1. **Family name:** **Schindler**
2. **First names:** **Florian Kurt-Ernst**
3. **Date of birth:** **25/06/1967**
4. **Nationality:** **German**
5. **Civil Status:** **Married**
6. **Education: see below**

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| Institution (Date from - Date to) | Degree(s) or Diploma(s) obtained: |
| ANNA University, Technical University in Chennai (Madras), India [11/1998 –11/2003] | Ph.D. Thesis in the field of cleaner production and environmental management, energy and resource efficiency in industry, Anna University, India |
| Academy for Business and Administration (VWA) Koblenz, Germany [09/1994 – 08/1998] | Business Economist (VWA) Main subjects: Business, Management, Administration and Rights |
| Technical University of Applied Sciences Berlin (TFH), Germany [10/1988 – 12/1992] | Graduated Engineer for Biotechnology, Main subjects: Process Engineering, Chemistry- and Biotechnology, University of Applied Sciences Berlin (TFH) |
| Lise-Meitner Technical College forChemistry, Biotechnology and Physics [09/1986 – 07/1987] | Technical College for Chemistry, Physics and Biotechnology, Berlin, Germany (Biotechnology) |
| Schering AG (now Bayer) Pharma Branch [09/1983 – 09/1986] | Scientific and technical studies in chemistry and pharmacy, Berlin, Germany |

1. **Language skills:** Indicate competence acc. to Common European Framework of References (CEFR)

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| Language | CEFR Level |
| German | C2 |
| English | C2 |
| Spanish | C2 |
| French | B2 |

1. **Membership of professional bodies:**
	* Member Board of Directors for the Summer Academy on Climate Resilient and Carbon neutral Cities (ARS)
	* Member of the German Network for Training and Distance Learning (DGWF)
	* Indian Environmental Association (IEA)
	* Member of the Water, Waste and Energy Foundation WWEF, Chennai, India
	* Member of the Energy Efficiency Training board (DIN Academy; Germany)
2. **Other skills:**

 Moodle -LMS moodle, Content Management-CMS (Typo 3), Adobe Connect (Coaching of Web –meetings) Acrobat Professional (Adobe Pro), Microsoft Applications, MS-Project, MS-Office, incl. Power Point, Access, Linux Mint Software, OpenOffice, incl. Impress, multimedia presentations

1. **Present position:**

Director, Institute of Distance Learning, Berlin University of Applied Sciences and Technology

1. **Years within the firm (actual position):** 15
2. **Key qualifications:**

Dr. Florian Schindler has more than 15 years of experience in **environmental management, membrane and electrolysis application,** energy and resource efficiency, renewable energies including competence development at academic and professional level. He has more than 25 years work experience in **managing international technical cooperation projects** (e.g for GIZ in Asia and Latin America). Furthermore, Florian Schindler, **with over 25 years of working experience,** has gained extensive experience in the field of **distance and e-learning,** conceptualization of curricula for online courses and online trainings. Since 2007 he is **responsible** for the **overall management of the Institute of Distance Learning** of the Berlin University of Applied Sciences.

 **Years of working experiences:** > 25

1. **Specific experiences**

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| Country | Date from – till  |
| Buenos Aires, Argentine | 01.03. - 30.09.2022 IDB (WB) Consultant and Trainer e-Power REBL Renewable Energy Postgraduate Blended Learning Course  |
| Kabul, Afghanistan | 04.2020 -08.2021 Team Leader, Development of a Renewable Energies and Energy Efficiency (RE/EE) Master Degree Program (A-Master) |
| India, New Delhi  | 10/2019 -12/2020, giz / adelphi Team Leader, Guidelines for recycling, reuse and zero liquid discharge (ZLD) in industries  |
| Berlin, Germany | Moderator and consultant, Renewable Energy Week giz, REEW 2019 |
| Chile, Santiago de Chile,  | 2015 -2018 (1 week) conferences on Environment, Green Chemistry, Consultancy to Industry and Renewables Laboratory 2018 |
| Peru, Lima | 2018 (6 weeks), 2016 (1 week), Training in Environmental Management of Mercury (Minamata Convention)  |
| Turkey, Ankara  | 10/2017 – 10/2018, Short Term Consultant German climate Initiative (DKTI) Prog. For Energy Efficiency in Buildings, giz / METU |
| Cuba, Havanna | 2017 (2 weeks), BORDA Conference on environmental management in Havanna |
| Islamabad, Pakistan | 0.3.2015 Workshop, 03/2016 PEV Evaluation of the national Renewable Energy and Energy Efficiency Project (RE-EE) |
| Costa Rica, El Savador,Honduras  | 01.07. bis 31.10.2016 giz PEV Evaluation of the regional Renewable Energy and Energy Efficiency project in Central America.„4 E“  |
| Indonesia, Jakarta on  | 03/2012-05/2012, giz Short Term Consultant, Project finding mission on Green Economy  |
| Argentinien, Brasilien, Chile, Paraguay und Uruguay  | 2002-2007, Senior Advisor in Environmental Management, MERCOSUR in 5 Countries with main office in Montevideo:  |

1. **Specific Hydrogen / Electrolysis experiences**

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| --- | --- |
| Country | Date from – till  |
| Berlin, Germany | 01.12.2022 Moderator, Conference on Geopolitics of the Green Hydrogen Transition, German Foreign Office, Global Hydrogen Diplomacy (H2-Diplo), Deutsche Gesellschaft für Technische Zusammenarbeit (giz)  |
| Berlin, Germany | 10.2022 – 02.2023, Selected Professor, within the Group of Experts for dissemination of Green Hydrogen Prodution worldwide, Renewables PtX, Deutsche Gesellschaft für Technische Zusammenarbeit (giz)  |
| Berlin, Germany | 10.2021 -09/2024 Team Leader, Research project with SIEMENS ENERGY on VR and AR Applications supporting SIEMENS ENERGY power installation worldwide (VR-Repair) Hydrogen production and plant design, hydrogen storage and distribution  |
| Kabul, Afghanistan | 04.2020 -08.2021 Team Leader, Laboratory Installation including hydrogen production and electrolysis for the Renewable Energies and Energy Efficiency (RE/EE) Master Degree Program (A-Master) |
| Berlin, Germany | 04.2015 – 09.2019, Team Leader, Electrical Engineering, Energy Technology, and Electronic Systems, Project on innovative dual study integrating hydrogen technology with ABB and SIEMENS ENERGY  |
| Berlin, Germany | 09.2019 Chief-Moderator and consultant, Renewable Energy Week (giz), including emerging hydrogen technologies, REEW 2019 |
| India, Chennai  | 01/1997-05/2002, Introducing Electrolysis Technology at the Environment Institute at the Anna University, Membrane Technology and Electrolysis for industrial use |
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**Other relevant information** (e.g., Publications):

*Publications:*

Schindler F. Johannsen T. & Höhne B. (2022) International, dual - a development idea Developing dual study formats - a perspective for international vocational training cooperation?, 6th edition, "Vocational Education and Training International" (pending publication)

Bräutigam, S., Schindler F. (2020). Agiles Lernen im Unternehmen. In Longmuß, J., Korge, G., Bauer, A., & Höhne, B. (Hrsg.). *Zukunft des agilen Lernens in der wissenschaftlichen Weiterbildung*. Berlin: Springer Vieweg.

Schindler F., Jungk B. Editors, (2019), Proceedings Energy Efficiency in Buildings, International Summer School ISBN 978-3-96511-005-2

Höhne, B. P., Bräutigam, S., Longmuß, J., & Schindler, F. (2017). Agiles Lernen am Arbeitsplatz – Eine neue Lernkultur in Zeiten der Digitalisierung. *Zeitschrift Für Arbeitswissenschaft*, *71*(2), 110–119

Longmuß, J., Höhne, B., Bräutigam, S., Oberländer, A., & Schindler, F. (2016). Agile Learning – Bridging the Gap between Industry and University. Proceedings of the 44th SEFI Conference. Tampere

Schindler,F., Taschner A. & Hanel, (2010) Modern concepts of Education and Training in Engineering for Sustainable Development , Proceedings, International Society for Engineering Education (IGIP)

**Other relevant information** (e.g., Conferences, Seminars):

*Conference / Seminars*

10/2022 Bonn, Green Hydrogen Production, Support Policies and Regulation, ToT Renewables PtX (giz)

09/2022 Argentina, Renewable Energy Postgraduate Course (Blended Learning, IDB)

08/2022 Online Conference Concepts for Climate Resilient and Climate Neutral Cities

11/2021 EPR Workshop on Enhanced Producer Responsibility (PROMAR, Sto. Domingo)

09/2021 Online Conference Sustainable Design for Low Carbon Buildings & Cities (DAAD)

06/2021 Solid Waste Management in China, Waste Segregation Technology (giz webinar)

12/2020 Master Class Course Conference "Renewable Energies" 15 Years Ahead (HNE)

09/2020 Conference Energy Efficiency in Buildings (DAAD)

05/2020 Stakeholder Workshop on Zero Liquid Discharge in Indian Industries (adelphi)

12/2019 "Renewable Energies" Still to small – the Energy Transformation (BHT/HNE)

09/2019 Conference Energy Efficiency in Buildings (DAAD)

08/2019 Marine Litter Presentations in New Delhi, Kochi and Kanpur (giz India)

12/2018 Renewable Energies 2020 – New Goals are needed for our Climate

12/2018 Training of experts on the MINAMATA (Hg) Convention (giz-Peru)

06/2018 Digital Learning Program on Water Management in the Textile Sector (Pakistan)

06/2018 Conference on Energy Efficiency in Buildings (giz- Turkey)

12/2017 Renewable Energies -End of the Changes Process – Straight to the Future (HNE)

12/2016 Renewable Energies -Climate-friendly infrastructures for urban and rural areas (HNE)

06/2016 Energy Manager German Normalization Agency (DIN)

12/2015 Communicate climate change, development of a new energy culture (HNE)

12/2014 Renewable Energies - Raw material scarcity, energy costs and climate change -Reasons for a cultural change (HNE)

06/2014 Environmental Knowledge Exchange (giz - FATA 2012 and 2014)

12/2013 Renewable Energies - Responsibility for the future - raw materials, ideas and change (HNE)

02/2013 Train the Trainer for Occupational Safety and health (Dresden, Germany )

12/2012 Renewable Energies - Expectation, Development & Implementation – A New Energy Age (HNE)

09/2012 Environmental Knowledge Exchange (giz - FATA 2012)

09/2011 Web-conference Training (Beuth University, Berlin)

12/2010 Renewable Energies - Europe - as a model for the future of renewable energies? (HNE)

06/2010 Capacity Works Training Moderation and Coaching (Denkmodell, Berlin)

## Spezific Job Experience: Prof . Dr. Florian Schindler

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| --- | --- | --- | --- | --- |
| Date from-to | Location | Company | Position | Description |
| 2008 -ongoing | Berlin, Germany | Berlin University of Applied Sciences and Technology | Professor and Director of the Distance Education Institute  | **Management of University Department for Distance Learning** * Coordination of distance learning portfolio of the university, **technical guidance for development/conversion of training and academic programs and courses** using e-learning concepts.
* Developed blended learning **Master programs in Renewable Energy**, Environmental Management and Resource Efficiency.
* Capacity Development for Professionals in the field of waste management, water treatment, environmental engineering, energy and resource efficiency, sustainable urban development, marine litter, **climate change and renewable energies**.
 |
| 05/2007 -ongoing | Worldwide | Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), adelphi, BORDA | International Consultant | **Head of several project planning and monitoring & evaluation missions*** Workshops for GIZ Projects worldwide (South America, Indonesia, India, Pakistan, Afghanistan)
* **Renewable energies, energy, resource and water efficiency, Marine Litter, environmental management, waste management**, information management (GIZ; Brazil),
* Consultancy missions international conventions on chemicals (GIZ, Peru, Germany,), surveys and studies on coastal zone management in Cuba (BORDA) and 5 cities in India (GIZ, India).
 |
| 08/2019 | India | adelphi consult:German Environmental Ministry (BMU)  | Team Leader | **Marine Litter Appraisal Mission*** Leading a project team to **develop a project on Marine Litter in cities** with activities in 3 regions/cities
* Overall project management and coordination between the project partners and the GIZ
* Inputs for best practices, standards and regulation compile policy as well as sector recommendations,
 |
| 3/2015, 3/2016 & 11/2017 | Pakistan | Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) | International leading Expert | **Renewable Energy project Evaluation and consultancy, Workshop Moderation on Eco-Industrial Parks in Pakistan** * Evaluation Mission for the Renewable Energy and Energy Efficiency Project in Pakistan
* PEV -giz Evaluation formate
* Possible strategies for upgrading of industrial parks to sustainable industrial areas
* Develop **training outline**; adapt and complement **training materials** in the textile sector
* Deliver technical sessions; prepare **workshop reporting** and compile recommendations for follow up
 |
| 07/2003 -04/2007 | Uruguay, Argentina, Chie, Brazil, and Paraguay | Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) | Head of a regional environmental management project | **Head of a regional (MERCOSUR) environmental management project*** Program Manager **Environmental Management in Port** within the MERCOSUR Regions,
* **European self-diagnosis method –SDM**, including waste management in port cities
* Ports: Valapariso, Montevideo, Asunción, Pto. Madryn and Rio Grande do Sul,
* Integrated Expert (CIM) Training of Trainers, **training of professionals**
 |
| 12/2002 -06/2003 | India, Uruguay, Argentina, Belgium, Romania  | Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) | Advisor | **Professional Planner / Senior Advisor*** Technical consultancy, planning and evaluation in Asia, Europe and South America
* **Training of professionals in environmental management** and energy efficiency.
* Product development “**Environmental Management in Ports**”, including waste managements
 |
| 1997-2002 | India, Chennai (Madras) | Senior Advisor and Head of project, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) | Team Leader | **Project management** * **Institutional development** of the Environment Institute at the Anna University
* Introduction of **international training standards** in education, training and research,
* **Work with Membrane and Electrolysis Technologies in Industry,**
* Enhanced industrial cooperation in the field of waste water treatment, **recycling, waste management and cleaner production**
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