



New Website of Ministry of New and Renewable Energy

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Why in News

- Recently, a new website of the Ministry of New and Renewable Energy was launched.
- The Ministry website hosts **KUSUM Scheme Portal, Akshay Urja Portal** and **India Renewable Idea Exchange (IRIX) Portal**.

KUSUM Scheme

- KUSUM stands for **Kisan Urja Suraksha evam Utthaan Mahabhiyan**. It's **objective is to provide financial and water security to farmers** through harnessing solar energy capacities of 25,750 MW by 2022.
- The scheme consists of **three components**:
 - Installation of ground mounted grid connected renewable power plants in the rural areas.
 - Installation of standalone solar powered agriculture pumps.
 - Solarisation of grid-connected agriculture pumps to make farmers independent of grid supply and also enable them to sell surplus solar power generated to DISCOM.

Benefits

- **Stable and continuous source** of income to the rural landowners.
- Availability of **sufficient local solar/other renewable energy** based power for feeding rural load centres and agriculture pump-set loads.
- **Reducing transmission losses**.
- **Save the expenditure** incurred on diesel for running diesel pumps.
- **Substantial environmental impact** in terms of savings of CO₂ emissions.

India Renewable Idea Exchange (IRIX)

IRIX is a platform that promotes the exchange of ideas among energy conscious Indians and the Global community.

Source: PIB