



KAMARAJ IAS ACADEMY
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National Bio Energy Programme

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Why is in news? Ministry of New and Renewable Energy initiates National Bio Energy Programme to utilize surplus biomass for power generation

The **Ministry of New and Renewable Energy** (MNRE) has notified the National Bioenergy Programme on 2nd November, 2022.

The programme has been recommended **for implementation in two phases**. This programme has a provision of **Central Financial Assistance** (CFA) for various components related to Power generation, Biogas/BioCNG generation and Briquette/Pellet manufacturing, wherein **Biomass is one of the major feedstock material**, which primarily shall be sourced from rural areas.

The National Bioenergy Programme shall **not only promote the utilization of surplus biomass but also provide an additional source of income for rural households**.

Salient features and implementation mechanism:

Waste to Energy Programme: The objective of this programme is to **support setting up of waste to energy projects** for generation of Biogas/BioCNG/Power/producer or syngas from urban, industrial and agricultural wastes/residues.

Biomass Programme: The objective of this programme is to support setting up of **Biomass Briquette/Pellet manufacturing plants and Biomass (non-bagasse) based cogeneration projects** in the country.

Biogas Programme: The objective of this programme is to support setting up of biogas plants for clean cooking fuel, lighting, meeting thermal and small power needs of users which ultimately results in GHG reduction, improved sanitation, women empowerment and creation of rural employment.

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