

High Temperature Reactors for deep decarbonisation: the Polish example

From the Gemini+ research project towards demonstration

Brussels – 25 November 2020

8:45 Introduction: Objective of and Rules for the meeting (Chair - Organizer)			
Opening Session: Policy Perspectives			
9:00 Polish Minister for Climate & Environment M. Kurtyka: COP perspectives for the Energy Transition			
Director-General for Energy D. Juul-Joergensen: The EU Green Deal			
Polish MEP & Vice Chair ITRE Z. Krasnodebski: Implementing the EU Green Deal			
#	Time	Item	Panellist
Panel 1: The Global Picture: the role of nuclear energy in Europe to fight climate change			
1	9:30	Decarbonising Energy: electricity and heat: IEA Reports on Nuclear and Hydrogen (05/2019) Main outcomes of the EU In-Depth Energy Review (06/2020)	L. Varro
2	9:50	Role of Nuclear Energy in decarbonising Europe	Y. Desbazeille
3	10:10	A Member State view: The Polish nuclear programme Large Power Reactors and HTRs	J. Sobolewski
Panel 2: High Temperature Reactor – Technical and Economic aspects			
4	10:30	Main characteristics of HTR - How it works - Safety & waste issues related to HTR	D. Hittner
5	10:50	International Developments of HTR (GIF) HTR for Hydrogen - HTTR	M. Fütterer
6	11:10	Analysis of HTR economics	H. Paillere
Panel 3: Financing HTR in Poland			
7	11:30	Structure of a potential HTR demonstration project in Poland	G. Wrochna
8	11:50	Financing Nuclear Innovation	M. Deffrennes R. Garbil P. Manolatos
9	12:10	Q/A and Concluding remarks	G. Wrochna M. Deffrennes
12:30 - Adjourn			

L Varro is Chief Economist at IEA; Y Desbazeille is DG Foratom; G Wrochna is Vice Minister for Science and Education in Poland; D Hittner is lead expert in HTR technologies retired Framatome; M Fütterer is European Commission Official (JRC) and Chair of the VHTR System in the Gen IV International Forum; H Paillere is Head Planning and Economic Studies at AIEA; J Sobolewski is Plenipotentiary Director for HTR at the Polish National Centre for Nuclear Research and Member of the Euratom Scientific and Technical Committee; M Deffrennes is retired Official European Commission and was leading the Nuclear Innovation NI2050 Initiative at the NEA, R Garbil is Head of Section at DG RTD European Commission, P Manolatos is project officer GEMINI+ European Commission DG RTD