

Do you think that India's energy mix has taken the path of sustainable development and energy transition for a clean and green future? Critically Analyse.

Recently In Budget of 2021 for FY 2021-22 Government announced an investment of approx. 3.05 lakh crore for energy and also some steps to reduce emission.

★ Steps taken by Government :-

→ Announced to convert all diesel based railway engines into electric based engine

→ Planned to improve infrastructure and connect to every city with Gey Connection

→ Will be providing and expanding schemes like Ujwala Yojana scheme to ~~8~~ crore people.

→ Will be making independent Gas Transport System etc

★ Energy Mix :-

→ Govt has implemented the BS-6 Bharat Stage - 6 (BS-6) variant engine module

→ started to shift to electric and also promoting through

→ Govt providing incentives promoting the use of CNG for two-wheeler and H-CNG gas for heavy ~~vehicle~~ vehicles and buses

→ Also establishing Compressed Biogas Plant (CBG) to enhance production and increase the demand.

↳ will help people to shift easily and cheaply.

A Sustainable development and Energy Transition for Clean and Green future

→ launched many project for Gas Pip transport.

→ increasing the target for Gas transport and construction of infrastructure.

→ Increased target of renewable energy resource to ~~450~~ 450 Cr W. by 2030.

<u>Benefit</u>	<u>Disadvantage</u>
→ help to <u>environment</u>	→ takes <u>time</u> to gain <u>trust</u> by people
→ improve <u>health</u> of people	→ no such <u>disadvantage</u> to people <u>environment</u> and <u>economy</u>
→ <u>cheap and easily available</u> resource	
→ <u>for good for economy</u>	

Way Forward:

→ Need to expand the scope of people

→ Need to encourage for smooth transition and shifting

→ Need to improve infrastructure

→ Need to publicise and create awareness the programme for to people to gain or take advantage