

Minutes of Cluster Meeting with Brick Kiln Entrepreneurs on “Technology Adoption for Resource Efficient Bricks” (held at Hotel Ideal Tower, Varanasi on 10th June 2010)



The cluster meeting with brick kiln entrepreneurs on “Technology Adoption for Resource efficient bricks (REBs)” was organized at Hotel Ideal Tower, Varanasi on 10th June 2010 was organised by Ent Nirmata Parishad, Varanasi (Varanasi based Local Resources Centre) to promote REB among various stakeholders. This project is supported by UNDP-GEF. The Ministry of Environment and Forests (MoEF) is the executing agency for the project, and TERI is the national partner responsible for implementation of project activities.

The workshop witnessed high participation of more than 35 Engineers, Architect and 35 builders, Kiln owners and others stakeholders. The participants of the workshop included Mr Ravindra, DM, Varanasi (as a chief guest), Mr. R P Goswami, Vice-chairman, Varanasi Development Authority (as a special guest), Ex- HoD Civil Engg., IIT, BHU, Mr Apoorv Vij, Mr. Sachin Kumar, TERI, Mr. Shakti, Neptune Industries, Mehsana, Anil Kumar, BTECON, brick entrepreneurs, representatives from Varanasi Engineers, Builders & Architects Association. Complete list of participant is enclosed as an Annex 1.

Proceedings of workshop

The workshop comprised an inaugural session followed by technical session. The agenda of the workshop is enclosed as Annex 2.

Inaugural session

Mr KK Pandey, President, INP, Varanasi welcomed all participants, guests, and speakers and invited the chief-guest Mr Ravindra, DM, Varanasi and special guest Mr. RP Goswami, Vice- chairman VDA, Varanasi to inaugurate the workshop by lighting the lamp. After welcome and lamp lightening Mr. KK Pandey expressed his pleasure that since 2000, INP is associated with TERI and organising seminar and workshop for energy and resource conservation in brick sector. He began by describing the vital role INP has already played in welfare of association members. He also showed his willingness to serve continuously for implementation of good practices and technology up-gradation in this sector.

After inaugural speech of Mr. Pandey, Mr Sachin Kumar, Fellow, TERI, made a details presentation on resource-efficient bricks (REBs) and project details and the focus areas of its activities. After Mr. Sachin’s presentation, special guest of workshop Mr. RP Goswami, Vice-chairman VDA, Varanasi gave his thought on REB and shared his experience. After Mr. Goswami address, Chief Guest of workshop Mr Ravindra (DM, Varanasi) voiced the need for development and implementation of economic feasible and proven technology for production of REBs, so entrepreneurs can adopt and replicate these technologies without hesitation. Mr. O P Badlani from INP delivered the formal vote of thanks to all participants and Guest.



Technical session

[Coordinated by Mr Anil Kumar, BTECON]

Technical session started with presentation on GRIHA & green building materials made by Mr. Apoorv Vij, TERI. The focus was on importance of REBs in developing green buildings. Next presentation on Resource Efficient Fired Brick Production was made by Mr. Anand Damle, Pune. In his presentation Mr. Damle elaborated various types of Resource Efficient Brick and its production techniques. Mr. O.P. Badalani, Owner of M/s Prayag Bricks gave a comprehensive presentation on Resource Efficient fired product produced by M/s Prayag Bricks and its benefit and market potential. He also shared his experience on marketing potential and associated problems.

Mr Sanjay Singh, representative of Varanasi Engineers Association expressed his view by using REBs we can save top fertile soil and can generate more Roti (grain), Kapara (cotton) and Makan (building materials). Mr A.C Jain, representative, Architect Association, Varanasi, gave his view on REB uses. He request kiln owner's to produce REB with quality and make available for use at affordable price. Mr Ambuj Gupta, President, Builders Association, Varanasi shared a vast experience and thought on use of REBs. He raises an issue on use of REB, which is made in the form of larger blocks and is not liked by masons due to bulkiness. He suggested producing conventional size REBs, such that it can be promoted without any problem. Mr Ramesh Singh, GM, Ganga Pradushan Prevention, Jal Nigam, Varanasi shared his experience on use and promotion of resource efficient material. Prof. Virendra Kumar, Ex-HoD, Civil Engg. Deptt. IIT BHU gave his thought on REBs standards.

An open discussion session with the participants followed. In open discussion mostly question were raised for Mr. OP Badlani, (owner of Eastern UP's single REB producer, Prayag Brick) related with his REB production capacity, number of brick he can supply, supply of porous bricks. Finally, Mr. Pandey announced formal closing of workshop followed by national anthem.

List of Participants

Guest and Speakers

1	Ravindra Kumar	DM, Varanasi
2	Virendre Kumar	Professor Civil Engineering IIT BHU
3	Er.Ramesh Singh	GM Ganga Pollution Prevention, Jal Nigam, Varanasi
4	R.P. Goswami	Vice Chairman ,VDA, Varanasi
5	Er.T.C.Pank (VDA)	Engineer, VDA, Varanasi
6	Anil Kumar	BTECON, New Delhi
7	Sachin KUMAR	TERI, New Delhi
8	Apoorv Vij	TERI, New Delhi
9	Shakti Swaroop	Neptune Industries
10	Pramod Kumar	Prayag Brick Varanasi
11	Kashi Nath	Prayag Brick, Varanasi

Brick Kiln Owners

1	Kamla Kant Pandey
2	Shiv Prakash Singh
3	Heera Lal Yadav
4	Indrabhan Singh
5	Ramashray Singh
6	Arvind Singh
7	Ashok Kumar Singh
8	Samsher Singh
9	Mansha Ram Ahuja
10	Mr. Amar, PN Brick
11	Ramesh Pradwani
12	O.P.Badlani
15	Rajesh Singh
16	Brajesh Singh
17	Sunil Jethani
18	Heeranand Lakhwani
19	Akchhaibar Yadav
20	Bhagirathi
21	Keelchand
22	Dilip Kumar
23	Manoj Kumar Yadav
24	Firoj Ahmad
25	Kamlesh Singh
26	Anil Singh(Mahamantri Jaunpur)
27	Arun Singh (Jaunpur)

Members of Varanasi Engineer's Associations

- 1 Er. Sanjay Singh
- 2 Er. Kamal Yusuf Ansari
- 3 Er. Rakesh Shukla
- 4 Er. Sanjay Mishra
- 5 Er. Himanshu Kumar Ranjan
- 6 Er. Vivek Narain
- 7 Er. Sanjeev Kr. Gupta
- 8 Er. S.K. Rai
- 9 Er. Ajay Kumar
- 10 Er. Ajay Singh Gautam
- 11 Er. Anil N. Kinjawadekar
- 12 Er. Ashutosh Rai
- 13 Er. Harvendra Pratap Singh
- 14 Er. Jamal Yusuf Ansari
- 15 Er. Kumar Neeraj
- 16 Er. Mahendra Pratap Singh
- 17 Er. Nishat Ahamad
- 18 Er. Raghvendra Srivastava
- 19 Er. Ravikant Chaubey
- 20 Er. Prashant Shrivastava
- 21 Er. H.P.Singh
- 22 Er. Jamal Yusuf Ansari
- 23 Er. Kripa Shankar Singh
- 24 Er. Jitendra Singh

Members Varanasi Builder's Association

- 1 Mr. Abhinav Pandey
- 2 Mr. Ambuj Kr. Gupta
- 3 Mr. Mayank Kr. Gupta
- 4 Mr. Rishabh C. Jain

Members Varanasi Architect's Association

- 1 Ar. Ajay Singh
- 2 Ar. G.S. Shukla
- 3 Ar. R.C. Jain

Press members

- 1 Neeraj Baba
- 2 Sunjay Singh
- 3 Ravi Tripathi
- 4 Anil Priye
- 5 Vijay Singh
- 6 Kishor Singh
- 7 Maneesh Chaurasiya
- 8 Sanjeev Gupta

- Den Kashi News
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Aaj Press
Dainik Jagran
City Channel
City Channel

PROGRAMME SCHEDULE**Regional awareness workshop on promoting Resource Efficient Bricks (REBs) in Varanasi region****(UNDP-GEF supported Project: Energy efficiency improvement in Indian Brick Industry)****Venue: Hotel Ideal Tower, Varanasi****Date : 10.06.2010****Organized by: Int Nirmata Parishad, Varanasi, (Varanasi based LRC**

Inaugural Session	
5:30 – 6:00	Registration
6:00– 6:05	Guest's welcome on Dais
6:05 – 6:06	Announcement of program beginning by President, INP Varanasi.
6:06 – 6:08	Ishwar Vandana- by Mr. Hira Lal
6:08 – 6:11	Lamp- lightening
6:11 – 6:20	Welcome address – by Mr.K.K.Pandey, INP President
6:20 – 6:28	Presentation on UNDP/GEF brick project- by Mr.Sachin Kumar, TERI, New Delhi.
6:28 – 6:36	Address Speech - By Special Guest Mr. RP Goswami
6:36 – 6:45	Address Speech – By Chief Guest. Mr. Ravindra Kumar
6:45 - 6:48	Token Distribution
6:48 – 6:50	Vote of Thanks.
6:50– 7:00	Tea Break

Technical Session	
7:00 – 7:15	Presentation on GRIHA & GREEN Building Material-by Mr.Apoorv Vij, TERI
7:15 – 7:30	Resource Efficient Fired Brick Production- by Mr. .Anand Damle, Pune
7:30 – 7:40	Presentation on Resource Efficient fired Brick – By Mr.O.P.Badalani (Prayag Bricks)
7:40 – 7:50	Contemplation on REBs – by Mr. Sanjay Singh, of Varanasi Engineers Association.
7:50 – 8:05	Use and importance of REB- by Mr. A.C Jain, Architect Association, Varanasi.
8:05 – 8:15	Experience and thought on use of REB- by Mr. Ambuj Gupta, Builders Association, Varanasi.
8:15 -8:25	Experience sharing- by Mr. Ramesh Singh, GM – Jal Nigam, Varanasi
8:25 – 8:40	Thought on REBs – by Prof. Virender Kumar, Ex-HoD, Civil Engg. Deptt. IIT BHU
8:40 – 9:00	Open Discussion
	Closing Remarks (KK Pandey) followed by National Anthem
	Dinner