


PERSONAL INFORMATION

Maija Krizmane

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Date of birth 28/02/1989

WORK EXPERIENCE

06/2016–Present

Sustainable building engineer, head of design team

CMB LTD, Riga (Latvia)

- consulting in different construction project stages on sustainable and energy efficient solutions;
- analysing energy efficiency of existing buildings and consulting on energy efficiency improvement measures;
- evaluating existing conditions of HVAC systems, buildings, territories and creating potential development solutions;
- preparing design briefs and design and build specifications at early project stages;
- leading the design team of 30 professionals;
- coordinating architect, structural engineering and MEP teams;
- following through the design process from tendering till final deliverables.

03/2014–Present

BUILD UPON project expert, associated member

Latvian Sustainable Building Council (LSBC), Riga (Latvia)

- coordinating and carrying out the work under BUILD UPON project related to enhancing the development of renovation strategies of the EU countries;
- developing masters study program on sustainable building;
- ensuring the communication between LSBC and international partners consulting on different issues and topics including education, advocacy and general management.

11/2014–Present

Researcher

Riga Technical University, Riga (Latvia)

- working on STEP UP project regarding smart and sustainable cities and leading the part on Implementation plan for introducing sustainable activities;
- representing the university in conferences and seminars;
- teaching sustainable development principles.

10/2014–07/2015

Senior Expert

Ministry of Environmental Protection and Regional Development, Riga (Latvia)

- planning and organizing the work of Climate Change department regarding international climate change negotiations during the Latvian Presidency of the EU;
- organizing and leading the relevant EU internal and external meetings;
- preparing the necessary documentations and ensuring transparency among EU member states in their delivery.

07/2013–07/2014

Research Fellow

US Green Building Council, Washington (USA)

- conducting research on efficient energy production and distribution, potential for energy storage and renewable

energy production on different levels and scales based on LEED certified building data;

- analysing EU legislation, strategies and initiatives on energy efficiency and technologies and creating and updating a database of the current state;
- actively communicating and interacting with R&D team towards creating state of the art online information system Green Building Information Getaway (GBIG);
- contributing to news platform by writing, analysing and responding to the latest activities of the team or the built environment professionals on <http://insight.gbig.org/author/mkrizmane>.

01/2013–07/2013 Combined Heat and Power (CHP) Engineer

UPB Energy, Liepaja (Latvia)

- designing specific CHP projects and choosing adequate components for the systems;
- organizing and elaborating executive documentation for CHP stations, providing system and templates for future projects;
- ensuring communication between clients, partners and development team in order to meet and exceed clients 'expectations';
- creating testing strategy for CHP stations and performing the tests.

03/2011–08/2011 Energy Management Assistant

CEREB - Center for Efficient and Renewable Energy in Buildings, London (United Kingdom)

- analysing the performance of the energy systems;
- attending education and built environment conventions and presenting the center;
- improving the website of the center <http://www.cereb.org.uk/>; establishing contacts with potential collaboration partners; designing and formatting of marketing materials;
- carrying out research on the performance of renewable sources in various state-of-the art buildings of London;
- organizing and leading conferences, seminars and lectures.

07/2010–09/2010 Technician of Heat and Power

JSC Riga's Siltums, Riga (Latvia)

- calculating heat losses and building costs of district heating systems of potential projects and evaluating their accordance to the annual repair plan;
- preparing the documentation and materials for training program for subcontractors;
- participating in annual inspections of individual heat exchanging units.

EDUCATION AND TRAINING

09/2013–Present PHD Studies in Heat, Gas and Water Institute

Riga Technical University, Riga (Latvia)

Topic of dissertation "Development of sustainable criteria for accessing the built environment processes"

The goal of dissertation is to provide an assessment and design tool that allows designing energy efficient buildings with healthy indoor environments and serves as a benchmarking tool for built environment in Latvia.

09/2007–07/2012 M.Sc. of Heat, Gas and Water Technology

Riga Technical University, Riga (Latvia)

Main subject included heating and heat supply (heat sources, distribution efficiency, storage, efficient systems); ventilation and air conditioning (cooling systems and efficient solutions); alternative energy sources.

Bachelor thesis "Potential of Micro-CHP implementation in Latvia"

Master thesis "Maintaining the temperature of small scale CHP stations"

10/2011–07/2012 Exchange studies

Technical university of Munich, Munich (Germany)

Main subjects included European mega-city regions (infrastructure and communications in major European cities); building performance modelling and simulation; sustainable development (financial and strategic tools of Germany and Europe in energy sector, sustainability principles); international water rights and politics and energy economics and hydro-power (comparing different energy supply and production methods and analysing energy strategies of different countries).

PERSONAL SKILLS

Mother tongue(s) Latvian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
German	B1	B1	B1	B1	B1
Russian	B2	B1	B2	B2	A1

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

Communication skills

- comfortable and experienced in leading discussions, presentations and seminars in the field of energy and sustainable development;
- easy to get acquainted with the professionals of the field and I always look for collaboration possibilities;
- strong background in sustainable energy topics, therefore I can freely discuss any related issues and express my opinion;
- generally very friendly and responsive.

Organisational / managerial skills

- open for challenges and adapt easily to new duties;
- accept critics and suggestions, analyse my performance and improve the existing processes;
- set a goal and work towards reaching it whilst motivating others in my team;
- team player, however ready to take individual tasks in order to ensure maximum productivity.

Job-related skills

- knowledge and experience in various aspects of energy sector not only at work but also studies and research;
- contacts and experience in international environment;
- knowledge on up to date construction sector policies and strategies;
- long term international work and study experience, that allows easy communication with international partners as well as allows freely discussing and expressing my opinion, when representing my organization;
- innovative ideas, pragmatic, but creative approach to my work and field in general;
- LEED Green Associate certificate
- BREEAM international New Construction

Computer skills

- skills and experience in MS Office, MS Windows, AutoCAD and internet environment;
- different data analysis experience, mainly in MS Excel environment;
- experience with creating and improving websites and databases;
- ability to quickly find qualitative examples of sustainable practices in internet environment, in order to emphasize a discussion or topic.