

JYOTIDARPAN

THINK SUSTAINABILITY

23rd Edition
2024-25

A SUSTAINABLE WORLD

In a world that we wish to be green and clean,
Sustainable development should be our dream.

Use resources wisely,

To ensure a future that can be spent nicely.

Solar power, wind, and rain,
Harnessing energy, not in vain.
Reduce, reuse, recycle too,
Keeping our planet's health in view.

Planting trees, protecting wildlife,
Balancing development with nature's life.
Together, we can make a change,
a sustainable world, let's arrange.

THANK YOU

-Soumaditya Ghosh IXB



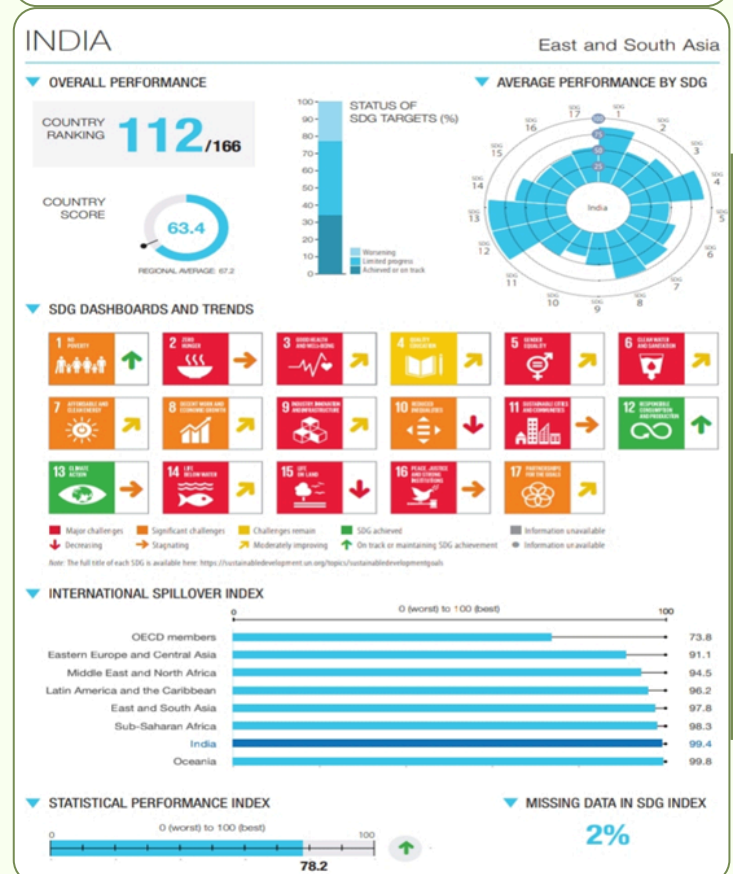
THE SDG INDEX AND DASHBOARDS

The SDG Index is an assessment of each country's overall performance on the 17 SDGs, giving equal weight to each Goal. The score signifies a country's position between the worst possible outcome (score of 0) and the target (score of 100). The dashboard and trend arrows help identify priorities for further actions and indicate whether countries are on track or off track to achieve the goals and targets by 2030, based on latest trend data. The 2023 SDG Index edition includes 97 global indicators. Two-thirds of the data come from official statistics (typically United Nations custodian agencies) with one third from non-traditional statistics, including research centres, universities, and nongovernmental organizations. Published since 2015, the SDG Index and Dashboards has been peer-reviewed and the global edition has been statistically audited by the European Commission in 2019.

-Avilasha Sarkar XIIC

SUMMARY OF 'SUSTAINABLE DEVELOPMENT REPORT 2023'

1. At the midpoint of the 2030 Agenda, all of the SDGs are seriously off track.
 2. At their core, the SDGs are an investment agenda: it is critical that UN Member States adopt and implement the SDG Stimulus and support a comprehensive reform of the global financial architecture.
 3. All countries, poorer and richer alike, should use the half-way momentum to self-critically review and revise their national SDG strategies and commit to strengthening multilateralism.
 4. Further investment is needed in statistical capacity and data literacy to support long-term pathways for key SDG transformations.
 5. The SDSN and its global network will double-down on efforts to implement the SDGs by 2030 and beyond.
- *SDG: Sustainable Development Goal,
SDSN: Sustainable Development Solutions Network.



ACHIEVING ENVIRONMENTAL SUSTAINABILITY



Asmita Batabyal IXB

A WORLD WHERE EVERY HEART IS KIND

In the garden of progress, seeds of change we sow,
Sustainable futures, in the sunlight's glow.

With every step forward, we tread with care,
For a world where all life breathes the same air.

Through forests deep and oceans wide,
Sustainability's promise, our constant guide.
A tapestry woven with threads of green,
In balance with nature, a harmonious scene.

From bustling cities to untouched lands,
Sustainability's touch, in every hand.
With innovation's fire, we light the path,
Towards a tomorrow where beauty lasts.

Hand in hand, we build anew,
With stewardship's call, our compass true.
For in sustainable development, we find,
A world where every heart is kind.

-Koushani Bhadury XIIA

·In September 2015,193 countries met at the UN to adopt 17 global goals. These 17 goals provides a road map that would help the world achieve “Sustainable Development “. You have probably heard the term “Sustainability ” in some context or another. It’s likely that you have used some product or services that was labeled as Sustainable, or perhaps you are aware of a campus or civic organization that focuses on sustainability. It’s a bit weird because after using most of the natural resources nearly at the verge of destroying the “EARTH”, out of nowhere we or some people suddenly remembered about the “Sustainable Development “ and wants to start a new future by respecting the nature. Its never late to start new.

·Nowadays the current economic, environmental and social problems the world faces are the results of different human activities. Economists support the ideas of development and economic growth and are crucial for poor countries to achieve the basic standards of life. In order to shorten these differences, Sustainable Development ” emerged as the result of two main documents, “THE WORLD CONSERVATION STRATEGY ” and “OUR COMMON FUTURE” issued in 1980 and 1987.

·Sustainable Development is an approach to growth and human development that aims to meet the needs of the present without compromising the ability of future generation to meet their own needs.

·Karnataka aims to completely eradicate poverty in the state by 2030. The shelter aims to eradicate with policies of food, shelter, MGNREGS and other safety net schemes of the government.

·In conclusion, the above mentioned paragraphs shows that many people are getting aware of the “Sustainable Development ” and looking forward in applying these measures. To save the world, first we need to be aware of the things happening regarding this . We need to have knowledge about this topic and most importantly respect and love the earth as our own. The government has also developed many schemes regarding “Sustainability”.

-Sreejita Jana IX B



**"THINK GREEN,
ACT GREEN"**





सतत विकास।

हमारे रोज़ के जीवन में कुछ ऐसी चीज़ें भी हैं जिनका हम बहुत ज्यादा इस्तेमाल करते हैं, उनके लाभ या हानि को देखे बिना। भविष्य काल में यही कुछ वस्तुएं हैं जो हमारी आने वाली पीढ़ी की भी जरूरत बनेंगी। क्या हम इन वस्तुओं का इतना ज़्यादा इस्तेमाल करके आने वाली पीढ़ी के लिए कुछ बचा पाएंगे? इसका उत्तर है नहीं। आजकल हम सब कहीं न कहीं इन वस्तुओं का बहुत ज्यादा इस्तेमाल करके हमारी आगे आने वाली पीढ़ी के लिए कुछ नहीं बचा रहे हैं और खर्च कर रहे हैं।

'सतत विकास' इसी समस्या का समाधान करने की योजना है, जो बहुत सारे देशों ने मिलकर निकाला है। इसका लक्ष्य है -
क. ऐसे विकास को बढ़ावा देना जो पर्यावरणीय समस्याओं को कम करे।

ख. भविष्य की पीढ़ियों के लिए पर्यावरण की गुणवत्ता से समझौता किए बिना मौजूदा पीढ़ी की जरूरतों को पूरा करना।

इसे मूल रूप से 1987 में ब्रुटलैंड रिपोर्ट द्वारा आगे लाया गया था। सतत विकास को पांच मार्गदर्शक सिद्धांतों के माध्यम से सरल बनाया जा सकता है। रियो डी जनेरियो में 1992 के पृथ्वी शिखर सम्मेलन में शुरू हुई रियो प्रक्रिया ने सतत विकास की अवधारणा को अंतर्राष्ट्रीय एजेंडे पर रखा है। 2015 में संयुक्त राष्ट्र महासभा (यूएनजीए) ने वर्ष 2030 के लिए सतत विकास लक्ष्यों को अपनाया। ये विकास लक्ष्य वैश्विक चुनौतियों का समाधान करते हैं, जिनमें उदाहरण के लिए गरीबी, जलवायु परिवर्तन, जैव विविधता हानि और शांति शामिल हैं।

-Trisha Prasad XIIA

THE GLOBE

When I was born
I was given a ball
The ball was;
green and blue.
My mother said,

"SHARE AND TAKE CARE, IT BELONGS TO OTHERS."

THANK YOU

-Tapanita Bera IXC

টেকসই উন্নয়ন / SUSTAINABLE DEVELOPMENT

উন্নয়ন মূলক কর্মকাণ্ডের মাধ্যমে বর্তমান প্রজন্মের চাহিদা মেটানোর পাশাপাশি সেসব যাতে ভবিষ্যৎ প্রজন্মের চাহিদা মেটানোর ক্ষেত্রে বাঁধার কোন কারণ হয়ে না দাঁড়ায়, সেদিকে বিশেষভাবে লক্ষ্য রেখে পরিকল্পিত উন্নয়নই হল টেকসই উন্নয়ন। টেকসই উন্নয়ন মূলত ভবিষ্যৎ প্রজন্মের কথা ভেবে গৃহীত একটি উন্নয়ন পরিকল্পনা।

টেকসই উন্নয়ন কেবলমাত্র পরিবেশ সংরক্ষণ এবং অর্থনৈতিক উন্নয়নই নয়, বরং সামাজিক এবং মানবিক উন্নয়নও এর লক্ষ্য।

তাই এক কথায় টেকসই উন্নয়ন হলো।

ভবিষ্যৎ প্রজন্মের নিজস্ব চাহিদা পূরণের সম্ভাবনা বা সক্ষমতার সাথে কোন ধরনের আপোস না করে বর্তমান প্রজন্মের চাহিদা পূরণ করা।

বর্তমান উন্নয়ন অর্জন করতে নিম্নলিখিত বিষয় গুলির প্রতি বিশেষ গুরুত্ব দেয়া খুব জরুরী -

- ১) বর্তমান পরিবেশ
- ২) বর্তমান পৃথিবী
- ৩) বর্তমান মানব উন্নয়ন
- ৪) স্বল্প অপচয়



টেকসই উন্নয়নের প্রধান উদ্দেশ্য -

১. বৈজ্ঞানিক পদ্ধতিতে সম্পদের সঠিক ব্যবহার
২. জীববৈচিত্র্যের সংরক্ষণ
৩. সামাজিক ন্যায় বজায় রেখে সম্পদের ব্যবহার করা
৪. সম্পদের সঠিক ব্যবহার
৫. মানুষের বিকাশ - ভালো স্বাস্থ্য, শিক্ষা ইত্যাদি
৬. মানুষ কে বিশ্ব সম্পদের সীমাবদ্ধতা সম্পর্কে বোঝানো
৭. দারিদ্র্যতা ও ক্ষুধার্ততা দূর করা, স্বাস্থ্যকর জীবন নিশ্চিত করা

টেকসই উন্নয়নের গুরুত্ব -

- উপলব্ধ সংস্থানগুলি যথাযথভাবে ব্যবহার করতে শেখায়।
- আমাদের বায়ু, জল এবং বাসস্থানকে রক্ষা করে, সমস্ত জীবন্ত জিনিসের জন্য তাদের নিরাপদ রাখে।
- টেকসই উন্নয়ন আমাদের প্রাকৃতিক দুর্যোগ, আর্থিক সমস্যা বা স্বাস্থ্য সংকটের জন্য প্রস্তুত থাকতে সাহায্য করে।
- এটি বড় সমস্যা সমাধানের জন্য দেশ ও জনগণের মধ্যে একসঙ্গে কাজ করার উৎসাহ দেয়।
- কম বর্জ্য তৈরি করে, টেকসই উন্নয়ন আমাদের খরচ কমাতে সাহায্য করে।

-Soumee Gayen XIIA

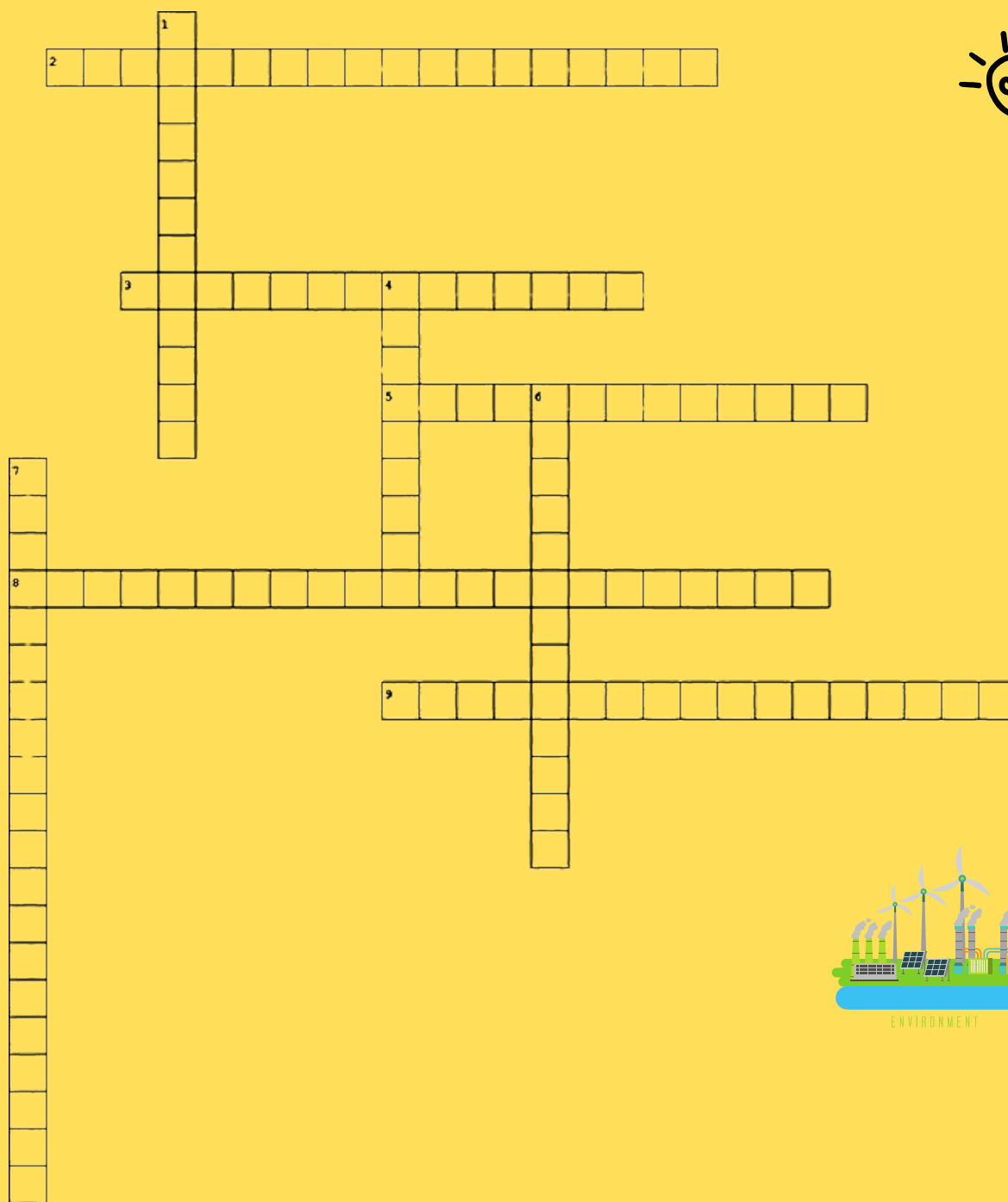




QUIZ

- Any contaminated components that seep into the soil, filtration, and are transferred into the underground reservoir are referred to as
- Which resource is South Africa's most important export?
- What year did the concept of sustainability first appear?
- In the year, the U.N. General Assembly constituted a Committee on Sustainability (CSD).
- The vast holes left behind after mining are utilised for
- Mercury, as well as leads, are poisonous substances that contribute to
- The alternative name for landscaping is
- When the value of a mineral stays strong, the company looks for
- Sustainability Science is the application of concepts such as ___ and sustainable development.
- United Nations (UN) era of schooling for sustainable growth is from

CROSSWORD



Across

Down

- The efficient use of resources to minimize waste and environmental damage.
- The global agreement aimed at combating climate change.
- The three pillars of sustainable development: _____, social, and economic.
- The responsible consumption and production of resources to meet current needs without compromising the ability of future generations to meet their own needs.
- The practice of designing products to be reused or recycled at the end of their lifespan.

- The preservation and protection of natural resources and the environment.
- Energy derived from sources that are replenished naturally such as sunlight or wind.
- The process of planting trees to replace those that have been cut down.
- A measure of the total value of goods and services produced within a country's borders, often used as an economic indicator.



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