

**Outcome of the two days Seminar “Management of Paddy Straw for Bio CNG, Manure,
Employment and Swachh Bharat from 16-17 May, 2018**

The Seminar was inaugurated by Shri O.P. Dhankar, Minister of Agriculture, Haryana. The Valedictory address was given by His Excellency Kaptan Singh Solanki, Governor of Haryana who was greatly appreciative of CRRID’s activities towards Society.

Capt. Amarinder Singh, Chief Minister Punjab sent the following Message:

“I hope the brainstorming sessions during the seminar with proactive participation of experts, researchers, environmentalists, scientists and progressive farmers will help in evolving consensus to formulate a concrete policy to resolve this issue permanently”.

Subsequently the presentation was made to the Chief Minister, Punjab with the following recommendations:

- About 20 million tones of paddy straw is a valuable as raw material to set up industry in Punjab state.
- About 1,111 plants (one for each cluster of 11-12 villages) can be set up with investment of Rs. 18,000 crores (Rs. 18,000 per acre of net sown area). With multiplier of three in five years it comes to Rs. 54,000 crore investment.
- It will generate 2.26 million tones of CNG, 12 million tones of Bio-compost (manure) and about 2 million kilo litres of liquid manure with following per annum returns:
 - i. Sale of CNG & slurry by the gas producers @ Rs. 40 per Kg Rs. 14,000 crore
 - ii. Additional income of farmers from compost @ Rs. 20 per kg Rs. 24,000 crore
 - iii. Income of farmers from paddy straw sale @ Rs. 2000 per acre Rs. 15,000 crore
 - iv. Revenue to the state @ 5% GST Rs. 1,300 crore
- It will generate one lakh primary (with multiplier of 1.5) and 1.5 lakh persons secondary employment.

Following the recommendation, the Punjab Government gave approval to the Virbio, a German Company with a Foreign Direct Investment of Rs. 1000 crores to set up 10 plants in Punjab alone.