

# Improved data and understanding of release of C14 from various long-lived ILW

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**IGD-TP Exchange Forum 2**

**29 November 2011**

# Scope of project

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- **Seek initial response from potential participating organisations**
- **Confirm participants**
  - Identify key contacts
  - Agree scope
- **Participants supply information on completed and ongoing research and on C14 issues for their programme**
- **NDA-RWMD compile draft summary note for circulation to participants**
- **Workshop to identify areas of common interest, knowledge gaps and future research needs**
- **Summary note revised to take account of workshop and agreed by all participants**
- **Project then acts as a forum for information exchange and enabler for collaborative or complementary research**

# Possible work areas?

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- **Possible work areas could include:**
  - C14 release from ion-exchange materials
  - Microbial generation of C14-methane
  - C14 release from irradiated metals
  - C14 release from irradiated graphite
  - Speciation of C14 species in solution or gas
  - Fate of C14 species in an engineered barrier system
- **The scope of the project would be developed during the preparation of the draft summary note and refined and agreed by the outcome of the workshop**

# Timescales

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- **Seek initial responses - November/December 2011**
- **Confirm participants, key contacts and scope – December 2011 / January 2012**
- **Participants supply information – January/February 2012**
- **NDA-RWMD compile summary note - March 2012**
- **Workshop – April 2012**
- **Summary note updated after workshop - June 2012**
- **Project acts as a forum for information exchange and enabler for collaborative or complementary research – June 2012 onwards**

# Progress

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- **Introductory email sent October**
- **Initial feedback**
  - Support for initial information gathering as input to a workshop
  - Focus should be on release of C-14 from ILW rather than fate and migration
  - Each participating organisation to nominate a key contact (inform both Steve Williams ( [Steve.Williams@nda.gov.uk](mailto:Steve.Williams@nda.gov.uk) ) and IGD-TP Secretary General Torsten Eng ( [torsten.eng@skb.se](mailto:torsten.eng@skb.se) ) with a copy to Neil Smart ( [neil.smart@nda.gov.uk](mailto:neil.smart@nda.gov.uk) )
- **Next steps**
  - Seek confirmation of participation and key contact
  - Start information gathering
  - Identify date and venue for workshop