



**Committee on Radioactive Waste Management
CoRWM Doc. 3543**

PROPOSED PROGRAMME OF WORK

2019

Table of Contents

1. Introduction from the Chair	4
2. Summary	5
3. Background to Our Work	6
4. How We Work.....	6
CoRWM's Funding and Time Allocation	8
CoRWM Stakeholders	8
5. Our Tasks and Focus	10
Our Work Areas for 2019-21	12
Annex A – Work Areas, Tasks and Deliverables for 2019-20	13
Annex B CoRWM Members.....	17
Annex C Subgroup Focus and Membership.....	22
Annex D Glossary of Terms	24

1. Introduction from the Chair

This year, I am presenting this Work Programme on behalf of the Committee as the new Chair of CoRWM. Prof. Laurence Williams stood down at the end of October 2017 and Prof. Campbell Gemmell was Interim Chair until I took up the position of Chair in July 2018. My thanks go to Campbell for his contribution, as well as the rest of the Committee for maintaining their usual high standards and exceptional work rate during this time. Mr Paul Davis, Professor Melissa Denecke, Dr Andy Hall, and Professor Simon Redfern left the Committee over the last year and a special thanks should be extended to them for their contribution to the Committee over a number of years.

The Committee has made a variety of administrative and process improvements as a result of the enhanced Secretariat and this process of improvement has continued into the new year. This has included the update of the CoRWM website and publishing all available CoRWM position papers on the National Archive. Over the course of the last year BEIS has also undertaken a Tailored review on the function and form of CoRWM in line with the Cabinet Office principles for good governance in relation to public bodies. The review concluded that CoRWM was well-respected amongst its industry peers and performed an important role in a sensitive area of government policy and generally discharges its role very effectively. The review also made a number of recommendations. These recommendations have been fully considered and work is underway to implement them.

2018 culminated in the publication of, *Geological Disposal -Working With Communities* policy document and the launch of a new siting process. Much of the next year and the years to come will be taken up with the national and local conversations resulting from the launch of this new siting process. We plan to engage widely with our various stakeholders on this and other matters, reflecting the contribution that they need from us. We will endeavour to provide valuable and accessible indications of our assessments and positions, using our website as well as social media and our various meetings and reports in order to communicate all of our work as fully as possible.

This coming year is one where the focus on delivering a geological disposal facility (GDF) is now crystal clear and will take up a large amount of our work effort. But there are many other aspects of radioactive waste management that will also claim our attention. Whatever the case, CoRWM will continue to scrutinise and advise as best as it is able, seeking to ensure appropriate outcomes from the decision makers and delivery body.



Sir Nigel Thrift
Chair, Committee on Radioactive Waste Management

2. Summary

1. The Committee on Radioactive Waste Management (CoRWM) is an advisory Non-Departmental Public Body, with a remit to provide independent scrutiny and advice on the long-term management of higher activity radioactive wastes. The Committee normally consists of a Chair and 11 experts from various fields related to radioactive waste management.
2. CoRWM reports to Ministers in the Department for Business, Energy and Industrial Strategy (BEIS) as well as the Scottish Government (SG), Welsh Government (WG) and in the absence of the Northern Ireland Executive to the Department of Agriculture, Environment and Rural Affairs (DAERA) in Northern Ireland. These organisations are known collectively as CoRWM's Sponsors.
3. This Work Programme sets out CoRWM's work plans for the next two years, how the Committee is financed and the areas in which CoRWM plans to undertake work. CoRWM updates this document annually. It is then agreed by Sponsors and published on CoRWM's website.
4. The Work Programme also describes: the Committee's background and remit; its methods of working and enablers; and its priorities and proposed deliverables for 2019 to 2022.
5. CoRWM's financial and working year begins on 1st April and ends on 31st March.
6. On 19 December 2018, the Geological Disposal Facility (GDF) siting process was launched by BEIS. The Welsh Government launched a parallel process on 16 January 2019. Much of the Committee's work early in this year will focus on activities related to the launch of these processes, especially, ensuring the underlying need case for GDF continues to be well articulated and accepted, evaluation and community engagement.
7. The Committee also has a remit to advise more broadly on radioactive waste management issues, which includes scrutinising the storage, characterisation and classification of radioactive waste; advising the Scottish Government on policy for near-surface near-site waste management; management for spent fuel and other nuclear materials, and assessing RWM's processes for engaging with communities and evaluating potential sites.
8. The current membership of CoRWM is given in Annex B.

3. Background to Our Work

9. CoRWM was set up in 2003 as part of the Government's Managing Radioactive Waste Safely (MRWS) programme. Its initial remit was to oversee a review of the options for the long-term management of the UK's higher activity radioactive waste (HAW) and to recommend an option (or combination of options) to Government. CoRWM reported in July 2006 (CoRWM doc. 700) and Government responded in October 2006, accepting most of CoRWM's recommendations. CoRWM's principal recommendation described geological disposal as the best available approach to the long-term management of HAW, and recommended progress as soon as practicable.
10. In October 2007, CoRWM was reconstituted, with revised Terms of Reference and expertise, to provide independent scrutiny and advice to UK Government and the Devolved Administrations on the long-term management, including storage and disposal, of radioactive waste.
11. CoRWM also advises the Devolved Administrations of Scotland, Northern Ireland, and Wales on their policies, including where they differ from that of the UK Government, for example the Scottish Government policy of near-site near-surface storage and disposal.
12. CoRWM's current Terms of Reference are available on the CoRWM website¹.
13. Though CoRWM's membership and remit have changed over the years, CoRWM members continue to conclude unanimously that geological disposal is the best available approach to safely dispose of the UK's higher activity radioactive waste and prevent it from becoming a financial and environmental burden to future generations.

4. How We Work

14. The Committee formulates its key advice and takes decisions by consensus in plenary session. It normally holds six open plenary meetings each year that the public can attend. The Committee also holds closed plenary meetings to take evidence and enable discussions with officials.
15. The Committee provides its advice through a variety of methods. Members' views on some issues may be communicated in person or as commentary on documents. More complex issues will often require the consensus of the Committee through discussion at plenary meetings and may be presented in a formal letter, report, or recommendation.

¹ <https://www.gov.uk/government/organisations/committee-on-radioactive-waste-management/about/terms-of-reference>

16. CoRWM Doc. 3394 sets out a new system of categorising CoRWM advice. It describes how *CoRWM Papers* and *CoRWM Recommendations* always constitute a consensus committee view, where *CoRWM Advice Notes* always constitute the view of a subgroup unless clearly stated otherwise. Other advice, such as that contained in meeting minutes, emails, and commentary on documents is to be considered the individual view of members unless stated otherwise. This latter, less formal advice is collectively categorised as *CoRWM Comments*.

Table 1: Categories of CoRWM Advice

Category	Examples	Default level of consensus required
"Recommendation" ²		Consensus view of committee.
Report	Consultation response, technical report, position paper	Consensus view of committee.
Note	Advice note, meeting note, summary note	Consensus view of subgroup unless stated otherwise.
Comments	Document comments, emails, meeting minutes	Member's individual views unless stated otherwise.

17. Much of the work of the Committee is carried out by subgroups. Each subgroup focuses on an area of interest or aspect of a programme, and contains members with relevant knowledge, skills and experience. The membership and focus of these subgroups is given in Annex C.

18. The Chairs of the subgroups are responsible for preparing work plans to meet the requirements set out in this work programme. Subgroup chairs must also ensure the work of the subgroup is reported to the Committee in order for the Committee to formulate its advice.

² Potentially formalised in the Annual Report or presented to Sponsors for their consideration.

CoRWM's Funding and Time Allocation

Table 2: CoRWM budget estimates 2019-21³. (This is an indicative budget subject to annual budget settlement)

Item	Budget (£)	
	2019-20	2020-21
Members' Fees	275000	275000
Accommodation, Travel, Subsistence, Visits		
Administration, Recruitment and Secretariat	25000	45000
TOTAL	300000	320000

Table 3: CoRWM members time allocations for 2019-20 by role

CoRWM Role	Indicative time allocation for role (days)	Number of Members in role	Total indicative time allocation for role (days)
Chair	70	1	70
Deputy Chair	45	1	45
Subgroup Chair	25	6	150
Member	25	4	100
All CoRWM Roles		12 ⁴	365

CoRWM Stakeholders

19. CoRWM engages with a wide variety of stakeholders to ensure CoRWM members have up-to-date information and access to a broad range of views in radioactive waste management.

20. In developing this work programme, the Committee consulted the following groups for their feedback:

³ These figures are indicative and the actual financial allocation will depend on future spending settlements and that this will impact on the work programme.

⁴ Actual number of members may vary due to membership changes, new appointments in progress ETA Q3 2019

- BEIS
- Scottish Government
- Welsh Government
- Department of Agriculture, Environment and Rural Affairs (DAERA)
- Nuclear Decommissioning Authority (NDA)
- Radioactive Waste Management Limited (RWM)
- Office for Nuclear Regulation (ONR)
- Environment Agency (EA)
- Natural Resources Wales (NRW)
- Scottish Environment Protection Agency (SEPA)

The proposed indicative 2019-21 work programme reflects the comments that were received.

5. Our Tasks and Focus

Our Work Areas for 2019-2020

21. Much of CoRWM's work will be focused on activities related to the process for seeking a suitable location for a GDF that was launched in December 2018. CoRWM will continue to scrutinise and advise on the documentation, technical information, policy, and plans supporting RWM and Government's community engagement and siting process.
22. Further work will focus on advice to the Welsh Government and RWM on its siting engagement process, and to Scottish Government on their near-surface near-site storage and disposal policy.
23. The Committee has not allocated a specific task regarding Northern Ireland activities. The Committee will continue to provide advice to Northern Ireland at their request.
24. In the wider radioactive waste management landscape, CoRWM will be reviewing the NDA's assumptions and strategy for managing the UK waste inventory,
25. The scope of this indicative work programme is built on the assumption that current levels of Secretariat support will continue to be in place. The Committee is currently supported by both a Committee Secretary and a Technical Secretary within BEIS.
26. CoRWM Work Areas for the coming work year are as follows:
 - 1: Scrutiny of and advice to BEIS, the Welsh Government and RWM on activities related to the GDF siting process and implementation of policy.
 - 2: Scrutiny of and advice to BEIS, the Welsh Government and RWM on technical site evaluation criteria.
 - 3: Scrutiny of and advice to BEIS on developing regulation to give the Office for Nuclear Regulation the powers to licence a GDF.
 - 4: Scrutiny of and advice to Scottish Government on the management of radioactive waste in Scotland.
 - 5: Scrutiny of and advice to the Welsh Government on the management of radioactive waste in Wales, including the possibility of a review of the radioactive waste infrastructure in Wales.

6: Scrutiny and advice to BEIS and NDA on the storage of radioactive waste, spent fuel and nuclear materials that may be destined for disposal in a GDF.

7: Scrutiny of and advice to BEIS, Scottish Government and NDA on the UK's waste strategies.

8: Responsive advice, and other miscellaneous work providing scrutiny and advice to stakeholders in wider waste management areas.

9: Outreach activities

10: Committee management, which includes the development of consensus views in plenary meetings.

Table 4: Time allocation for Work Areas 2019-20 ⁵

Work Area	Work Area description	Subgroup	Indicative allocation of days ⁶
1	GDF process and policy implementation	1	35
2	Site Evaluation criteria	2	30
3	Regulation to give ONR licensing powers for GDF	3	20
4	Scottish Government Activities	4	20
5	Welsh Government Activities	5	20
6	Storage of waste, spent fuel, and nuclear materials	6	15
7	Scrutiny of waste strategies	6	15
8	Responsive work	All	50
9	Outreach	All	10
10	Committee management	All	150
Total			365

⁵ Resource deployment will be an ongoing task.

⁶ All allocation of days per Work Area is indicative and subject to review throughout the year.

Our Work Areas for 2019-21

For planning purposes this allocation is scaled across the next two years. CoRWM's work is likely to cover many of the same broad areas as in 2018/19. Tasks will be refined in future Work Programme updates according to the requirements of the GDF Programme, waste management policy, etc.

- **Scrutiny and provision of advice to BEIS, Welsh Government and RWM on activities related to community engagement in respect of the siting process for a GDF.**
- **Scrutiny and provision of advice to BEIS, Welsh Government and RWM on activities relating to the continued development of a GDF safety case.**
- **Scrutiny and provision of advice to BEIS, Welsh Government and RWM on GDF siting activities, including selection criteria, methods of investigation, and the timescale for carrying out site selection in the three rock types.**
- **Scrutiny and provision of advice to the Scottish Government on the management of radioactive waste in Scotland, including the implementation of the near surface – near site disposal strategy.**
- **Scrutiny and provision of advice to the Welsh Government on the management of radioactive waste in Wales.**
- **Scrutiny and provision of advice to BEIS and NDA on the storage of radioactive waste, spent fuel and nuclear materials that may be destined for disposal in a GDF.**
- **CoRWM outreach activities including being available to Communities that are active in the GDF siting process and the Chair's engagement with international counterpart organisations to benchmark UK progress.**
- **Work on the annual report, quarterly reports and work programme.**

Annex A – Work Areas, Tasks and Deliverables for 2019-20

27. Table 5 provides a description of each proposed Work Area for 2019-20, together with Tasks and indicative deliverables or records, the task priority and the planned resource allocation.
28. CoRWM will produce a number of deliverables in the form of informal summary notes for Government following meetings. Currently, this is the preferred approach to delivering advice due to the need for timeliness and flexibility. CoRWM will endeavour to publish all of its reports. CoRWM will also produce an Annual Report for 2018-19 for publication in June 2019, and will also produce quarterly updates.

Table 5: Proposed work areas, tasks and indicative deliverables for 2019-20

Work Area	Task and <u>Deliverable</u>	Priority
1. Scrutiny of and advice to BEIS, Welsh Government and RWM on activities related to implementation of Working With Communities (WWC) policy and related siting and engagement documents.	1A Scrutiny and advice to BEIS, NDA and RWM on the development and implementation of the Site Evaluation.	*
	1B Scrutiny and advice to BEIS, NDA and RWM on the implementation of the Working With Communities policy	*
	1C Scrutiny and advice to the Welsh Government on the implementation of the Welsh Working With Communities policy	*
	1D Engagement with and provision of advice as requested to interested parties, Working Groups and Community Partnerships	

<p>2. Scrutiny of and advice to BEIS, Welsh Government and RWM on technical site evaluation criteria and plans for site investigation and characterisation.</p>	<p>2A Scrutinise the application of Site Evaluation criteria and how appropriate it is for specific communities.</p>	*
	<p>2B Examine RWM's long-term planning approach for GDF delivery. Provide feedback and advice by means of a written report.</p>	
<p>3. Scrutiny of and advice to BEIS and RWM on activities related to GDF licensing and implementing geological disposal on land use planning more generally</p>	<p>3A Maintain a watching brief on the actions following the publication and designation of the NPS.</p>	
	<p>3B Advise BEIS on activities associated with prescribing the disposal of radioactive waste as a licensable activity</p>	*
	<p>3C Review and advise on 'Sector Guidance' on in-situ disposal of Low-Level Waste through the mechanisms of the Planning Systems.</p>	
<p>4. Scrutiny of and advice to the Scottish Government (Scottish Government) on the management of radioactive waste in Scotland.</p>	<p>4A Meeting (Notes) Scottish Higher Activity Waste Strategy Implementation – Scrutinise Scottish Government progress against delivery of the implementation strategy. Represent Committee at key working groups and provide advice as appropriate in consultation with Scottish Government, its agencies and other relevant stakeholders. Monitor and advise on Scottish implementation work programme and research developments.</p>	*

	<p>4B Advice (Notes) to Scottish Government on General Higher Activity Waste & Integrated Waste Management advice in Scotland. Provide advice on industry, government and NDA developments including research, the Magnox transition and Dounreay decommissioning programme.</p>	<p>*</p>
	<p>4C General radioactive waste management issues scrutiny and advice in relation to Scotland including research, stakeholder engagement and repatriation of overseas wastes & waste substitution</p>	
<p>5. Welsh Government (WG) activities</p>	<p>5 Scrutiny of and advice to the Welsh Government (WG) on the management of radioactive waste in Wales.</p>	<p>*</p>
<p>6. Scrutiny of and advice to BEIS and NDA on the storage and potential disposal of radioactive waste, spent fuel and other nuclear materials.</p>	<p>6A Work programme for a study of how near-surface disposal could be complementary to a GDF.</p>	<p>*</p>
	<p>6B Ongoing scrutiny of end of the Magnox reprocessing programme, and of storage and potential disposal of spent fuel, uranics and plutonium.</p>	

	6C Review of alternative methods of disposal (including deep borehole disposal) in line with the Government's commitment that alternative management options should be actively pursued.	*
	6D Monitoring and providing advice on NDA integrated waste management strategies and developments including boundary, problematic wastes in Scotland and strategic direction.	
7. Management and Administration	7A Formulation of advice at plenary meetings	
	7B Work on quarterly updates, work programme, and annual report	
	7C Management and administration of the Committee	
8. Responsive Work	8 Responsive advice, and other related tasks providing scrutiny and advice to stakeholders in wider waste management areas	*
9. Outreach	9A Production of FAQ papers for the public	*
	9B Engagement with counterpart expertise	*

* Each member (12 total according to the Terms of Reference), for each of 6 plenary meetings, will prepare and review material for half a day, and attend two days of meetings.

Annex B CoRWM Members



Chair

Sir Nigel Thrift was appointed Chair of the Committee on Radioactive Waste Management on 2 July 2018.

Until 2017, Sir Nigel was the Executive Director of Schwarzman Scholars. He is one of the world's leading human geographers and previously served as Vice-Chancellor and President of the University of Warwick and as Pro-Vice-Chancellor for Research at the University of Oxford.

Current term of office ends: July 2022



Deputy Chair

Campbell Gemmell is a Partner in Canopus Scotland Consulting, working largely on environment policy and regulation issues in the EU, Australia and China.

Campbell is currently an Advisor to Scottish Government, chairing the review of Air Quality Strategy and is an Honorary Fellow of Scottish Environment Link working on the development of an Environment Rights Centre for Scotland. He has worked in this year for the World Bank Group and chaired Scottish Government's Round Table on Environment and Climate Change Group on Environmental Governance. He is Visiting Professor at Strathclyde University Law School, Honorary Professor of Environment Research, Policy, Regulation and Governance in the University of Glasgow and Adjunct Professor in the Future Industries Institute at UniSA, Adelaide.

He is former CEO of the South Australian EPA (2012-14) and was CEO of SEPA (2003-12), with, in Scotland, responsibility for environmental regulation of the civil nuclear programme and relevant wastes from Scottish sites. He was closely involved in assessing and tackling the Dounreay particles legacy and related issues in other locations in Scotland. He was a member and Chair of the Dounreay Particles Advisory Group 2001-11. Campbell also chaired the South Australian State Radiation Protection Committee 2012-14.

Campbell is also a qualified mediator.

Current term of office ends: November 2020



Gregg Butler is Co-Director of Integrated Decision Management Ltd, Professor of Science in Sustainable Development at the University of Manchester, and Head of Strategic Assessment for the Dalton Nuclear Institute.

He has a BSc and PhD in metallurgy from Swansea University, and over 45 years' experience in the nuclear industry, having worked in most parts of the fuel cycle, in R&D, planning, commercial, plant operations, plant and site management and director roles. He was a member of the Radioactive Waste management Advisory Committee from 1994 to 2004. Current research interests include Generic Feasibility Assessment of nuclear systems, plutonium use, the sustainability of nuclear power and its regulation, and effectiveness of decision making methodologies in bringing robust conclusions to be reached taking account of economics, regulatory outcomes, and stakeholder views and values.

Current term of office ends: **31st May 2019**



Joanne Hill is an Engineer with over 20 years' experience in the nuclear industry holding senior roles in academic, regulatory and commercial environments. She is a specialist in radioactive waste management, with experience in the civil nuclear energy programme covering operational and decommissioning sites, new build and geological disposal facilities.

Joanne is a Fellow of the Institute of Materials, Minerals and Mining (FIMMM) and holds a PhD in Radioactive Waste Management. After gaining her PhD she worked as a Senior Research Fellow in the Immobilisation Science Laboratory at the University of Sheffield, before moving to Nirex (now Radioactive Waste Management Ltd) as the Wasteform Research Manager focusing on the provision of underpinning evidence to support the Geological Disposal Facility (GDF) concept.

Joanne moved to the private sector in 2006 and has worked in a number of consultancy roles covering a broad range of the civil nuclear sector. She is currently a Director at Collingbourne Consulting Limited. Throughout her career, Joanne has developed a wide and in depth knowledge and experience in the field of radioactive waste management and disposal in addition to the personal qualities necessary to build and maintain strong business relationships.

Current term of office ends: **November 2020**



Stephen Newson is a Chartered Engineer and Fellow of the Institute of Materials, Minerals and Mining and is currently working as a Mining Consultant on a range of underground projects in the UK and overseas.

He has over 40 years of mining experience including operational management, research and development, business planning and the design and construction of large underground excavations. He spent 16 years with British Coal, latterly responsible for the specification and approval of underground tunnel and coalface support systems on a national basis. During this time his was also a UK representative on the European Experts' Committee on tunneling systems. He has worked for a number of major companies on new mine construction and expansion projects in Australia, Asia, North America and Africa. He has also, as a consultant, previously worked on underground design and planning projects related to the potential disposal of radioactive waste underground.

Current term of office ends: **31st May 2019**



Richard Shaw is an exploration and mining geologist (C. Geol; Eur. Geol) with over 25 years of experience in the deep geological disposal of radioactive waste. He retired from the British Geological Survey in October 2016.

Previous experience includes 7 years of exploration, environmental impact assessment and mining feasibility for a uranium deposit in Africa. He was Team Leader of the BGS's Radioactive Waste Team until April 2016 with responsibility for all work, both internally funded and commissioned that the BGS undertook in the radioactive waste disposal sector.

He has considerable experience of the Nirex site investigation programmes and relevant experience of other European programmes, in particular those of France and Sweden, and has undertaken work for Andra, Ondraf-Niras, SKB, Covra, and JAEA as well as RWM. He was Co-ordinator (2009-2013) of the EC FP7 Euratom FORGE (Fate of Repository Gases) Project. This pan-European (24 partners in 12 countries) was looking at the generation, migration and fate of gases in a radwaste repository context.

Current term of office ends: **November 2020**



Stephen Tromans QC is a barrister practising at 39 Essex Chambers, London.

He was Joint Head of Chambers from 2011-2015. He was worked as an academic at Cambridge (1981-1987) and as a solicitor (1987-1999). He became a barrister in 1999 and was appointed Queen's Counsel in 2009.

His area of specialism is environmental, energy natural resources and planning law. He has extensive experience of advising companies and government and representing them in court and at public inquiries. He has a particular focus on nuclear law and is the author of the leading text, "Nuclear Law". He is also the author of leading works on environmental impact assessment and contaminated land and has spoken and written widely on these topics.

He has been a member of the UK Environmental Law Association (UKELA) since its formation in 1986, and has been Chair and a Council member of UKELA. He is also a member of the International Nuclear Law Association (INLA) and a director of INLA UK. From 1994-2002 he was a Council Member of English Nature, the predecessor of Natural England and from 2010-2014 was the Chair of the Environmental Law Foundation (ELF).

Current term of office ends: **November 2022**



Andrew Walters is an Environmental Lawyer and Chartered Town Planner.

He has worked on an extensive range of project and policy work in the public and private sectors with a career stretching across 20 years in the UK and overseas. He has developed a reputation for delivery of complex environmental consents on a diverse range of infrastructure projects from the construction of deep water ports and harbours, nationally significant rail, highways, bridges, energy, waste and commercial development projects.

Andrew's regularly leads consenting campaigns bringing a deep understanding of the challenges of consenting development projects in multiple legislative environments, often with complex engineering considerations in highly sensitive sites of significant environmental importance.

Current term of office ends **November 2020**



Julia West is Principal of West Consult having spent most of her career at the British Geological Survey (BGS). She is also an Honorary Visiting Professor at the University of Manchester (School of Earth, Atmospheric and Environmental Sciences). She is a Chartered Biologist and Fellow of the Royal Society of Biology.

Julia has a PhD in geomicrobiology with over 35 years of practical experience in the multi-disciplinary science underpinning radioactive waste management. She has provided expertise and advice to national programmes in the UK, Europe, Japan and North America, often working in international collaborations. Her work has included site characterisation and performance assessment studies, development of repository concepts, natural analogue studies as well as her seminal geomicrobiology research.

Julia also has long experience in advisory groups and committees in the UK and overseas. She has a great interest in the communication of geoscience, lecturing and writing on this topic, particularly in the context of radioactive waste disposal.

Julia is the author/co-author of over 200 articles, scientific papers, book chapters and commercial technical reports.

Current term of office ends: **November 2020**



Janet Wilson is the owner of Touchstone Nuclear Ltd providing strategic advice and support to the nuclear industry.

She has spent the majority of her career to-date working in the nuclear sector (public and private both civil and defence) at senior and executive level as a policy developer, strategic thinker, regulator and most importantly “doer” with an expert interest in areas of organisational development, nuclear safety, security, environment, non-proliferation and policing (armed response).

She is a Chartered Engineer, a Fellow of the Institution of Mechanical Engineers, a Liveryman of the Worshipful Company of Engineers, a Member of the Institute of Directors and has a PhD associated with nuclear reactor safety.

Current term of office ends: **31st May 2019**

Annex C Subgroup Focus and Membership

Subgroup 1: Working With Communities Implementation (4 Members)

Primary tasks

1. Scrutinise implementation of community engagement policy in England and Wales.
 2. To scrutinise RWM's communication strategy.
 3. To report to the main CoRWM Committee to enable the development of advice to Ministers, NDA and RWM.
-

Subgroup 2: GDF Geology and Delivery (4 Members)

Primary tasks

1. To scrutinise RWM's Site Evaluation process.
 2. To scrutinise RWM's continued development of the GDF safety case.
 3. To review the timescale for and cost of site characterisation
 4. To report to the main CoRWM Committee to enable the development of advice to Ministers, NDA and RWM.
-

Subgroup 3: Planning and Regulation (4 Members)

Primary Tasks

1. To scrutinise and advise BEIS on activities associated with prescribing the disposal of radioactive waste as a licensable activity under the Nuclear Installations Act 1965 as amended.
 2. To report to the main CoRWM Committee to enable the development of advice to Ministers, NDA and RWM.
 3. Review and input for sector planning guidance for local authorities for in-situ disposal in England.
-

Subgroup 5: Scottish Government Activities (4 Members)

Primary Tasks

1. To scrutinise the Scottish Government's activities in relation to the management of higher activity radioactive waste (HAW) in Scotland.
 2. To report to the main CoRWM Committee to enable the development of advice to Ministers, NDA and RWM.
-

Subgroup 6: Welsh Government Activities (4 Members)

Primary Tasks

1. To scrutinise the Welsh Government's activities in relation to the delivery of the Implementing Geological Disposal policy in Wales.

2. To report to the main CoRWM Committee to enable the development of advice to Ministers, NDA and RWM.
-

Subgroup 7: Waste, Spent Fuel and Nuclear Materials Inventory Management (4 Members)

1. Keep a watching brief on the storage of radioactive waste, spent fuel and nuclear materials. The subgroup will focus on engagement with the NDA but will also keep an eye on spent fuel and HAW storage in Wales and Scotland.
 2. Provide advice on the approach that the NDA should consider regarding the alternatives to a GDF for the UK's stocks of depleted uranium.
 3. Assess how near-surface disposal could be complementary to a GDF.
-

Annex D Glossary of Terms

BEIS	the Department for Business, Energy and Industrial Strategy
BGS	British Geological Survey
CoRWM	Committee on Radioactive Waste Management
DAERA	the Department of Agriculture, Environment and Rural Affairs
EA	the Environment Agency
GDF	Geological Disposal Facility
GDPB	Geological Disposal Programme Board
HAW	Higher Activity Waste
NIE	Northern Ireland Executive
NDA	Nuclear Decommissioning Authority
NGS	National Geological Screening
NPS	National Policy Statement on Geological Disposal
NRW	Natural Resources Wales
ONR	the Office for Nuclear Regulation
RWM	Radioactive Waste Management Ltd.
SG	Scottish Government
SEPA	Scottish Environment Protection Agency
WWC	Working With Communities (the policy)
WG	Welsh Government