

DIPL.-ING. DR. TECHN. ERNST FLEISCHHACKER

Personal Information



FEN Sustain Systems GmbH

CEO

Date of birth: 06/12/1955

Nationality: Austrian

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<http://www.fensystems.at/>

<http://www.ressourcenmanager.at/>

<http://www.nachhaltigkeit.or.at/>

Education and Training

1970-1974

1974-1979

1980-1983

Meinhardinum Stams (high school)

Diploma programme Civil Engineering, University of Innsbruck

Degree: Dipl.-Ing.

Doctoral programme Civil Engineering, University of Innsbruck

Dissertation "Problem-Oriented Methodology in Execution of Construction Work"

Degree: Dr. techn.

Professional Experience

1980 - 1984

University of Innsbruck: assistant professor at the Department of Construction and Construction Industry (Baubetrieb und Bauwirtschaft)

1980 - 1984

Bilfinger und Berger Munich and Mannheim: freelancer for work preparation subway Munich, foreign projects Nigeria, Iraq, Indonesia

1984 - 1997

TIWAG – Tiroler Wasserkraft, Construction Department in economic matters: head of department, authorized representative, technical employee, co-responsible for the building management of the hydroelectric power stations Draukraftwerk Strassen-Amlach (Osttirol), KW Urgbach (Oberinntal), KW Heinfels (Villgratenbach), KW Leiersbach (Ötztal), KW Sidan (Zillertal), KW Leibnitzbach (Osttirol), KW Schmirnbach (Wipptal), KW Langkampfen (Kufstein), co-author of the Tyrolean water supply concept 1990, the Tyrolean energy concept 1992 and the water management concept for Tyrol 1997, project manager for the water supply and water management concept for Tyrol, the spring water and ground water cadaster for Tyrol, large source hydrogeology projects Erl, Vomp, Jenbach, Haiming, etc.

1984 - 1997	<p>Austrian Water and Waste Management Association (Österreichischer Wasser- und Abfallwirtschaftsverband): member of team of specialists for water resources and water conservation, drinking water supply committee</p> <p>Austrian Standards Institute (Österreichisches Normungsinstitut): collaboration in the general technical standards committee FNA 015 Contracting and single standards</p> <p>Association of Austrian Electricity Companies (Verband der Elektrizitätswerke Österreichs): construction committee and committee for drinking water supply in Austria</p>
Since 1999	<p>Generally sworn and judicially certified expert (Allgemein beeideter und gerichtlich zertifizierter Sachverständiger) for calculation, awarding and contracting, construction and billing</p>
1998 - 2001	<p>Connect Austria - One: overall project responsibility for the implementation of UMTS – the third mobile service provider in Austria, project leader in the construction of the third GSM-mobile network in Western Austria and for the NOKIA Turnkey project for Austria</p>
2001 - 2003	<p>TIWAG – Department of Water Economics: commissioned with the founding of Wasser Tirol – Wasserdienstleistungs-GmbH</p>
2003 - 2014	<p>Wasser Tirol – Wasserdienstleistungs-GmbH: CEO and spokesman of the company</p>
1980 - 2010	<p>University of Innsbruck: lectures on chapters of construction industry, project management, tender and contracting, energy and environment, resource management and research related to system analysis, problem-oriented methodology, resources, energy, processes and technologies</p>
Since 2013	<p>Fleischhacker Ernst u Mitges. GesBR: managing partner, photovoltaic company</p>
Since 2014	<p>FEN Sustain Systems GmbH: managing partner strategy-, project- product development, quality management, dissemination, education</p>
Since 2016	<p>Green Energy Center Europe: founder, chairman Codex-Group, private initiative of local and global industry players to build bridges into an energy-efficient, zero-carbon and dust-free future in the green corridors of Central Europe; The open project and information center prepares the employees of companies and the customers of tomorrow for the novel electro- and hydrogen technologies within the conversion of heating and mobility systems.</p>

Selection of Project-Relevant Publications (see <http://www.ressourcenmanager.at/index.php/Publikationsliste>)

1983	<p>Problem-oriented methodology in execution of construction work, Dissertation, University of Innsbruck (system research)</p>
1992	<p>Water supply concept for Tyrol (resource management)</p>
1993	<p>New energy concept for Tyrol (resources – energy strategy)</p>
1994	<p>Methodical problem-solving approach for a future-oriented water energy concept (system research, resource economy – redefinition of the logistics system for resource management)</p>
Since 2011	<p>Energy monitoring Tyrol (methodology, energy strategy)</p>
2014	<p>A wealth of water – the Tyrol's greatest asset (resource management)</p>
2015	<p>Tyrolean energy strategy program 2014 (methodology, energy and resource strategy)</p>
2016	<p>Tyrolean hydrogen strategy program 2015, 2016 (methodology, energy and resource strategy)</p>