**TLUD Gasifier Stoves: Review, Highlights, and Discussion.**

**Morning Informal session at the 2017 GACC Forum in India**

(75-minute session) 7:30 – 8:45 AM Wednesday 25 October 2017

**Organizer: Paul “Dr TLUD” Anderson, PhD** (Email: psanders@ilstu.edu)

(On behalf of TLUD producers and projects to be introduced at the session.)

The Top-Lit UpDraft (TLUD = tee-lud) micro-gasification technology is presented concerning six topics (of approximately 10 to 12 minutes each):

**A. Review** of the TLUD technology and how it is distinctive.

 (Short summary, including major ND and FA types)

**B. Introduction** of current producers and projects, with distribution of printed materials.

 (At least 10 are expected to be represented. NOT corporate sales presentations.)

**C. Summary** of differences and similarities of TLUD products and projects.

 (Structured comments to highlight issues and the diversity of approaches with TLUD stoves)

**D. Successes**, continuing challenges, and ongoing R&D.

 (Especially about costs, user acceptance, fuel options, char-making, and innovative products)

**E. Outline** of opportunities for additional producers and projects.

 (How attendees can initiate TLUD activities in their areas; offers of assistance)

**F. Open discussion**, with efforts to establish communications of mutual benefit.

 Without obligation, the following are anticipated to be present:

Champion TLUD (Moulindu Banerjee, West Bengal, India, currently 3000 sales per month)

Prime Stoves (Jorund Buen of Norway, and M. Nurhuda of Indonesia)

Awamu Biomass Energy (Nolbert Muhumuza of Uganda)

Peko Pe TLUD-ND stoves (Zambia activities with Norway base)

Mimi Moto TLUD-FA stoves (Europe headquarters with international activities)

FAABulous TLUD by Ekasi Energy (David Lello of South Africa)

Juntos Energy Solutions NFP (Carbon Credit TLUD financing, Paul Anderson of USA)

Manufacturers in India (TERI, Abellon, Solo, …)

Manufacturers in China (Silverfire, Shen-Aprovecho, … )

Others (TLUD activists are all welcome and will be introduced)

Of Special Note: TLUD stoves are sure to be mentioned (and sometimes highlighted) at the following sessions of the 2017 Forum in Delhi:

Monday (Pre-Forum) 14:30 – 17:00 “Cooking 101” Overview of stoves and stove activities

Tuesday 14:30 – 16:00 “India Clean Cooking Forum: Session 1” with include panelist Moulindu Banerjee about financing, marketing and acceptance of TLUD stoves. Includes some updates of the highly successful Deganga pilot project.

Tuesday 18:00 – 21:00 “Welcome Reception and Cookstoves and Fuels Exhibition” See the “booth” that will be a gathering point for TLUD stoves, and see the TLUD stoves ignited and in operation during the demonstrations that evening.

Wednesday 07:30 – 08:45 “TLUD Gasifier Stoves: Review, Highlights, and Discussion” Described above.

Wednesday 11:00 – 11:30 “Stories of Impact” Speaker Carlo Figa Talamanca operates in Cambodia a very large production of charcoal from waste (coconut shells) using TLUD pyrolytic combustion.

All days:  We hope and expect that TLUD gasifier stoves and Woodgas fuel will be mentioned in many of the other Forum sessions.

Also, Paul Anderson and other TLUD enthusiasts/practitioners will be available (and seeking contacts) during breaks, meals and other hours.

Friday and Saturday:  Dr. Anderson will be available in Delhi  on the Post-Forum days of Friday and Saturday at locations and times that are not yet specified; (not on a site-visit /field trip); contact him at the Forum.