

## CURRICULUM VITAE

**Kai Henrik Väinö WARTIAINEN**

born 8 March 1953 in Helsinki, Finland



Architect Kai Wartiainen is active in Sweden and Finland. From 1997 to 2006 he was the professor of Urban Design and Town Planning at the KTH Royal Institute of Technology in Stockholm. Professor Wartiainen is responsible for several widely published and award-winning projects such as the High Tech Center in Helsinki winning the European Award for Steel Structures in 2003 and Katscha Housing receiving the best residential development award in MIPIM, Cannes 2016. Recently the focus has been on creating and participating in development projects.

### Language skills

Finnish, Swedish, English.

### Education

1981 Master of Architecture, Helsinki University of Technology  
Qualified architect in terms of directive 384/85/EEC  
Registered Architect (ARK 696)  
Registered Town planner (YKS 237)  
1973-75 Studies in the Helsinki University of Industrial Arts and Design

### Grants and prizes

2016 Swedish Architectural Prize for best housing project  
2016 MIPIM Award, Best Residential Development  
2003 European Steel Design Award  
1997 European Steel Design Award  
1996 The Finnish Steel Construction Prize  
1994 Reima Pietilä Prize  
1993 Iakov Chernikhov International Foundation Prize

### Practice

2011- arkitektur+ development ab, Stockholm  
2010- Evata Development AB, Stockholm  
2004-10 Evata, Helsinki, Creative Director, partner  
1989-2009 Ajö Tristess Arkitekter, Stockholm, Sweden, partner  
1973-2003 Arkkitehtitoiminta Oy (Wartiainen Architects)

### Teaching positions

1997-2006 Professor in Town Planning and Urban Design, Royal Institute of Technology (Stockholm, Sweden)  
1988-89 Professor (provisional) in Urban Planning and Design, Helsinki University of Technology, Faculty of Architecture  
1987 Tampere University of Technology, Department of Architecture, lecturer in contemporary architecture  
1982-86 Helsinki University of Technology, Faculty of Architecture, lecturer in architectural history

## Positions of trust

1995	UIA International Union of Architects WG "Architecture of the Future", representative for UIA Region I (Europe)
1995	The European Pilot Project for Evaluating Quality in Higher Education, member of the National Committee
1995	Member of the Finnish Art Council
1988-92	Deputy member of the Helsinki City Planning Commission
1986-88	Member of the Helsinki City Building Commission

## Ongoing projects

**2016-** Initiative and concept for reorganization of Eliel square in front of Helsinki Central Railway Station. Approximately 2 hectares of land is made vacant for building by the relocation bus station. The building start is 2025 as result of the international architecture competition in 2022.

**2020-** Svanen 5 Parking, 16 000 sqm in 6 story parking house for 600 cars.

**2019-** Mauritzberg guest rooms, outside Norrköping, building permit 2019, building start 2023.

## Architectural competitions

Since 1981, 50 Prizes in Finnish and Swedish architectural competitions

## Prizes in International Competitions:

Valencia Football Stadium, Valencia Spain 1<sup>st</sup> Prize (2006)  
EcoLogis96, an ecological house, Paris, France, 1st Prize (1996)  
Museum of Modern Art, extension, Stockholm, Sweden, purchase (1991)  
Husarviken Urban Refurbishment Competition, Stockholm, Sweden, purchase (with Jan Verwijnen, 1988)  
Holmen Industrial Area, Norrköping, Sweden, Nordic competition, 1<sup>st</sup> Prize (1987)  
Warsaw Confrontation -86, Warsaw City Centre refurbishment, member of team, 2nd Prize (1986)  
Arctic Centre, Rovaniemi, Finland, 3rd Prize (1984)



## Selected Works Industry

Tjugan, office and workshop, Norrköping (2018-21)  
Santasalo Gears, new offices, Karkkila (1995-96)  
IVO, Area Control Facility of Power Distribution, Imatra (1992-93)  
Roihupelto Concrete Mixing Plant, Helsinki (1990-91)  
Santasalo Gears, factory and offices, Karkkila (1990-91)  
VTT Testing Facility 2, Otaniemi (1986-89)  
Tampella-Inkeroinen Paper Mill, Anjalankoski (1981-84)

## Housing

Garvaren, housing, central Norrköping, 48 flats, 1<sup>st</sup> prize ((2017-20)  
NCC Space Frame, condominium & row house for Malmö housing exhibition Bo01, (2001)  
Ecolibrary, summer house, Loppi (1997)  
Ahjo Housing Area, experimental building plan, Kerava (1991-92)  
Living Machine 1, skyscraper project in Helsinki (1990)  
Rinne Koti housing for handicapped, Espoo (1987), Nurmijärvi (-90)  
Petosenmutka Social Housing, Kuopio (1986-90)

## Commercial and Office Buildings

Tjugan offices & workshops, Norrköping (2017-2020)  
Värtanterminalen, pre-study, Stockholm harbor 2010  
High Tech Centre Lahti, office blocks (2000-03)  
New Helsinki Harbour, Logistic Center, Gate Tower passenger terminal for new Helsinki harbor, (2006-2008)  
High Tech Centre Helsinki, five office blocks (1999-2001)  
Grani Shopping Centre, Kauniainen, (1998-2001)  
Telecom Finland, office refurbishments, Helsinki (1994-2000)  
Kymi Kymmene Main Office, conversion, Helsinki (1984)  
Oy Danfoss Ab, Headquarters and Storage, Espoo (1984)  
SKF Headquarters and Storage, Espoo (1983)



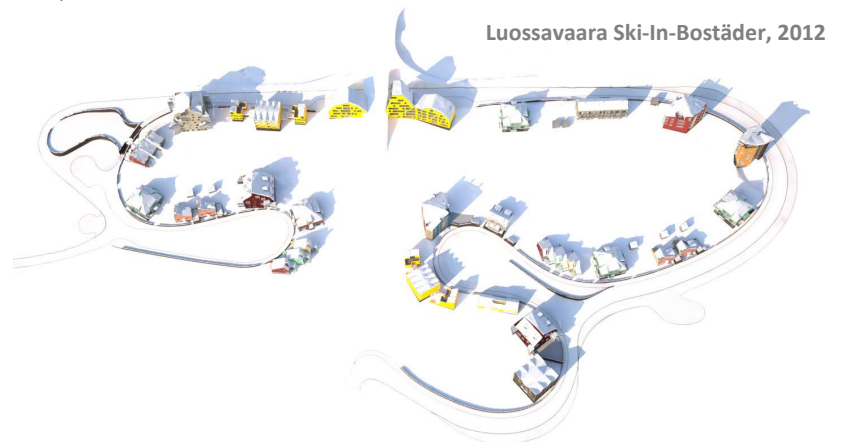
Värtanterminal förslag 2010

## Public Buildings

Toranda Arctic Oasis, indoor beach with 500 hotel rooms, project (2015)  
Real Madrid Basket Arena, 17 000 seats, prestudy (2010)  
Isabeg Ski-Lab, indoor skiing, spa, hotel etc. project (2008)  
Laboratory of Physical Education, University of Jyväskylä, preliminary designs, project (2000)  
Villa Arabeski, re-use for multimedia education, Helsinki (2001)  
GolfTalma, Golf Club and utility buildings, Sipoo (1990, 2001)  
Government Office Building renovation, Pasila (1998-2001)  
Arabianranta Elementary School, Helsinki (1998-2001)  
Akseli Gallen-Kallela Museum, refurbishment (1996-97)  
EcoLogis Pavillion, Parc de la Villette, Paris, France (1996)  
Media School, re-use of industrial spaces (1995)  
Högfors City Hall and Library, Högfors (1991-92)  
Norrköping City Hall Extension, project (1990)

## Town Planning

Gällivare City Move, relocation of central services in an arctic mining town (2010-2014)



Ski-in-housing Luossavaara, Kiruna (2012)  
Villa 2000, ecological house for the Finnish Housing Expo,(1998-2000)  
Siuntio land use strategy (2003, updated 2012)  
Skaftkärr, Energy efficient housing area, Porvoo (2009)  
K2 Vantaa 2015, visionary plan for land use, City of Vantaa (2002)  
Aurinkolahti Canal Blocks, idea plan, Helsinki (2000)  
Pihlajistonkuja workplace area, guidelines for town plan, Helsinki (2000)  
Hippos 2020, long term vision for land use, Jyväskylä (2000)  
Puolarmetsä Area General Plan, Espoo (1999)  
Pasila machine Shop Area, preliminary studies for town plan, Helsinki (1999)  
Amusement Park in Oittaa, strategic plan, Espoo (1998)  
Keilaniemi Area development plan, Espoo (1996-97)  
Kuparivuori land use plan, Naantali (1996-97)  
Ecological Recreational Houses, general plan, Vihtijärvi (1994)  
General Plan for part of South-Eastern Siuntio (1994)

Pitäjänmäki Railway Station Area, land use plan, Helsinki (1994)  
Veikkola Village Neighbourhood Plan, Kirkkonummi (1993)  
Sundsberg Housing and Industrial Area, Kirkkonummi (1993)  
Vuohimäki Industrial Park, Kirkkonummi (1992)  
Naantali Harbour Area, land use plan (1991)  
Finspång, Sweden, Central housing area plan (1991)  
Asemaranta Housing Area, proposal for a town plan. Högfors (1989)  
Holmen Area, Norrköping, Sweden. Plans for re-use of an industrial area (Stockholm, Sweden, 1988-92)  
Espoo-92, Free Time Exhibition, preliminary plan, Espoo (1989)  
Crown Castle Ehrensvärd, area planning, Sveaborg, Helsinki (1985)  
Kivikko North, structural models for a housing area, Helsinki (1985)  
MeilahtiRajasaari-Hietalahti, land use planning, Helsinki (1983)

## Research and Development

Defining Criteria for Building Permits and Ecological Building Experiments in Viikki, Helsinki (1997)  
Conceptual development of Pasila Office Centre (1997-8)  
Rautaruukki Panel, a steel façade system (1997)  
LYRA - Traffic and Urban Structure in 2010, Ministry of the Environment, Ministry of Communication (1993-94)  
Visions of Traffic and Land Use, Finnish Road Administration (1994)  
Industrial Ecological Building, pre-study (1993-94)  
Intelligent Manufacturing Systems, New Factory Concepts (1993-95)  
Integrated Photovoltaic External Wall (1994-95)  
Ecological Toilets in Cities, Ministry of the Environment (1992)  
Högfors Project, refurbishment of industrial community (1988-90)



## Design

Workspace-module, effective landscape office, project for Telecom Finland, 1996  
CAD Work Station, project (1995), prototype for the exhibition "Design for Architecture" in Helsinki and Jyväskylä, 1995  
Ines Chair, concept for Artek, 1988