

## **Statement on the status of our working paper**

With our Working paper we intend to derive the isolation requirements of a repository for the Danish waste inventory, as indicated by the subtitle<sup>1</sup>. We are aware that this is only one, however important, aspect of a national waste management concept. Focusing on the isolation issue we developed a method to calculate, for all Danish wastes, their longevity period. That is the time, over which those wastes will remain hazardous and thus require proper isolation in a repository to protect man and environment. From the results we distinct between short-lived wastes, that can be disposed in an administratively controlled surface-near disposal facility, and long-lived waste, that requires disposal in carefully selected isolating geologic formations. Our result is that nearly all of the Danish wastes are of the latter quality.

We carefully assessed the comments that have been made on our paper. We find that those do not affect the overall findings and the recommendations we derived from those for the isolation requirements of a repository for the Danish waste inventory.

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<sup>1</sup> „The Danish Inventory of radioactive waste and the required repository type”