

CURRICULUM VITAE

1. **Family name:** Hille
2. **First names:** Georg
3. **Date of birth:** 08.09.1960
4. **Nationality:** German
5. **Civil status:** Widower
6. **Education:**

Institution	Technical University of Berlin, Germany
Date: from (month/year) to (month/year)	1992-1993
Degree(s) or Diploma(s) obtained	Specialist Energy planning and Energy management in developing countries

Institution	Chemical Engineering, technical university Karlsruhe, Germany
Date: from (month/year) to (month/year)	1979 - 1985
Degree(s) or Diploma(s) obtained	Dipl. Eng. Energy, waste and environmental protection technologies, combustion

7. Language skills, mark 1 (worst) to 5 (best) for competence:

Languages	Speaking	Reading	Writing
German	Mother tongue		
English	5	5	4
Portuguese	5	5	5
Spanish	4	4	3
French	3	2	1

8. **Membership of professional bodies:** Chartered Engineer, Member of German Wind Association BWE, Member of German PV IPP operators and Member of 100% Renewables GmbH

9. **Other skills: Present position:** Executive Director, ecovision & ecovision contracting,; Board member/ Director, OEKOGENO (cooperative 15,000 members); Executive Director, iiDevelopment

10. **Years within the firm:** 15 at ecovision & ecovision contracting; 12 at OEKOGENO; 5 at iiDevelopment;

11. Key qualifications (relevant to the project):

- Internationally reputed expert in implementing renewable energy (RE) projects, with a specialization in solar photovoltaic (PV) and wind.
- Founder of a contracting company with project development in Germany and Ghana.
- 27 years of experience in the electricity sector, and his work spans both industrialized and emerging countries; He specializes in developing innovative Independent Power Producer (IPP) projects for small RE investors and cooperatives.
- Mr. Hille has developed, financed, built, and is operating over 30 PV and wind Special Purpose Vehicles (SPVs); Experience as advisor for transaction, carrying out site evaluation, technical DD, financial DD and assisting in legal DD of PV and windpower projects.



12. Specific country experience:

Country	Date: from (month/year) to (month/year)
Pakistan	2019
Bolivia	2017-ongoing
Ghana	2015-ongoing
Peru	2015-ongoing
Cape Verde	2015
Kenya	2015
Vietnam	2014
Italy	2012
Kenya	2011
Uganda	2009
Brasil	2012-2014
Germany, France, and Italy	2000-ongoing
Thailand, Brazil, and Morocco	1998–Ongoing
Argentina	2015

13. Professional experience record (projects):

Date:	2019
Location	Pakistan
Client/ company	Banks
Position	
Description (main tasks)	<ul style="list-style-type: none"> • New Practitioner Tools for PV Financial Analysis in Emerging Markets • Develop mechanism for project financing in developing PV markets

Date:	2018 ongoing
Location	Ghana
Client/ company	Private holding in Ghana
Position	Project leader
Description (main tasks)	<ul style="list-style-type: none"> • Feasibility study and owners engineer for Africa's largest rooftop plant

Date:	2017 pending
Location	Ghana
Client/ company	AFD (today: Probako)/IPC Frankfurt
Position	Lead consultant
Description (main tasks)	<ul style="list-style-type: none"> • Energy analysis the five largest hotels in Accra • Set-up a list of efficiency measurements at least cost level • Developing Net metering schemes for PV installations (contracting, leasing)

Date:	2014 ongoing
Location	Ghana
Client/ company	GIZ
Position	Senior consultant
Description (main tasks)	<ul style="list-style-type: none"> • Realistaion of PV plants on SPV level (10, MWp, 50 MWp, 200 MWp) • First contracting model for PV with Net-Metering • Business development for SME in the PV sector

Date:	2017 - ongoing
Location	Bolivia
Client/ company	GIZ
Position	
Description (main tasks)	Post-commissioning of grid-connected PV plants under extrem condition <ul style="list-style-type: none"> • Joint commissioning measurements with Fraunhofer ISE from MW size PV palnt on the altiplano (4000m) • Training of quality control of PV plants

Date:	2014 ongoing
Location	Peru
Client/ company	Ecovision
Position	Project leader
Description (main tasks)	<ul style="list-style-type: none"> • Land acquisition, site preparation, currently equity financial engineering, construction permit, preparing for auction • Set –up of a own up to 80 MW wind park

Date:	2014 - ongoing
Location	Brazil
Client/ company	GIZ
Position	Lead consultant
Description (main tasks)	PV Project Advisory Services for the 2014 FIFA World Cup, Brazil Ongoing <ul style="list-style-type: none"> • Advise the 2014 FIFA World Cup organizing committee on procuring PV systems for its soccer stadiums. His work focused on quality control and contracting support for several innovative PV generators

Date:	2012 ongoing
Location	Germany
Client/ company	ecovision, OEKOGENO
Position	Project leader
Description (main tasks)	Developing IPP with small investors for 20 years operation <ul style="list-style-type: none"> • Identify the sites, getting construction permit (BlmchG), set-up equity and debt financing realization, operation for 20 years. • Repowering of wind turbines in the black forest



Date:	2011
Location	Kenya
Client/ company	GIZ
Position	Consultant
Description (main tasks)	<p>Pioneering a PV Net Metering Study</p> <ul style="list-style-type: none"> • Study the potential for net metering to support the electric grid and to help develop the PV market in Kenya. • Characterize a comprehensive set of factors affecting the viability of net metering—policy, regulatory, economic, procedural, technical, and capacity building

Date:	2005
Location	Argentina
Client/ company	German Federal Ministry for the Environment
Position	Researcher
Description (main tasks)	<p>International Workshop on Clean Development Mechanism (CDM) Measures</p> <ul style="list-style-type: none"> • Participate in a workshop organized in Buenos Aires to discuss the CDM and a sustainable energy supply in Latin America. He facilitated panels and discussions addressing the progress of RE implementation in Germany, followed by status reports of RE implementation in select Latin American countries

Date:	2004 - ongoing
Location	Europe
Client/ company	Banks in Italy, France, Germany
Position	Lead consultant
Description (main tasks)	<p>Capacity Building in European Banks for Solar PV Financing</p> <ul style="list-style-type: none"> • Mr. Hille has worked with European banks to provide training on solar PV technologies and myriad ownership models, in order to enable easier access to debt for PV developers. • In addition, Mr. Hille has advised banks on due diligence for several PV plants in excess of 1MW

Date:	2000-2002
Location	Germany/EU
Client/ company	EU DG17
Position	Consultant
Description (main tasks)	<ul style="list-style-type: none"> • Investments in jointly owned parks suffer from low liquidity. • Second market for jointly owned PV and windturbines

Date:	1999-2001
Location	Brazil
Client/ company	CDG/InWent program PROINFA
Position	Consultant
Description (main tasks)	<ul style="list-style-type: none"> • Design of the first windparks, evaluation of jointly owned windparks • First of its kind equity financing of windparks



Date:	1998 – Ongoing
Location	Thailand, Brazil, and Morocco
Client/ company	Fraunhofer ISE
Position	Researcher
Description (main tasks)	<p>Special PV Advisor to Foreign Energy Ministries,</p> <ul style="list-style-type: none"> Mr. Hille was tasked by the German Federal Ministry for the Environment and InWent (now GIZ) to advise energy ministries in Thailand, Brazil, and Morocco on increasing penetrations of solar PV generation

Date:	1997
Location	Germany
Client/ company	Greenpeace
Position	Researcher
Description (main tasks)	<p>Study of a Long-Term Subsidy for PV and Wind,</p> <ul style="list-style-type: none"> Study the feasibility of a long-term subsidy program for PV and wind power in Germany. His analysis included estimates of potential employment impacts from induced manufacturing and installation under the proposed subsidy program

Date:	1995
Location	Germany
Client/ company	TNC GmbH
Position	Researcher
Description (main tasks)	<p>Assessment of the Market Potential for PV Noise Barriers</p> <ul style="list-style-type: none"> Examine the market potential for an innovative application of PV technology on existing and planned noise barriers along motorways and railways. Mr. Hille's research found that Germany had favourable conditions for this application because of the high density of rails and roads, an ongoing demand for transport infrastructure investment, and reasonable tariffs for PV generation

Date:	1994-2000
Location	Germany
Client/ company	Ökobank
Position	Advisory board
Description (main tasks)	<ul style="list-style-type: none"> Projects up to 30 MW, cluster financing up to 20 Mio. DM First of its kind debt financing of windparks

Date:	
Location	Vietnam
Client/ company	GIZ/ UN
Position	Lead Consultant
Description (main tasks)	<ul style="list-style-type: none"> Incentive Strategy Review: PV Net Metering Vs Feed-In for PV



Date:	2015
Location	Vietnam
Client/ company	GIZ
Position	Consultant
Description (main tasks)	<ul style="list-style-type: none"> • Wind FIT and Financing Options in VN

Date:	2015
Location	Germany, Italy and France
Client/ company	GIZ
Position	CEO
Description (main tasks)	<p>Set-up 20 IPP for PV and Wind power in Germany, Italy and France.</p> <ul style="list-style-type: none"> • Carried out the entire value chain of project identification, development, turnkey installation and operation for the next 20 years.

Date:	2009
Location	Uganda
Client/ company	GTZ
Position	Capacity Building Expert
Description (main tasks)	<p>Capacity-Building Seminar on the Financing of PV SPVs in several local PV companies</p> <ul style="list-style-type: none"> • Participate in a five-day seminar for technical and business professionals in Uganda that work in, or were interested in joining, the local solar energy market. His presentations covered a range of topics, including technical planning, financial planning, business development, and risk management

Date:	1999 ongoing
Location	Global
Client/ company	SME,
Position	Consultant
Description (main tasks)	<p>Consulting Services for PV Generation</p> <ul style="list-style-type: none"> • Advise on the planning, construction, and operation of numerous grid-connected PV plants worldwide. • Supporting PV projects spans the range of installed capacities from 20kW up to 60MW

Date:	<ul style="list-style-type: none"> • 2003 ongoing
Location	Germany, France, and Italy
Client/ company	SME, NGO's
Position	CEO
Description (main tasks)	<p>Advisory Services for the Establishment of PV Independent Power Producers, Germany, France, and Italy</p> <ul style="list-style-type: none"> • Mr. Hille has worked with energy cooperatives and approximately 1,000 private limited partners to establish PV IPPs. His work has resulted in jointly owned PV plants in Germany, France, and Italy, financed with €10 million in equity and €30 million in debt