

## PERSONAL INFORMATION

## Kari Poikela



 Tietokatu 6, 94600 Kemi (Finland)

 +358 50 435 8283

 kari.poikela@digipolis.fi

 [www.digipolis.fi](http://www.digipolis.fi)

Sex Male | Date of birth 1977 | Nationality Finnish

## WORK EXPERIENCE

09/2017–Present

## Project Director - The Circular and Bioeconomy Centre

Kemin Digipolis Oy, Kemi (Finland)

<https://www.sitra.fi/en/projects/competence-training-centre-industrial-symbiosis-kemi-tornio/#what-is-it-about>

In the Finnish roadmap to a circular economy, drawn up in 2016, Sitra named the industrial circular economy innovation platform led by Kemin Digipolis Oy as one of the key projects of the road map. The project concerns the establishment of a competence and training centre for industrial symbiosis in Kemi-Tornio. The aim is to spread this regional model for an industrial circular economy throughout Finland by creating a national network of eco-industrial parks to enable greater co-operation. At the same time, the project will boost training and competence in the industrial circular economy nationwide.

The establishment of the competence centre is a logical continuation of the work carried out by Kemin Digipolis Oy on the promotion of the circular economy. The Digipolis expert team on the industrial circular economy is available for use by the competence and training centre for industrial symbiosis.

05/2011–08/2017

## Cluster Programme Manager – Industrial Services Development Program

Kemin Digipolis Oy

Tietokatu 6, 94600 Kemi (Finland)

[www.digipolis.fi](http://www.digipolis.fi)

Previously I worked as a programme manager in Arctic Business Concept -project, which is development project of mining and industrial services in co-operation with process industry and mines in Lapland. Previously I managed two projects, Arctic Business Design and By-products of Arctic Industry, including customer-oriented development programme which activates and supports development of the northern industrial competence and industrial service business competitiveness. In addition, I am manager in Lapland Arctic Industry and Circular Economy Cluster, EU's EIP (Entrepreneurship and Innovation Programme) Smart Cities Commitment Task Force Leader in Circular Economy- group and ECO's (European Cluster Observatory) The Model Demonstrator Region Lapland –project leader.

Business or sector Innovation and business development

08/2006–04/2011

## Operative Manager

Elker Oy, Helsinki (Finland)

My responsibilities in Elker were all waste electrical and electronic equipment (WEEE) collection and recycling operations and contractual issues in collaboration with the CEO. The task included the entire supply chain logistics management, fleet optimization from the acceptance points for transport control, through the WEEE treatment. Operational network comprised approx. 350 reception points, about 10 hauliers as well as six treatment operators. In my working years, I have rationalized the collection and processing of the network significantly, for example, the number of processors was reduced to current from approx. 30 operators. In addition to recycling chain management practice, I was responsible for reporting of the collected and recycled WEEE quantities and invoicing control of the waste quantity and quality. Reporting responsibilities also included the annual reporting to the environmental authorities with regard to recycling and quantities. I have excellent operational chain of cost-effectiveness and overall operational performance improvement history.



- 01/2006–08/2006 **Project Manager**  
Tervatulli Oy, Oulu (Finland)  
My responsibility in Tervatulli Ltd was WEEE handling and other recycling sector business unit tasks. I was supervisor of the unit, approx. 15 employees. I was responsible for the construction and completion the ISO 14001 environmental certification, as well as system maintenance tasks. In addition, I was International Affairs Coordinator in Sytrim project (national recycling social enterprise development). From Tervatulli I was recruited as Elker's operations manager.
- 09/2005–12/2005 **Researcher**  
University of Oulu, Education and Research (KOTU) and the Department of Industrial Engineering, Oulu (Finland)  
I worked as a full-time researcher in Sytrim project and in Maasta markkinoille project II. In December, I conducted electric and electronic waste collection network modeling and enhancement of the Oulu region -study, which was commissioned by Elker and Tervatulli. Then from KOTU I was recruited to work in the study's second subscriber, Tervatulli Ltd's payroll. In Department of Industrial Engineering my work was developing quality systems in primary production. Systems included quality, environmental, occupational health and safety courses, as well as self-assessment.
- 11/2004–06/2005 **Thesis worker / researcher**  
University of Oulu, Process and Environmental Engineering, Oulu (Finland)  
My thesis was made as part of a multi-cultural project team, whose working language was English. After the completion of the thesis, I continued as a researcher in the project. For example, giving lectures and presentations of research results in two international seminars.
- 08/2004–10/2004 **Exercise teacher**  
Northern Ostrobothnia vocational school  
I worked as a part-time sports teacher for education students, while studying in university
- Production worker**  
Stora Enso Oyj, Kemi (Finland)  
Oulu and Kemi factories, summers 1996, 1998, 1999, 2000, 2001, 2002 and 2003. A variety of production tasks for Stora Enso's paper mill in Kemi, Veitsiluoto and in Oulu, Nuottasaari mill, sheeting plant.

## EDUCATION AND TRAINING

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- 1998–2005 **M. Sc. (Tech)**  
University of Oulu, Oulu (Finland)  
Faculty of Technology, Department of process and environmental engineering, Industrial Engineering (Major)  
Thesis: Utilization of industrial waste in Oulu region and new business opportunities. Grade Excellent – Part of RESOPT (Multidisciplinary consortium for resource use optimisation) –project funded by Ministry of Environment.
- 1993–1996 **Student**  
High School of Kemi
- 2010  
Economics. Three-day course to gain more in-depth knowledge and financial management capabilities.



PERSONAL SKILLS

Mother tongue(s) Finnish

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Swedish	C1	C1	C1	C1	C1
German	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
 Common European Framework of Reference for Languages

Digital skills MS Office (Word, Excel, PowerPoint, Project, Outlook)

ADDITIONAL INFORMATION

**Articles** Roope Husgafvel, Kari Poikela, Juha Honkatukia, Olli Dahl. Development and Piloting of Sustainability Assessment Metrics for Arctic Process Industry in Finland - The Biorefinery Investment and Slag Processing Service Cases. Journal of Sustainability. Article ID Sustainability 2017, 9(10), 1693; <https://doi.org/10.3390/su9101693>, 16 pages

Ylä-Mella J, Poikela K, Lehtinen U, Tanskanen P, Keiski R.L. and Pongracz E. (2014) Overview of the WEEE Directive and its implementation in the Nordic countries. National realisations and partices. Journal of Waste Management. Article ID 457372, 18 pages

Poikela K, Pongracz E & Lehtinen U (2005) Business potential from waste in the Oulu environmental cluster. In: Pongracz E (ed.) (2005) Waste minimization and utilization in Oulu region: Drivers and constrains. Proc. RESOPT closing seminar June 17, 2005, University of Oulu. Oulu University Press, Oulu. pp. 135 - 144

Ylä-Mella J, Poikela K, Lehtinen U, Keiski R and Pongracz E (2014) Implementation of Waste Electrical and Electronic Equipment Directive in Finland: Evaluation of the collective network and challenges of the effective WEEE management. Resources Conservation and Recycling. 86 (May 2014) 38-46

**Scholarships** Technology Promotion Foundation Scholarship in 2006.

**Hobbies** My free time is spent with the family biking and skiing. I get my energy from nature and cottage holidays. I am a Lions member.

**Military service** Corporal, Lapland Border Guard, Ivalo 01/1997 – 12/1997.

**Recommenders** CEO Sakari Hietala Elker Ltd, Contact: tel. 050 543 2643 and e-mail [sakari.hietala@elker.fi](mailto:sakari.hietala@elker.fi)

CEO Liisa-Marie Santakoski Recser Ltd, Contact: tel. 050 528 7685 and e-mail [liisa-marie@recser.fi](mailto:liisa-marie@recser.fi)

Environmental manager, Marja Ola, The Association of Finnish Technical Traders, Contact: tel. 050 383 7711 and e-mail [Marja.Ola@tekninen.fi](mailto:Marja.Ola@tekninen.fi)

