

## *CURRICULUM VITAE*

### **Ms. Mari Pantsar**

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 Finland  
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 email.: [mari.pantsar@sitra.fi](mailto:mari.pantsar@sitra.fi),  
 Born: January 10<sup>th</sup>, 1969

### **EDUCATION AND TITLES**

2012 Adjunct Professor, Cleantech Chemistry, Lappeenranta University of Technology, Finland  
 2003 Adjunct Professor, Environmental Chemistry, University of Helsinki, Finland  
 1997 Doctor of Philosophy (Ph.D), University of Helsinki, Faculty of Science, analytical chemistry  
 Grade: excellent knowledge  
 1993 Master of Science (M.Sc), University of Helsinki, Faculty of Science, analytical chemistry  
 Grade: excellent knowledge

### **EMPLOYMENT**

2014–present

Finnish Innovation Fund Sitra

#### **Director, Carbon-neutral circular economy**

Finnish Innovation Fund Sitra is an independent future-oriented fund reporting to the parliament of Finland. Dr. Pantsar leads one of the Sitra's main themes: carbon-neutral circular economy and is a member of Sitra's management team. The target of the carbon-neutral circular economy theme is to increase Finland's cleantech and circular economy business which has export potential, and to improve the competitive ecological sustainability of the country. The theme also aims at advancing circular economy and climate solutions related education and research in every school level in Finland.

The theme includes four main projects: the circular economy in Finland, Finnish climate solution, sustainable everyday life and the World Circular Economy Forum. The annual budget of the theme is approximately 15 million euros. In addition, the work includes evaluating some of the investment targets of Sitra.

Among other achievements, Dr. Pantsar has led projects for establishing the Climate Leadership Coalition of Finland and the Metropolitan Smart & Clean project, brought the circular economy concept to Finland in 2014, coordinated the preparation of Finland's road map towards the circular economy, and created carbon risk and climate change risk analysis tools for companies.

In 2018 Sitra was selected the best public sector organization promoting circular economy (World Circulars Award) by the World Economic Forum (WEF) and Global Young Leaders in Davos. Dr. Pantsar has also succeeded in creating extensive international networks for Sitra.

2012–2013

Ministry of Employment and the Economy

#### **Strategic Director, Finnish Government's Strategic Programme for the Cleantech Business**

Dr. Pantsar led the Finland's government's cleantech strategy programme under the supervision of the Economic Council of Ministers. The work was to coordinate the division of labour between different ministries in the field of cleantech business development to improve the operating environment of the cleantech companies in Finland. The position included reporting to the minister of the economic affairs and the permanent secretary of the ministry.

Among other achievements, Dr. Pantsar led the preparation of the Finnish government's decisions in principles for 1. innovative public procurement and 2. Finland – the Superpower in Cleantech business. As a result, cleantech business development has remained among the top priorities in Finnish governments' programmes.

2007–2012

Lahti Science and Business Park Ltd

#### **Director, Finnish Cleantech Cluster; also Deputy Managing Director**

Lahti Science and Business Park was a regional development company owned by city of Lahti and neighbouring regions. It was tasked to enhance technology and business development in the region and nationally. The company was also mandated to lead the Finnish Cleantech Cluster as a part of Finland's government's centre of excellence- programme.

Dr. Pantsar's work was to lead the Finnish Cleantech Cluster where the main players were: over 300 companies, universities and polytechnics, investors and four regions including the metropolitan area, Lahti,

Oulu and Kuopio. The cluster created, for example, the Cleantech Venture Day concept as a European meeting place for start-ups and investors. Dr. Pantsar also acted as the Chairman of the Finnish Environmental Cluster for China (with over 200 companies) and Cleantech Clusters for Russia. Dr. Pantsar was also the deputy Managing director of the company.

One of the main achievements was the Finnish Cleantech Cluster's nomination as the 3<sup>rd</sup> best cleantech cluster globally in cleantech clusters benchmark in 2011.

2000–2007

UPM-Kymmene Plc

**Manager of Environmental Affairs and other managerial positions**

Dr. Pantsar acted as a manager of UPM-Kymmene's global environmental analyst team (2006-2007). Prior to that (2000-2006) she acted as an environmental specialist and was responsible for environmental matters of UPM Land Use Department. Dr. Pantsar was also responsible for environmental due diligences in M&As as a part of UPM's M&As-team. She also led UPM's, as well as the Confederation of European Paper Industries' (CEPI), preparation for the European Chemical's Act, REACH.

2000

Consulting Engineers Paavo Ristola Ltd,

**Executive Research Scientist**

Consulting Engineers Paavo Ristola Ltd was the biggest environmental consulting company in Finland. It employed about 110 people. Dr. Pantsar was responsible for environmental risk analyses and risk management of the customer projects. She acted also as a quality manager of the laboratory.

As one of the achievements the laboratory of the company received an accreditation for environmental analyses.

1998–2000

University of Helsinki, Department of Environmental and Ecological Sciences, Lahti, Finland

**Lecturer of Environmental Chemistry**

The work included development of basic education and research of environmental chemistry and supervising the instrumental analytical research of master's and doctoral level students.

**CURRENT TASKS OF TRUST:**

Since 2019 International Institute for Sustainable Development (Canada), Member of the Board of Directors  
 Since 2019 Solwers Oy, Member of the Board of Directors  
 Since 2016 Helsinki Metropolitan Smart and Clean Foundation, Member of the Board  
 Since 2016 Fortum, Member of the Advisory Panel of Stakeholders  
 Since 2015 Climate Leadership Council, Secretary of the Board  
 Since 2013 Clean Energy Ambassador of C3E Clean Energy Ministerial  
 Since 2010 Northern Dimension Business Council, Cleantech Group, Co-chairman

**PREVIOUS TASKS OF TRUST**

2010-2019 Ahlström Capital Cleantech Management Ky, Member of the Board of Directors  
 2016-2018 Tampere University of Technology Foundation, Member of the University Board  
 2014–2016 Mediatalo Esa Ltd, Member of the Board of Directors  
 2015-2016 S-Group, Member of the Advisory Panel of Sustainability Affairs  
 2014–2015 Koli Forum Association, Board of Directors  
 2013–2014 Finnish Water Forum, Chairman of the Board  
 2010–2015 International Advanced Water Technology Centre (St. Petersburg), Board of Directors  
 2013–2014 Finnish Energy Club for Russia, Chairman of the Board  
 2012–2013 Motiva Services Ltd, Board of Directors  
 2009–2013 Cleantech Finland, Management Board  
 2008–2012 Wiser Ltd, Board of Directors  
 2007–2010 Ramboll Analytics Ltd, Board of Directors  
 2008–2011 Lake Vesijärvi Foundation, Negotiation Committee  
 2007–2011 Helsinki University Centre for Environment, Negotiation Committee  
 2006–2007 Finncao Ltd, Board of Directors  
 2002–2003 Neopoli Ltd, Technology Centre, Board of Directors

**SOME MEMBERSHIPS IN INTERNATIONAL AND NATIONAL HIGH-LEVEL WORKING GROUPS**

Since 2018-	University of Helsinki Alumni Association Delegation
Since 2017-	EU Commission's Support to Circular Economy Financing Expert Group
Since 2016-	Natural Resources Institute of Finland, Stakeholder Advisory Board for Biosociety
Since 2016-	National Bioeconomy Panel
Since 2016-	National Sustainable Development Committee
Since 2016-	National Countryside Policy Committee
Since 2016-	Negotiation Committee for Real Estate and Construction Forum (KIRA)
2018	National Traffic Policy Working Group
2015	Clean Energy Ministerial, External Advisory Panel
2011- 2013	Clean Energy Ministerial, Sustainable Cities, Advisory Group
2008–2012	Finnish Environmental Cluster for China, Chairman
2006–2007	Confederation of European Paper Industries (CEPI), Environment Committee
2005–2006	EU Commission's REACH Implementation Project 3.8, Stakeholder Expert Group
2005–2006	EU REACH Alliance (i.e. 12 European industrial sectors), Shadow group 3.8
2005–2006	EU REACH Alliance Shadow Group 3.2.2
2005–2006	EU Commission's REACH Implementation Project 3.10, Industry Expert Group
2005–2006	Confederation of European Paper Industries (CEPI), Environmental Committee Advisory Group
2004–2006	Confederation of European Paper Industries (CEPI), REACH Issue Group, Chairman
2003–2006	Confederation of European Paper Industries (CEPI), Waste Policy Group

**LEADERSHIP COURSES:**

2017	Board Professionals, Chamber of Commerce, Finland
2015	Sitra Sustainable Financial Policy Course
2014	Energy Academy of Finland
2013	Media Skills, Ministry of Employment and the Economy
2013	National Defence Course
2004, 2007	UPM Media Skills
2002–2003	UPM Talent, Leadership Course for Future Talents

**LANGUAGE SKILLS:**

Finnish, English, Swedish