

<b>REFERENCE</b>	
<b>Title:</b>	Technology Roadmap - Nuclear Fission Roadmap
<b>Date:</b>	2010
<b>Author:</b>	IEA
<b>Funded by:</b>	
<b>Hard copy reference:</b>	
<b>URL:</b>	<a href="http://www.iea.org/publications/freepublications/publication/nuclear_roadmap.pdf">http://www.iea.org/publications/freepublications/publication/nuclear_roadmap.pdf</a>
<b>Date accessed:</b>	27/5/2014
<b>Web Format:</b>	pdf
<b>IEA topics covered</b>	Nuclear Energy (Fission)
<b>Geographical focus:</b>	International
<b>Brief Abstract:</b>	This roadmap provides an overview of the nuclear fission energy sector, and an action plan for the continued development of the industry, on a global scale.

<b>OUTPUTS</b>	
<b>Short Report?</b>	
<b>Major report?</b>	yes
<b>Visualisations?</b>	
<b>Information held on dedicated software?</b>	
<b>- which package?</b>	

<b>ARCHITECTURE</b>	
<b>Timescales used:</b>	2010-2050
<b>Trends and drivers?</b>	yes
<b>- list</b>	Technology development, waste disposal, policy framework, expansion.
<b>Enablers?</b>	yes
<b>- list</b>	Development of design standards, continued global development of geological repositories, development of policy framework from governments and support for countries without existing nuclear energy programmes.
<b>Performance measures/targets?</b>	yes
<b>- list areas</b>	
<b>Mapping of RD&amp;D activities?</b>	no
<b>Critical assessment of capabilities?</b>	no

<b>PROCESS</b>	
<b>Methods used:</b>	
<b>- Desk study?</b>	yes

<b>- Consultation</b>	
<b>- Interviews?</b>	Yes
<b>- Facilitated workshop(s)</b>	Yes
<b>- Working groups/task force</b>	yes
<b>- Integrated Process</b>	
<b>Stakeholders engaged:</b>	
<b>- University based researchers</b>	Yes
<b>- Other public sector researchers</b>	Yes
<b>- Business – technology</b>	Yes
<b>- Business – other</b>	Yes
<b>- Government - energy</b>	Yes
<b>- Government – SET</b>	
<b>- Government - other</b>	Yes
<b>- NGOs</b>	
<b>No of people engaged:</b>	
<b>Budget (if known):</b>	
<b>Commitment to re-visit?</b>	Yes, new version expected late 2014

<b>ACTIONS IDENTIFIED</b>	
<b>List of actions?</b>	yes
<b>Actions listed according to timescale?</b>	yes
<b>Actions prioritised?</b>	no
<b>Sequencing/dependencies identified?</b>	No
<b>Responsibility for actions identified?</b>	yes
<b>Types of actions identified:</b>	
<b>- Basic research?</b>	
<b>- list areas</b>	
<b>- Applied research?</b>	
<b>- list areas</b>	
<b>- Development &amp; demonstration</b>	
<b>- list areas?</b>	
<b>- Other types of action?</b>	
<b>- list other types</b>	

This Roadmap Characterisation was compiled by Samantha Quinn of the University of Edinburgh in May 2014

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