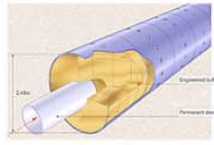


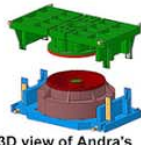
MODULE 1- BUFFER CONSTRUCTION TECHNOLOGY



Section of Ondraf / Niras' buffer and backfill concepts



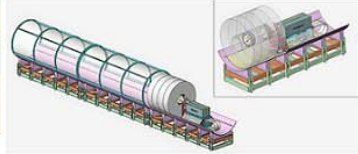
Andra's conceptual design showing perforated liner, bentonite rings and inner sleeve



3D view of Andra's mould to be used with 65 ton press to manufacture bentonite rings



Polystyrene pattern for bentonite ring mould by Ferry Capitain

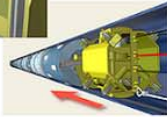


Andra's emplacement (from module 3) by Mecachimie (air cushions by Bertin)

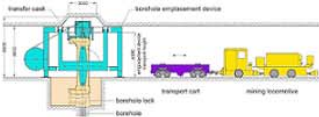
MODULE 2- EMPLACEMENT OF VITRIFIED WASTE CANISTERS



Andra's conceptual design of pushing robots for vitrified waste (C type)



Emplacement of canisters using pushing robots



DBE TEC'S vertical borehole emplacement concept

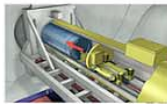


Frame of Andra's prototype pushing robot in extended position (length : 1m)



Andra's prototype pushing robot test bench set up at Musthane Lille / France October 2005

MODULE 3- HEAVY LOAD EMPLACEMENT



Andra's emplacement concept for 43 ton CU1 canisters using air cushion technology



Andra's emplacement concept for 17 ton bentonite ring packages using air cushion technology



Andra's Bertin prototype-Test bench and 13 ton load- November 2004



Andra's Bertin air cushion cradle in 1,2m diameter disposal cell simulation November 2004

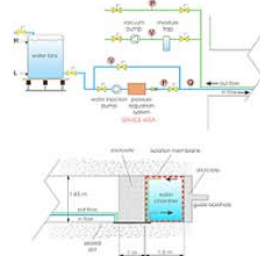


SKB ESDRED underground demonstration room at Äspö Sweden



SKB's transport tube for super-container KBS-3H (45 ton)

MODULE 4- LOW PH CEMENT, SHOTCRETE APPLICATIONS



Äspö plug construction test layout October 2005



Underground shotcrete test panels at León July 2005



Low pH shotcrete test in concrete pipe León Spain July 2005



Low pH shotcrete plug constructed at Äspö Sweden November 2005