

CV - MARC DEFFRENNES

Education

Ir Civil Mécanicien UCL 1979

Ir Civil en Génie Nucléaire UCL 1980 (predecessor of advanced master in Nuclear Engineering – BNEN)

Professional Career

1981: Cockerill Sambre Steel Plant engineer

1982-1991: Westinghouse

- Systems Analysis and Final Safety Analysis Reports
- Startup Engineer (Tihange 3)
- Simulator Instructor
- Class 2 Radiation Protection Expert for the Westinghouse Service Center Nivelles

1991-2001: European Commission DG Energy

- European Union Phare and TACIS programmes to improve nuclear safety of soviet designed reactors (in Central and Eastern Europe, Russia, Ukraine)
- ISTC – International Science and Technology Centers (Moscow Kiev) to convert the sensitive Russian and Ukrainian nuclear specialist to civil applications
- Secretary of the G-24 (OECD) coordination to help improve nuclear education and training in CIS (Commonwealth of Independent States)

2001-2006: European Commission DG External Relations

- Head of Sector for the implementation of a CFSP (EU Common and Foreign Security Policy) Joint Action to help Russian nuclear and chemical weapons disarmament – reporting directly to the Presidency of the EU
- Non Proliferation and Disarmament expert at G8 level

2006-2009: European Commission DG Research

- Scientific and Project Officer for Euratom Fission Research Programme
- Launched SNEPT in 2007 (Sustainable Nuclear Energy Technology Platform) in the frame of the EU SET Plan (Strategic Energy Technology Plan)
- Set up of Research Cooperation (focus on Education and Training) with Russia (Mephi branch and Rosatom Academy in Obninsk)

2009-2014: European Commission DG Energy

- Participation to the elaboration of the European Nuclear Safety and Waste Directives
- ENEN – European Nuclear Education Network
- Secretary of ENEF – European Nuclear Energy Forum (Prague Bratislava Forum) – Groups Opportunities and Risks

2014-2019: OECD Nuclear Energy Agency

- Senior Expert Nuclear Technology and Economics Division
- In charge of the Nuclear Innovation 2050 (NI2050) Initiative
- Participation to several Working Groups on research and economics of nuclear energy

2019-now: Active Retirement as nuclear expert

- Prof (Nuclear Engineering) at ECAM (High Engineering School Brussels – UCL Woluwe campus) and Member of the Kern of Energy Club ECAM
- Member of the Scientific Advisory Council (WAC) of SCKCEN
- Member of the Belgian Nuclear Society Executive Committee – Liaison with European Nuclear Society
- Secretary International Nuclear Societies Council
- Vice President of Association Sauvons le Climat (FR)
- Member of CA of Association Patrimoine Nucléaire et Climat (FR)
- Founder of weCARE Alliance (we care for clean affordable reliable energy for a sustainable society)
<https://www.wecareeu.org>

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