

PERSONAL INFORMATION

Alois Kraussler



 Schachen bei Voralpe 89, A-8250 Voralpe, Austria

 +43 66488500339

 [alois.kraussler@gmail.com](mailto:alois.kraussler@gmail.com)

 skype alois.kraussler

Sex Male | Date of birth 04/01/1982 | Nationality Austrian

WORK EXPERIENCE

June 2013 onwards

**Managing Director**

ECOsmart GmbH, Schachen 89, A-8250 Voralpe

- Engineering and consulting activities of R&D related projects
  - Market penetration services for SMEs, industrial enterprises and R&D facilities
- Business or sector** Engineering and consultancy company for research and development

June 2010 onwards

**Managing Director**

4ward Energy Research GmbH, Tannengasse 18/6, A-1150 Wien, [www.4wardenergy.at](http://www.4wardenergy.at)

- Research activities of energy related projects (mainly energy technologies & model areas)
  - R&D Services for SMEs, industrial enterprises, authorities, public bodies and other organisations
- Business or sector** Non-profit organisation for research and development in the energy sector

December 2006 – July 2014

**Researcher & Academic Assistant**

University of Applied Sciences JOANNEUM, Institute of Energy and Transport Management, Alte Poststrasse 149, A-8020 Graz, [www.fh-joanneum.at](http://www.fh-joanneum.at)

- Project Manager for energy related R&D projects
- Assistance in the academic field (laboratory tutorials and lectures)
- Quality-management representative of the institute

**Business or sector** Research and Development / Education

EDUCATION AND TRAINING

September 2010 onwards

**Doctoral Student**

ISCED 6

Graz University of Technology, Doctoral School of Process Engineering

- Working title of doctoral thesis: Strategies for the realisation of smart cities with special focus of innovative energy grids and sustainable energy technologies exemplary of Austrian middle-sized cities
- Principal subjects covered: Process optimisation and integration, Advanced Thermodynamics (Thermodynamics for Power Engineering, Thermotechnical Plants), Non-conventional Conversion of Energy, Energy Supply and Distribution

September 2008 - June 2010

**Master of Science (passed with honours)**

ISCED 5A

University of Applied Sciences Burgenland, degree programme „Sustainable Energy Systems“, Pinkafeld / Austria

- Energy engineering and Energy Management, Alternative Energies, Business Studies, Environmental Economics, Policy and Law, Management

September 2002 - June 2006

**Graduate Engineer (passed with honours)**

ISCED 5A

University of Applied Sciences JOANNEUM, degree programme „Urban Technologies“, Kapfenberg / Austria

- Power Engineering, Energy Economics, Environmental Management, Economics, Law, Semester abroad (winter term 2004/05, Manchester, UK)

September 1996 - June 2001

**Certificate of qualification for university matriculation (A-level)**

ISCED 4A

High School Raumberg, Irdning-Trautenfels / Austria

- Agricultural related content: Mechanical Engineering, Livestock Breeding, Husbandry, Forestry, Economics and Marketing, Soft Skills and English

LANGUAGE SKILLS

Mother tongue  
Other language(s)

German

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C2	C1	C2	C1

English

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

ADDITIONAL INFORMATION

Honorary Activities

Managing Board Member of the Kraftspendendeoerfer Joglland (LEADER-association)

President of the non-profit association for the promotion of sustainability

Board member of the alumni association "Urban Technologies Experts Club" (UTEC)

R&D Evaluation Activities

Within HORIZON 2020 of the European Commission and for other (inter)national funding calls

Selected Publications & Presentations

1. Kraussler, A. (2018): "Researching a multifunctional heat transfer station incl. smart control concept for local / district heating systems"; final report within the framework of the Austrian energy research programme, Vienna / Austria 2018
2. Kraussler, A. (2017): "Exergy-optimized microgrids by demand-oriented temperature levels of distribution, storage and supply"; evaluation workshop within the framework of the international congress "e-nova - Nachhaltige Gebäude" of the University of Applied Sciences Pinkafeld / Austria 2017
3. Kraussler, A. (2016): "Business models for urban loadshifting within smart city demonstration projects", publication and speech within the framework of the 14th energy innovations symposium of the Technical University Graz, Graz / Austria 2016
4. Kraussler, A. (2015): "LOADSHIFT Oberwart - Demonstration of a cross-building energy management system for urban loadshiftings", publication and speech within the framework of the international congress "e-nova - Nachhaltige Gebäude" of the University of Applied Sciences Pinkafeld / Austria 2015
5. Kraussler, A. (2015): "Contribution of the industry to the integration of renewable energy sources by loadshifting", publication and speech within the framework of the 13th International Energy Economics Congress (IEWT), Vienna / Austria 2015

Selected R&D Projects

1. ERA-NET Cofund Smart Cities and Communities - Joint Call for Proposals: "Smart Decision Support System for Urban Energy and Transportation"; start: 2016;
2. Horizon 2020 - EE-2015-2-RIA: "Eco-aware Persuasive Networked Data Devices for User Engagement in Energy Efficiency"; start: 2016;
3. Austrian Energy Research Programme (2nd Call): Researching a multifunctional heat transfer station incl. smart control concept for local / district heating systems; start: 2016
4. Austrian R&D programme "smart energy Demo": "Hybrid Grids DEMO - Demonstration of a smart connection of the urban electricity, natural gas and district heating networks to a functional electrical energy storage"; start: 2015;
5. eMISSION.at (4th call): Exergy-optimized microgrids by demand-oriented temperature levels of distribution, storage and supply, acronym: Low-ex Microgrid; start: 2014;
6. eMISSION.at (2nd Call): "Smart energy management systems by different supplier, consumers and storages within buildings"; start: 2014;
7. Austrian R&D programme "smart energy Demo": "LOADSHIFT Oberwart: Development of a energy management system across buildings to enable an urban loadshifting"; start: 2014;
8. Research for the Benefit of SMEs: "Micro-TRIGENERATION - Economic and ecological Micro-TRIGENERATION based on the new Schukey-technology", coordinator and R&D performer; 7th Framework Programme of the EC; [www.microtrigeneration.eu](http://www.microtrigeneration.eu); start: 2013,
9. Austrian R&D-programme "Building of the Future Plus": "Energy exchange across buildings by two demonstrations in the city of Weiz"; start: 2013;
10. Qualifizierungsnetze - Forschungskompetenzen für die Wirtschaft (FFG): "HdZ2Market - Kompetenzvertiefung für Unternehmen zur Entwicklung und Umsetzung innovativer, nachhaltiger Gebäudekonzepte" (start: 2017)
11. Smart Cities Demo – 7. Ausschreibung: "Aktive Sozialraumbeflussung für ein Empowerment der smarten Modernisierung im (öko)sozialen Wohnbau" (start: 2016)