



SUSTAINABLE
ENERGY FOR ALL

ENERGY ACCESS
PRACTITIONER NETWORK

January, 2015

Energy Access Practitioner Network - monthly call summary

Sustainable Energy for All (SE4ALL) Updates

Presentation on the new Sustainable Bioenergy High Impact Opportunity area (HIO) under SE4ALL, by Gerard Ostheimer, [Novozymes, GEOE@novozymes.com](mailto:GEOE@novozymes.com)

- SE4ALL has been successful to date in recruiting private sector to engage in and lead various efforts under the initiative. Novozymes has shown leadership in sustainable bioenergy, and has been instrumental in the establishment of this new HIO.
- Bioenergy is frequently misunderstood and mislabeled, considering 70-90% of the energy consumption of West African countries is already based on bioenergy in the form of biomass. This HIO will promote the transition to renewable and sustainable use of bioenergy, ranging in application from cooking, off-grid uses, on-farm applications, to transportation fuels including aviation.
- The HIO has assembled a steering group including co-chairs UN FAO and IUCN, as well as Accenture, Bloomberg New Energy Finance, Carbon War Room, International Energy Agency, KLM, Novozymes, UN Foundation, and the Roundtable for Sustainable Biofuels.
- The HIO will have the following objectives:
 - ✓ Knowledge sharing: fostering a community of practice for bioenergy stakeholders to develop solutions and share successes for scaling.
 - ✓ Policy maker engagement: promoting sustainability in bioenergy production and use, through channels including UN FAO and UNEP.
 - ✓ Deployment promotion: looking at a range of factors including sustainable supplies, suitable policy environments, sustainable technologies, and finance.
- The formal recognition and launch of the HIO will take place by the end of January, and interested parties can refer to the SE4ALL [website](#) for further details and documents to be posted.
- Practitioner Network members ARE and PANGEA are also leading a six-month campaign on the role of bioenergy in achieving rural electrification. If you would like to learn more or have your experience shared, please contact Gerard.
- Gerard will continue to serve as the secretariat for the HIO, and would welcome communications from Practitioner Network members who would like to participate in the HIO.

Energy for Women & Children's Health initiative update, by Jem Porcaro, Senior Director, Energy Access, UN Foundation, jporcaro@unfoundation.org

- [The Energy and Women's Health HIO](#), focusing on the electrification of medical clinics in sub-Saharan Africa, co-led by the UN Foundation, WHO and UN Women, continues to make progress.
- Jem will be in Uganda and Malawi, two of the five priority countries for the Energy for Women and Children's Health initiative, as well as Nairobi, Kenya in the following two weeks. Please contact Jem if you work in these countries and would like to arrange a meeting.
- Jem will provide a detailed update on the data collection and needs assessment efforts he will be supervising during the next monthly call.

Special Briefing

UNFCCC COP20 Lima, Peru, by Ryan Hobert, UN Foundation, rhobert@unfoundation.org

- Lima delivered on its promise to set the stage for Paris – countries agreed to a "Call for Climate Action". For the first time, the international community is on track to have a 2015 agreement that would commit all countries to act.
- The agreement encourages countries to make their "Intended Nationally Determined Contributions" (INDCs) public, which the text says must include mitigation, and may include adaptation, in the first quarter of 2015.
- Outside of the formal negotiations, there was also progress on climate finance – one of the most critical issues – when announcements of country contributions to the Green Climate Fund reached the \$10 billion goal that had been set. Finance will be a significant issue going into Paris, with developing countries pushing for a formal pledge from developed countries to have \$100 billion per year flowing by 2020.
- The negotiations also showed a growing recognition that we cannot deal with climate without working on energy access. The Green Climate Fund is said to be looking at integrating clean energy access, which could be an opportunity for energy access practitioners and service providers.
- We also organized a Practitioner Network event in Lima on "Achieving Universal Energy Access: A development imperative in addressing climate change", with speakers Simon Trace, Practical Action; Engr. Bahijjahtu Abubakar, National Coordinator, Renewable Energy Programme, Federal Ministry of Environment Nigeria and Women Environmental Programme, Nigeria; Paul Winkel, PowerMundo; and Arthur Laurent, Microsol. SE4All also hosted an event on energy access, in which a number of practitioners participated.

Practitioner Presentations

Sanjoy Sanyal, New Ventures India, sanjoy.sanyal@regainparadise.org

- New Ventures was founded by WRI to explore the integration of green technology innovation, entrepreneurship, and triple bottom line investment.
- Clean energy and water access is a particular focus, where New Ventures is researching specific locations for potential markets for decentralized energy to assist entrepreneurs in meeting the existing demand effectively.
- In the context of India, New Ventures is using public census data from 2011 and 2001 to identify areas where need for electricity can be met appropriately with decentralized solutions. This includes looking at the availability of grid electricity, usage of kerosene, and usage of solar in different districts.

- For those with no access to grid electricity, New Ventures has added criteria of grid growth (number of people with grid access over the last 10 years), financial ability (number of households with bank accounts) and economic buoyancy (households with assets including televisions and motorized vehicles), all based on census data. This will help identify districts with need as well as appropriate market conditions for energy demand, and look at the status of investment if and when the grid eventually arrives.
- New Ventures would like to adapt this work to Kenya, Tanzania, Uganda and Rwanda. Practitioners working in these countries are welcomed to contact Sanjoy to discuss the validity of the abovementioned approach and opportunities for collaboration.

Michael Rosenberg, [Aleutia](#), michael@aleutia.com

- Michael founded Aleutia following challenging experiences in Uganda with second-hand computers, power failures and issues with replacement parts.
- Aleutia manufactures energy-efficient computers and provides low-cost solar installations along with the computer set-up for an affordable ICT solution. Aleutia looks at energy access as a means to enable and leapfrog technology to affect change.
- Aleutia has recently moved out of the education space and entered the healthcare sector, with the same emphasis on leapfrogging; for example, systems enabling near-real time analytics instead of outdated pen-and-paper patient records.
- Aleutia is also looking at merging technologies; for example, providing low-energy smart televisions to those wanting television sets to ensure there is an educational use for children.
- In Kenya, Aleutia has been setting up pre-fabricated classrooms – one in each of the 57 Kenyan counties – that drive down cost of installation and provide a hybrid institution where students can use the classrooms by day, and the community can use them at night for entertainment and computer literacy training.

Events

Be sure to visit our [News](#) and [Events](#) pages to stay informed on all the latest developments and opportunities!

- **World Future Energy Summit (WFES), Abu Dhabi, 19-22 January 2015**
Richenda Van Leeuwen, Executive Director, Energy Access, UN Foundation will be attending. If you would like to arrange a meeting, please contact Madhavi Ganeshan at mganeshan@unfoundation.org.
- **15th Delhi Sustainable Development Summit, 5-7 February 2015**
SE4ALL will have presence at this event. Details to follow.
- **Sankalp Africa Summit 2015, Sankalp Forum, Nairobi, 5-6 February 2015**
- **Tanzania workshop**
UN Foundation is collaborating with WWF and the Tanzanian government to hold a country consultation on energy access as part of the overall country development process under SE4ALL. The event will take place early February in Dar es Salaam, details to follow. If you are based in Tanzania and would like to participate, please contact Aneri Patel at apatel@unfoundation.org.

- **Vienna Energy Forum, 18-20 June, 2015**
- **Annual Sustainable Energy for All Forum, 18-22 May 2015**
We plan on hosting a full day event on various aspects of energy access, either as part of the Forum or in parallel, specifically tailored to Practitioner Network members. We will look to build on the great representation of our membership in New York during last year's Forum, and facilitate international attendance where possible. If you have any feedback from last year's Forum, or would like to make suggestions about the event, please contact Yasemin Erboy Ruff at yerboy@unfoundation.org.

Updates from Call Participants

- Nakul Kadaba, S3IDF, nakul@s3idf.org: The Small-Scale Sustainable Infrastructure Development Fund (S3IDF) is organizing a [workshop](#) in Cambodia on Developing Pro-Poor Enterprises & Investments on January 19, 2015. The workshop will discuss S3IDF's Social Merchant Bank Approach (SMBA), how this can help solve challenges of energy access and associated enterprise development in Cambodia, and provide time & assist with partnership building and project development. Attending organizations include donors, international organizations and associations, financial institutions, MFIs, energy suppliers, NGOs workers, and other practitioners.
- [OpenIDEO](#) and The 11th Hour Project are pleased to invite you to participate in their [Renewable Energy Challenge](#) by contributing your ideas about how communities might lead the rapid transition to renewable energy. Submissions will be accepted through January 25th, and funding and design support may be provided to help bring top ideas to life. Submit your idea [here](#), or email open-partners@ideo.com with specific questions.