

Petra Lundström

Vice President, Solar Business Development, Fortum Corporation

Born 13.2.1966 in Helsinki, Finland

M Sc (Technical Physics, Helsinki University of Technology)

Married, 2 children (born in 1997 and 1999)



Petra Lundström is responsible for solar business development in Fortum since 1.1.2012. Her responsibility is to build up a new attractive business based on solar energy in Fortum, a power and heat company with current business activities in Finland, Sweden, Norway, Russia, Poland, and the Baltic countries.

During 2008-2011, Petra Lundström held the position as Vice President, Chief Technology Officer of Fortum Corporation. She was awarded CTO of the Year in Finland in 2012. The CTO has an overall responsibility for research and development activities of Fortum. As the head of the Corporate R&D function, Petra's key responsibilities were to develop the overall R&D vision and strategy of Fortum, to develop and implement the overall R&D process, and to drive Fortum's involvement in various external R&D networks. Longer-term energy technologies and new business opportunities associated with them were also key topics of the Corporate R&D team. During 2005-2007, Petra held the position as Technology Manager of Fortum Corporation with largely the same area of responsibility as the CTO.

2002-2005, Petra Lundström held the position as Manager of the Thermalhydraulics team at Fortum Nuclear Services, and worked extensively with Severe Accident Management solutions for the Loviisa Nuclear Power Plant and in numerous international projects (including EU FWP research and Phare-projects, IAEA and OECD/NEA activities). During her early career 1990-2001, she held positions such as Design Engineer and Chief Design Engineer at IVO / Fortum nuclear engineering units focusing on hydrogen management in severe accident situations. She worked as a visiting researcher at University of California, Santa Barbara 1992 -1993 on assignment from Imatran Voima Ltd.

Memberships of key professional bodies and board positions:

- Member of Board of VTT Technical Research Centre of Finland 2013 -
- Member of Technology Academy Finland 2012 -

- Member of LYTT, independent nuclear safety oversight committee for Fortum Loviisa nuclear power plant 2009 -
- Member of Research and Technology committee of Confederation of Finnish Industries (EK) 2008 - 2012
- Member of Board of AW Energy Oy (wave power development company) 2007 - 2012
- Member of the Elforsk Board, Sweden 2006-2012
- Member of the Advisory Board to VTT Forest and Energy research clusters 2006 – 2012, Chairman of the Advisory Board 2009-2012
- Member of Board (Deputy Chairman) of Cleen Oy (Strategic centre for science, technology and innovation in energy and environment in Finland) 2008 – 2011 during the start up phase of Cleen
- Member of the Eurelectric R&D Working Group 2005-2011
- Member of Steering Group of Finnish national programme for nuclear power plant safety research (FINNUS) 1998 - 2002
- Member of Reference Group of NKS/RAK Joint Nordic Research Programme in Reactor Safety 1994 – 1998
- Member of the Board of the Finnish Nuclear Society 1993 – 1995

Petra Lundström has participated in several international panels for evaluation of energy research, e.g. at VTT (2007, 2009) and Uppsala University (2007).