



# CURRENT AFFAIRS



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## ENERGY TRANSITION INDEX

*This article covers "Daily Current Affairs" and the topic details "Energy Transition Index". The topic "Energy Transition Index" has relevance in the Environment section of the UPSC CSE exam.*

### **For Prelims:**

*What is the Energy Transition Index?  
Reports published by WEF?*

### **For Mains:**

*GS 3: Environment  
Key Highlights of the Energy Transition Index  
About WEF?*

### **Why in the news?**

According to the World Economic Forum's 2023 report, India & Singapore are the only major economies showing transition momentum by advancing sustainability, energy security & equity in a balanced way.

### **What is the Energy Transition Index?**

The Energy Transition Index is an index developed by the World Economic Forum (WEF) to assess the readiness of countries to transition to a sustainable, reliable, and inclusive energy system. It measures the performance of countries across various dimensions related to energy transition, including energy policy and regulation, system performance, infrastructure, environmental sustainability, and access to energy.

### **Key Highlights of the Energy Transition Index:**

- Sweden topped the list, followed by Denmark, Norway, Finland, and Switzerland in the top five.
- France was the only G20 country in the top 10, followed closely by Germany, the U.S., and the U.K.

### **Global Outlook:**

- Global average ETI scores increased by 10% since 2014 but showed only marginal growth in the past three years.
- Only 41 countries have made steady progress in the past decade.

### **India's Energy Transition Progress:**

- With significant improvement in key parameters of energy equity & security, and environmental sustainability, India jumped 20 places to the 67th position among 120 countries in the 'Energy Transition Index' (ETI)
- Universal electricity access, clean cooking options, and renewable energy deployment have improved India's performance.
- Low reliance on natural gas and effective utilization of existing capacities helped India withstand the recent energy crisis.

**Concerns for India's Energy Transition:**

- Rising import dependence amid global energy market volatilities.
- Predominantly carbon-intensive energy mix.
- Balancing economic growth and creating quality jobs for the growing working-age population.
- Recommendations for India's Energy Transition:
- Sustained momentum, effective policy management, and partnerships are crucial.
- Promoting clean energy investments, innovation, and energy efficiency while ensuring inclusivity.
- Building a skilled workforce, fostering public-private collaboration, and investing in low-carbon technology research and development.

**About the World Economic Forum (WEF):**

- WEF is a Swiss nonprofit foundation established in 1971, based in Geneva, Switzerland.
- Recognized by the Swiss authorities as the international institution for public-private cooperation.
- Committed to improving the state of the world by engaging business, political, academic, and other leaders of society to shape global, regional, and industry agendas.
- Founder and Executive Chairman: Klaus Schwab.

**Major Reports Published by WEF:**

- Global Competitiveness Report.
- Global IT Report (published with INSEAD and Cornell University).
- Global Gender Gap Report.
- Global Risk Report.
- Global Travel and Tourism Report

**Source:**

<https://theprint.in/environment/india-ranks-67th-on-wefs-energy-transition-index-over-10-percentage-point-improvement-in-score/1645361/>

**Q.1 Which of the following gives 'Global Gender Gap Index' ranking to the countries of the world?**

- (a) World Economic Forum
- (b) UN Human Rights Council
- (c) UN Women
- (d) World Health Organization

**Answer: (a)****Q3. The Global Competitiveness Report is published by?**

- (a) International Monetary Fund
- (b) United Nations Conference on Trade and Development
- (c) World Economic Forum
- (d) World Bank

**Answer: (c)****Q.3 Discuss the challenges and opportunities in achieving a successful energy transition for developing countries. How can developing countries balance their energy needs with sustainable development goals? Provide examples and suggestions for effective strategies****Rishabh**