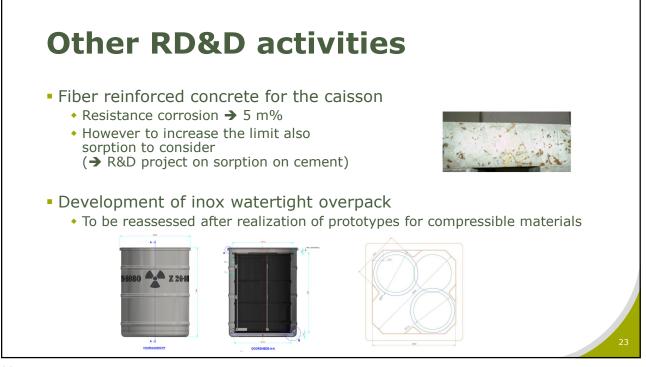


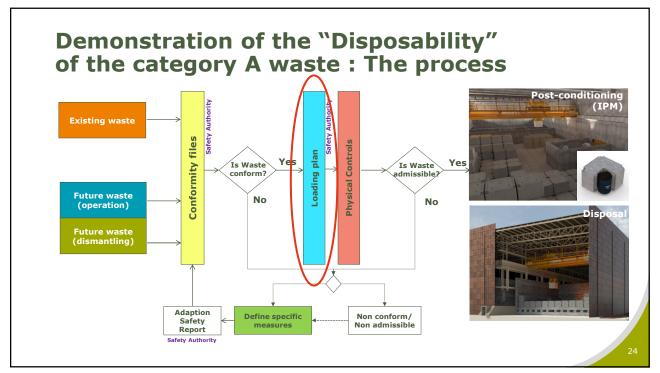


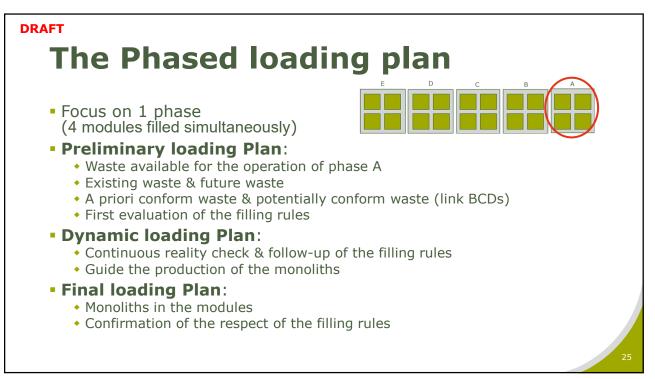


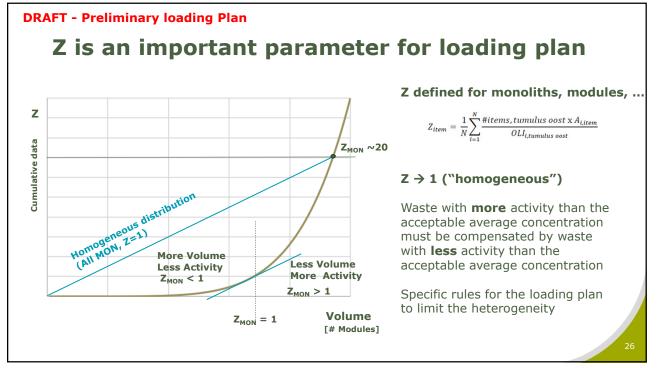


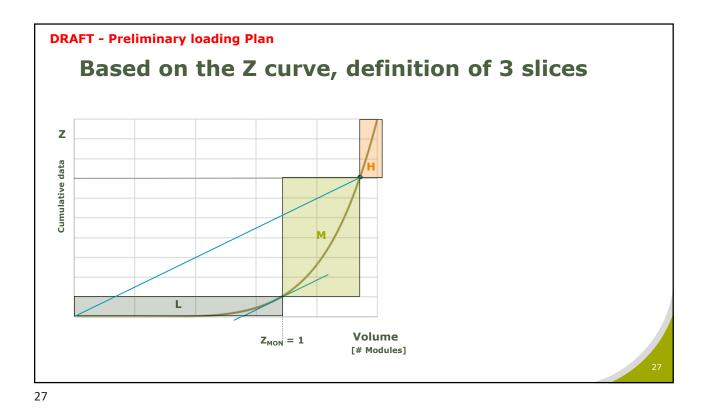


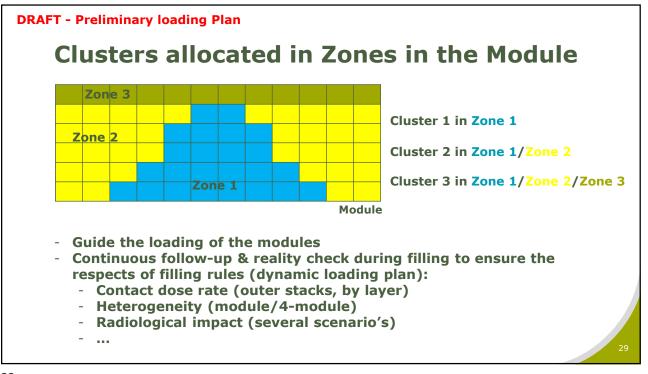


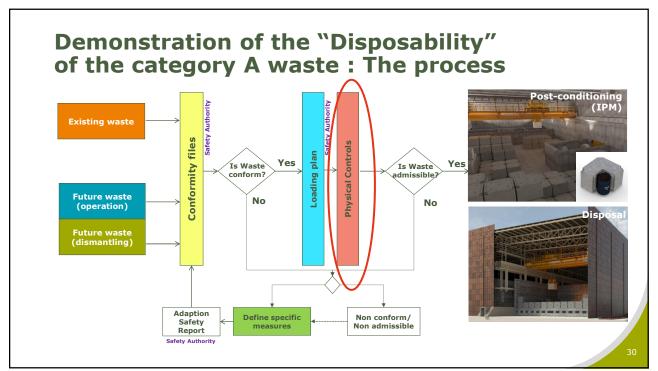












Confirmation of the conformity of the waste through physical controls

	Standard controls	Complementary controls (DT/NDT)
Frequency	Every Waste Package (WP)	Sample-based
Control	Identification of the WP, visual control, collo, Visuele controle, non-fixed surface contamination, mass, dose rate (& comparison with the data from the inventory)	Relevant conformity criteria (Through conformity file)
Temporary solution	Manual	To be develop in existing installations
Finale Solution	Mobile installation	Development of a dedicated building for DT/NDT controls



Conclusion: Processes are setting up to ensure the disposability of cat. A waste

- Conformity criteria are defined & first modifications ongoing
 - ◆ → Ensure production of (potentially) conform waste
 - → Extension of the Waste acceptance system (Reinforcement of Controls at the source)
- Development of solutions for non-conforming waste
 - Sorption tests for cellulose/chloride
 - Production & testing of prototypes with compressible material
- Development of methodologies for the loading plan
- Development of protocols for DT/NDT techniques to confirm the disposability of the waste