

Programme (Please remember that it is essential for you to bring photographic ID)

09:00 - 09:30	Registration	
09:30 - 09:45	Welcome and opening address	Lynton Simmonds , Interim Managing Director URENCO UK
09:45 - 10:10	Why is it important to focus on delivering a sustainable and fit-for purpose small scale energy supply production?	Prof. Dame Sue Ion
	<ul style="list-style-type: none"> • Learning from today's portfolio of energy assets and projects. • Predicting the real need. How much electricity will be needed in a future with electric vehicles and no gas for heat? • Why is ANT different? What are the drivers for considering different solutions to energy needs? • What does a small scale energy plant need to deliver to a make a proposition "investable?" 	
10:15 - 10:40	Developing and deploying advanced nuclear technologies	Craig Lester , Deputy Director of the Strategy, Engagement & Innovation Team Dept. for Business, Energy and Industrial Strategy
	<ul style="list-style-type: none"> • The Nuclear Sector Deal sets out a clear direction for ANT in the UK. • Why it is important to reduce costs and improve delivery certainty of energy production projects. Comparison to costs of other energy sources e.g. renewables and clarity on government funding. • How the government is enabling engagement and addressing market challenges. • International opportunities. 	
10:40 - 11:10	Refreshment break	
11:10 - 12:40	Exploring design technology usages and possible applications	
	<p>U- Battery Developments Ltd, Stephen Threlfall, URENCO and U-Battery General Manager</p> <p>Westinghouse Electric Company UK Limited, Paolo Ferroni, Fellow Engineer, Advanced Reactor Development</p> <p>Tokamak Energy Ltd, Ross Morgan, Senior Commercial Manager</p> <p>Moltex Energy Limited, Ian Scott, President and CTO</p>	<ul style="list-style-type: none"> • Outline of application. • What are the broad scope of development and demonstration activities needed to commercialise the technology? • Opinion on how long this could take. • Regulatory engagement. • Latest view on "investable" plans and challenges to address.

Advanced nuclear technologies

14 November 2018
URENCO, Capenhurst Court,
Capenhurst, near Chester



12:40 - 13:35	Lunch & exhibition	
13:35 - 13:50	Advanced reactor fuel cycle fabrication and transport packages	David Fletcher , Head of Business Development, URENCO
13:50 - 14:20	Consideration of AMR applications	Ana Gomez-Cobo , Head of HPR1000 Regulation – New Reactors Division, Office for Nuclear Regulation Alan McGoff , Policy Lead for New Nuclear Build, Environment Agency
	<p>Regulators' contribution to the government's framework to support the development and deployment of advanced nuclear technologies:</p> <ul style="list-style-type: none"> • Further improvements to the Generic Design Assessment (GDA) process taking account of learning from previous assessments and by introducing greater flexibility into the process. • An update on the work being done by ONR and EA to get ready to regulate advanced nuclear technologies. 	
14:20 - 14:40	Achieving cost certainty	Nicholas Morris , Project Lead, Key Account Manager, Assystem
	<ul style="list-style-type: none"> • Over 60% of an NPP sits outside the Nuclear Island and this research aims to provide greater cost certainty of the development and deployment of the overall SMR powerplant. • Internal research concept and progress made on modularisation, standardisation and delivery of the Conventional Island and Balance Of Plant for an SMR. 	
14:40 - 15:00	International collaboration	Mark Lesinski , President & CEO, Canadian Nuclear Laboratories
	<ul style="list-style-type: none"> • The vision for advanced reactors and other SMRs. • NRCAN Roadmap. • The importance of international collaboration. 	
15:00 - 15:10	Wrap up and close	
15:10 - 16:30	Site tour for those that have pre-booked which will finish by 16:30.	

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