

Travel Report

IPID4all Senior Research Visit

Beneficiary: Hans-Gerhard Holtorf

Travel Itinerary

<i>Pos</i>	<i>Dates</i>	<i>Item</i>
1	05.01.2016 – 07.01.2016	Journey Oldenburg (D) to Dhaka (BD).
2	07.01.2016 – 09.01.2016	Participation in the International Conference on the Developments of Renewable Energy Technology (ICDRET).
3	10.01.2016	Excursion to Paratoli Island, Mini Grid Site.
4	11.01.2016	Negotiations at United International University.
5	12.01.2016 – 13.01.2016	Return Journey Dhaka (BD) to Oldenburg (D).

Important Persons met during the Journey

In the following table the most important persons met during the sojourn are listed in alphabetical order.

<i>Pos</i>	<i>Person</i>	<i>Comment</i>
	Mr. Aziz Hassan Muhaiminul	SolarLand, Dhaka, Bangladesh Senior Project Engineer
	Dr. Alam Intekhab	United International University, Dhaka, Bangladesh. Co-organizer of the ICDRET.
	Dr. Blanchard, Richard	Loughborough University, Loughborough, United Kingdom School of Electronic, Electrical and Systems Engineering Lecturer in Renewable Energy, MSc. Programme Renewable Energy Systems Technology.

	Dr. Brown, Ed	Loughborough University, Loughborough, United Kingdom Department of Geography Senior Lecturer in Human Geography Co-Chair of the UK Low Carbon Energy for Development Network
	Assistant Prof Chowdhury Shahrir	United International University, Dhaka, Bangladesh. Director Centre for Energy Research Co-chair Organizing Committee ICDRET.
	Dr. Groh, Sebastian	ME-SOLshare, Dhaka, Bangladesh CEO ME-SOLshare
	Prof. Dr. Islam Sadrul A.K.M	Islamic University of Technology, Dhaka, Bangladesh Dept. of Civil & Environmental Engineering Chair Technical Committee ICDRET
	Mr. Jha, Shailendra Kumar	Kathmandu University, Kathmandu, Nepal School of Engineering. Lecturer, assistant of Prof. Maskey.
	Prof Khan Rezwan	United International University, Dhaka, Bangladesh Vice Chancellor Chairman of ICDRET
	Prof Maskey, Ramesh Kumar	Kathmandu University, Kathmandu, Nepal School of Engineering. Associate Dean (Academic and Administrative Affairs). Dean's Office, School of Engineering. Coordinator, Center for Excellence in Production and Transportation of Electrical Energy (CEPTE/KU). DAAD Research Ambassador.
	Mr. Pavel Md. Enamul Karim	Infrastructure Development Company Limited (IDCOL), Dhaka, Bangladesh. Head of Renewable Energy Department.
	Mr. Rahman, Md. Mahfuzur	Infrastructure Development Company Limited (IDCOL), Dhaka, Bangladesh. Personal Assistant of the Head of Renewable Energy Department
	Prof. Raqubul Mostafa	United International University, Dhaka, Bangladesh. Head of the Department of Electrical and Electronic Engineering.

Journey's Outcomes

The following table describes the major outcomes of the negotiations held during the stay in Bangladesh. The negotiations took place during the entire sojourn in Dhaka and cannot be related directly to an individual appointment given in travel itinerary described in the table above.

<i>Pos</i>	<i>Item</i>	<i>Description and Outcome</i>
1	Development of a set of slides on Mini-Grids	It was decided to mutually generate a set of slides from the observations made during the site visit at Paratoli Island Mini Grid System as well as from the experience of the involved participants of this excursion. The slides will be generated by members of Infrastructure Development Company Limited, by Loughborough University, by Oldenburg University, by SolarLand and by United International University. The slides will be used in lectures and trainings held by the above mentioned institutions.
2	Further development of ICDRET	<p>It was discussed amongst members of Kathmandu University, Loughborough University, Oldenburg University and United International University to further develop the International Conference on the Developments of Renewable Energy Technology. The goal is to have ICDRET every year in the region of South Asia (Bangladesh, India, Nepal, Myanmar, and neighbouring countries).</p> <p>An International Steering Committee was decided on. The steering committee consists of members of the above mentioned universities. Members of the network of this steering committee will be invited to join in.</p> <p>The next ICDRET will take place in 2018 at Kathmandu University. The chancellor of this university has already confirmed to host the fifth ICDRET.</p> <p>The conference serves all involved participants. It focuses on the development of renewable energy in the hosting and neighbouring countries. The involved European countries seek to gain experience in the field of renewable energy applications in developing countries.</p> <p>The lessons learned on the conferences improve the lectures and trainings held at different institutions mentioned above. Students of the involved universities are offered an ideal platform to train and experience the development of publications and the presentation of their results. Researchers of the involved universities get an ideal platform for their knowledge exchange on an international conference in the vicinity of their home institutions.</p>
3	Internships for current and future PPRE students	<p>ME-SOLshare has approved an internship for a current master student of Postgraduate Programme Renewable Energy (PPRE) during the meetings held at ICDRET. ME-SOLshare is willing to host further PPRE students in their internships when appropriate topics are available. Dr. Groh Sebastian encourages PPRE students to submit applications to his address.</p> <p>IDCOL has signalled that they are very interested in hosting interns and master thesis candidates in Dhaka. Any renewable energy technology is welcome. PPRE students are requested to send their applications to Mr. Pavel Md. Enamul Karim and to Mr. Rahman Md. Mahfuzur.</p>

4	University's Collaboration on renewable energy based rural electricity supply	Loughborough University, Oldenburg University and United International University are researching on rural electricity supply. It was decided to invite Assistant Prof. Chodhury to Loughborough University for a three months research stay funded by Loughborough University. Oldenburg University could benefit from this sojourn by inviting Prof. Chowdhury for a seminar talk at Oldenburg University. This could constitute the beginning of a collaboration of the three Universities.
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Oldenburg, February 1st 2016

Hans-Gerhard Holtorf

DAAD



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of Education
and Research