

# CURRICULUM VITAE



## **Henning, Reinhard Kurt**

Biologiste

born in January, 26, 1945

### **Main fields of experience:**

- Biogas (industriell and family size systems)
- Jatropha curcas oil as raw material (as fuel and for soap production)
- Website establishment and maintenance

### **Nationality:**

German

### **Civil status:**

Married, 3 children

### **Languages:**

German (mother tongue)

English (fluently)

French (fluently)

Spanish (partly)

### **Professional education:**

1972

University of Freiburg, Germany, Diploma as Biologiste

1964

Gymnasium Lindau/B, Germany, Abitur (A-level)

1961

Realschule Lindau/B, Germany, Mittlere Reife (to change to the Gymnasium afterwards)

### **Short courses:**

2007

Jatropha Conference, University of Wageningen, Netherlands, 3 days.

1988

Microsoft Office Applications (Word, Excel, Access, PowerPoint), 2 weeks.

1986

Computer hardware course, GTZ, Germany, 1 week.

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| Year/time     | 2009, 3 days,   |
| Donor/Company | Greenpower, UK  |
| Position:     | Participant, Lecturer   |
| Description:  | Jatropha activities in West Africa were presented. This was accomplished by a field visit to a Jatropha plantation near Tema, (Riemann)                                       |
| 2008          | China, 1 week   |
| Donor/Company | China Fibre Fuels Inc.  |
| Position:     | Consultant  |
| Description:  | The question was, wheather a Canadian company (Bacchus) should buy a Chinese Jatropha company of Baoshan, Yunnan province, south of China (near Kunming).                     |
| 2008          | Mozambique, 1 week  |
| Donor/Company | Enerterra   |
| Position:     | Consultant  |
| Description:  | To be present and represent the Jatropha know how of the company Enerterra during the visit of the Portuguese President, and to know the other members of the team Enerterra. |
| 2007          | Mozambique, 6 weeks altogether, 3 missions in 2007  |
| Donor/Company | SGC-energia, Portugal; Enerterra, Mozambique  |
| Position:     | Consultant  |
| Description:  | To enable Enerterra to play, together with a company from Mozambique, an important role as Jatropha company   |
| 2007          | UNO, New York   |
| Donor/Company | UNO-DESA, CSD, New York,  |
| Position:     | Participant of roundtable discussion:   |
| Description:  | Small-scale Production and Use of Bio-fuels in Sub-Saharan Africa   |
| 2007          | Cambodia, 8 weeks, 3 missions   |
| Donor/Company | GTZ   |
| Position:     | Consultant  |
| Description:  | Feasibility study on Jatropha in Cambodia, support of SODECO, participation at workshop   |
| 2006          | Dominican Republic  |
| Donor/Company | GTZ   |
| Position:     | Consultant  |
| Description:  | Feasibility study, workshop and Jatropha presentation concerning Jatropha in the binational GTZ-project Artibonito (in Pedro Santana, Haiti/Dominican Republic)               |
| 2006          | Madagascar  |
| Donor/Company | Integration   |
| Position:     | Consultant  |
| Description:  | Feasibility study concerning the use of Jatropha oil as a renewable energy source in SAVA-region in the north of Madagascar   |

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| 2005          | Madagascar  |
| Donor/Company | KfW   |
| Position:     | Consultant  |
| Description:  | Feasibility study concerning the use of Jatropha in erosion control in the framework of the KfW-project in Madagascar, including a 1 day workshop in the project-area.  |
| 2004          | Germany   |
| Donor/Company | GTZ – PREDAS - CILSS  |
| Position:     | Consultant  |
| Description:  | Establishment of a brochure in French and English concerning the work of CILSS and PREDAS   |
| 2003          | Southern Africa   |
| Donor/Company | UNIDO – GTZ/GFU   |
| Position:     | Consultant  |
| Description:  | Case study on Jatropha in selected countries of Southern Africa   |
| 2003          | Germany / Tanzania  |
| Donor/Company | FAKT  |
| Position:     | Consultant  |
| Description:  | Representing FAKT (Stuttgart) in German institutions and in Jatropha activities in Tanzania (ELCT and Vyahumu trust Morogoro)   |
| 2002          | Germany   |
| Donor/Company | GTZ   |
| Position:     | Consultant  |
| Description:  | Support for West-Africa concerning the preparation of the Typha workshop.   |
| 2002          | Germany   |
| Donor/Company | GTZ   |
| Position:     | Consultant  |
| Description:  | Establishment of a Predas CD-Rom.   |
| 2002          | St. Louis, Senegal / Germany  |
| Donor/Company | GTZ   |
| Position:     | Consultant  |
| Description:  | Participation in the Typha workshop in St. Louis, Senegal, presentation of the essentials of the Typha technology and integration of this event into the PSACD website. |
| 2001          | Germany   |
| Donor/Company | Greenpeace International, office Germany  |
| Position:     | Consultant  |
| Description:  | Short description of the possibilities of a plant oil driven Tuk Tuk in Asia.   |

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| 2001           | Germany   |
| Donor/Company  | GTZ   |
| Position:      | Consultant  |
| Description:   | Establishment of an bilingual website (French, English) with integration of an already existing French website of PSACD   |
| 2001, April    | Sudan   |
| Donor/Company  | UNIDO, Vienna   |
| Position:      | Consultant  |
| Description:   | Feasibility study concerning Jatropha in Sudan  |
| 2001,          | Germany   |
| Donor/Company  | HATI, Berlin, Germany   |
| Position:      | Consultant  |
| Description:   | Interactive CD-Rom, concerning Typha and a GTZ-project in Senegal (PSACD).  |
| 2001,          | Germany   |
| Donor/Company  | GTZ   |
| Position:      | Consultant  |
| Description:   | Summary of different studies concerning Typha in Senegal  |
| 1999, November | Zambia  |
| Donor/Company  | GTZ   |
| Position:      | Consultant  |
| Description:   | Establishment of a Feasibility study on Jatropha in Southern Province in Zambia   |
| 1998 - 2000    | Germany   |
| Donor/Company  | GTZ   |
| Position:      | Consultant  |
| Description:   | Answering questions concerning biogas and mainly Jatropha which were sent to Gate or GTZ.   |
| 1997           | Germany   |
| Donor/Company  | Foundation of the consulting company bagani GbR   |
| Position:      | Owner   |
| Description:   | The company executed consulting services in different parts of the world, mainly in the field Jatropha oil as fuel.   |
| 1993 - 1997    | Mali  |
| Donor/Company  | GTZ   |
| Position:      | Project responsible (AP).   |
| Description:   | Production and use of plant oil (Jatropha oil) as fuel and for rural income generation, working on all aspects of data collection, dissemination of technology, gender problems, socio-economic evaluation; |

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|---------------|---|
| 1990 - 1993   | Mali  |
| Donor/Company | GTZ, Germany  |
| Position:     | Member of staff (Fachberater)   |
| Description:  | Preparation of the Jatropha project, general administration in the GTZ-headquarters in Eschborn/Frankfurt, Germany  |
| 1987 – 1990   | Bamako, Mali  |
| Donor/Company | GTZ   |
| Position:     | Staff member in an overseas project (AMA)   |
| Description:  | Staff member in the Special Energy Programme (SEP), responsible for biomass use (biogas, charcoal from cotton stalks, alcohol as energy, production and use of Jatropha oil as renewable energy and for income generation in the rural areas.<br>Main tasks: Rehabilitation of family size biogas digestors, mainly in schools; |
| 1981 - 1987   | Côte d'Ivoire   |
| Donor/Company | Oekotop Consulting  |
| Position:     | Head of project   |
| Description:  | Installation of an industrial size prototype biogas digester and extension to a large scale industrial biogas digester in a feedlot for steam and electricity production for a slaughterhouse. Dissemination programme of family biogas digestors in the north of Ivory Coast.  |
| 1977 - 1981   | Germany   |
| Donor/Company | TUB (Technical University Berlin)   |
| Position:     | Scientific Employee (Wissenschaftlicher Mitarbeiter)  |
| Description:  | Foundation of a working group for appropriate technology (IPAT) and execution of a research programme by order of the Federal Ministry of Economic Cooperation and Development (BMZ)  |
| 1973 - 1977   | Germany   |
| Donor/Company | TUB (Technical University Berlin)   |
| Position:     | Assistent Professor (Wissenschaftlicher Assistent)  |
| Description:  | Teaching limnology, anaerobic fermentation (biogas) and biology of waste water treatment  |
| 1972 - 1973   | Germany   |
| Donor/Company | Adult Education School, Berlin College  |
| Position:     | Teacher   |
| Description:  | Teaching biology for people in second education sector (adults).  |

### **Awards received:**

- 2003: UNIFEM price 2003 (German section) for Jatropha project in Mali;
- 2005: Dr. Heinz Schulz Medal of Honour for important contributions to the development of biogas technology (invention of a very simple method of desulfurication of biogas).

### **Additional Comments**

Establishment and maintenance of the website [www.jatropha.de](http://www.jatropha.de)

### **Publications:**

Many publications and presentations on Renewable Energies, biogas and plant oil as renewable energy. Detailed list on request.

### **Presentations & demonstations:**

Many presentations and demonstrations on the extraction and the use of Jatropha oil (soap making) in different countries.

Lindau/B, June 2010