

REIAI Weekly E-Newsletter

# Recycling & Environment

Year 6, Issue no. 23



“One of the first conditions of happiness is that the link between man and nature shall not be broken..”

*Leo Tolstoy*



Five More Gravel Mines in Rajasthan will get mining Clearance in Rajasthan, The process of environment NOC is going on in the final stage.

## TOP NEWS INSIDE

- IFFCO launches world's first nano liquid urea
- 17 major coal fly ash incidents in India last year: Report
- Corona curfew curbs, rain help improve air quality of UP cities
- Why Has the River Ganga Turned Green in Varanasi?
- Kerala calls for strict compliance of solid waste management rules



**K P Nyati**

Executive Director & Founder

## The Journey continues

As stated earlier, only three activities, viz, mining, farming and manufacturing are wealth generating activities. Full stop. Let us first look at farming, whether you farm various cereals, vegetables, fruits, etc. and poultry or such activities. What it means is that all the raw materials for all we eat, come from farming. Not only food items, edible oils, spices tea, coffee & many more, all are produced in farms. The immunity boosters whose consumption in this COVID time has dramatically increased, all of them come from farms. Even items that are inedible, like natural rubber, inedible oils that now are used to produce soaps, doormats, tyres etc. essentially come from farms, fields and forests. If one looks around, one can find the critical importance of farming activities for our day-to-day survival.

There was also a time, when our country could not produce enough food and had to get food aid from other countries. For instance, PL-480 food shipments from USA. It may be noted that we did not buy these shipments. Such food shortages also used to happen in many developing but poor countries due to droughts and other reasons and many lives were lost on account of resultant hunger.

This brings us to the crucial question of increasing productivity and efficiency of farming activities. One therefore can envisage the need of better & disease resistant seeds, fertilizers, pesticides, etc. for agrifields, orchards and better care, nutritious foods etc, for cattle and poultry farms. One also can visualize need of scientific approach and mechanization of farming activities. Operation Flood for increasing milk production and Green Revolution for self sufficiency on the food front are shining examples of such concerted efforts and approach.

Integral to these well directed above efforts, is the ever-growing contribution of the manufacturing activities, in terms of providing requisite tools like tractors, thrashers, pumpsets, pipes and other accessories for water efficient irrigation and so on.

In farms, you grow wealth and one can never grow enough, without modernizing and innovating in a sustained manner. By selling farm wealth one can get the currency or money. We can't eat money. We need enough calories and nutrition to keep ourselves fit and agile, and to keep at bay the ill effects of undernourishment. Money can buy the requisite food, only & only when our farms can provide their produce at affordable prices. In that sense farming activities that generate food wealth are priceless. Hence this wealth indeed is wealth, without which we are yet to learn, how to live and survive.

Next week, we shall attempt to appreciate the manufacturing activities.



## Message from Director General

Friends,

The theme for this year's World Environment Day is 'Ecological Restoration'. However, this year's WED comes under the grim scenario of lives and livelihoods destroyed by the Covid-19 pandemic. The lack of consumption, while giving a breather to the environment and ecology, has wrought unprecedented misery to millions across the world and especially in our country. It has brought out very clearly that reducing consumption beyond a point is not what's in the overall interest of the society and the globe. The need of the hour is responsible production and consumption: taking care of the environment and ecology as well as society and making responsible choices at the stages of both production and consumption.

What's the importance of recycling in the current situation? Recycling puts back resources into the production and consumption cycles with a fraction of environmental and ecological burden compared to extraction of primary resources. For this reason, recycling has been termed as 'urban mining'. That belief is the *raison d'être* for this Association's existence. We shall continue to do all that's required to promote recycling and circular economy. Fortunately, Govt of India and NITI Aayog are taking the right initiatives to promote Circular Economy and Resource Efficiency.

The journey begun by our founder Mr K. P. Nyati in this episode takes you through the importance of farming and forestry as not only wealth-generating activities but also the activities which sustain and nourish life itself. Do travel on this exciting journey!

We at REIAI do hope you are enjoying the redesigned newsletter and find the news interesting and useful. We look forward to receiving your feedback on how to improve and enrich the content further.

Happy reading!



**R K Bansal**

Secretary & Director General



# Environment



## Five More Gravel Mines in Rajasthan will get mining Clearance in Rajasthan, The process of environment NOC is going on in the final stage.

After waiting for three and a half years in the state, the process of granting leases to the lease holders for gravel mining has started. After waiting for three and a half years in the state, the process of granting leases to the lease holders for gravel mining has started. After waiting for three and a half years in the state, the process of granting leases to the lease holders for gravel mining has started. The state government has given lease to 3 leases for gravel mining a day ago. Now the process of getting Environment NOC for leasing out 5 more leases has accelerated. Five leases can get environment clearance certificate in 3 months. After that the state government will issue lease to these mines also.

The three gravel leases to which the Department of Mines and Earth Sciences have issued leases on Thursday. He was issued NOC by the Union Ministry of Forest and Environment in October 2020. The state government was engaged in the study for eight months.

[Read more](#)



## NGT orders U.P. govt. to take action on illegal sand mining

Taking note of an earlier order passed by the Tribunal, a Bench headed by NGT Chairperson Justice Adarsh Kumar Goel said, "...this application stands disposed of with a direction to the Chief Secretary, U.P., and District Magistrate Hamirpur, to look into the matter and take remedial action following due process of law."

[Read more](#)



## IFFCO launches world's first nano liquid urea

IN A breakthrough, the Indian Farmers Fertiliser Cooperative Limited (IFFCO) on Monday launched the Nano Urea Liquid, a nutrient to provide nitrogen to plants as an alternative to the conventional urea.

[Read more](#)

# Environment

## Without switch to green energy, EVs can increase Co2 emissions in MMR by 7%-26%

Introducing electric vehicles (EVs) in the Mumbai Metropolitan Region (MMR) without adopting sustainable modes of generating electricity may lead to a 7% to 26% increase in carbon dioxide (CO2) emissions by 2050, finds a recent study by researchers at the Indian Institute of Technology-Bombay (IIT-B).

Introducing electric vehicles (EVs) in the Mumbai Metropolitan Region (MMR) without adopting sustainable modes of generating electricity may lead to a 7% to 26% increase in carbon dioxide (CO2) emissions by 2050, finds a recent study by researchers at the Indian Institute of Technology-Bombay (IIT-B). On the other hand, switching to greener modes of electricity generation can bring carbon dioxide emissions down by 27% to 41%.

The study by Deepjyoti Das, Pradip Kalbar and Nagendra Velaga was published in the peer-reviewed Journal of Cleaner Production on May 1.

[Read more](#)



## 17 major coal fly ash incidents in India last year: Report

A new report by the Legal Initiative for Forests and Environment (LIFE) and Health Energy Initiative (HEI), India, has found that pollution from coal fly ash was rampant across the country between April 2020 and March this year

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## World Environment Day 2021: UNEP report to launch today.

The theme of World Environment Day 2021 is 'Reimagine. Recreate. Restore.' as this year marks the beginning of the United Nations Decade on Ecosystem Restoration.

[Read more](#)



## NGT raps Maharashtra EIA authority over violations during infra works

NGT has expressed concerns over the functioning of the Maharashtra State Environment Impact Assessment Authority (SEIAA), calling into question the manner in which the latter has allowed "continuous violation of environment norms in construction projects"

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# Environment

## Kerala Tops Again, Bihar Last In NITI Aayog Sustainable Development Index

The index, developed in collaboration with UN in India, measures the progress at the national and sub-national level in India's journey towards meeting the global goals and targets and has been successful as an advocacy tool to propagate the messages of sustainability, resilience, and partnerships.

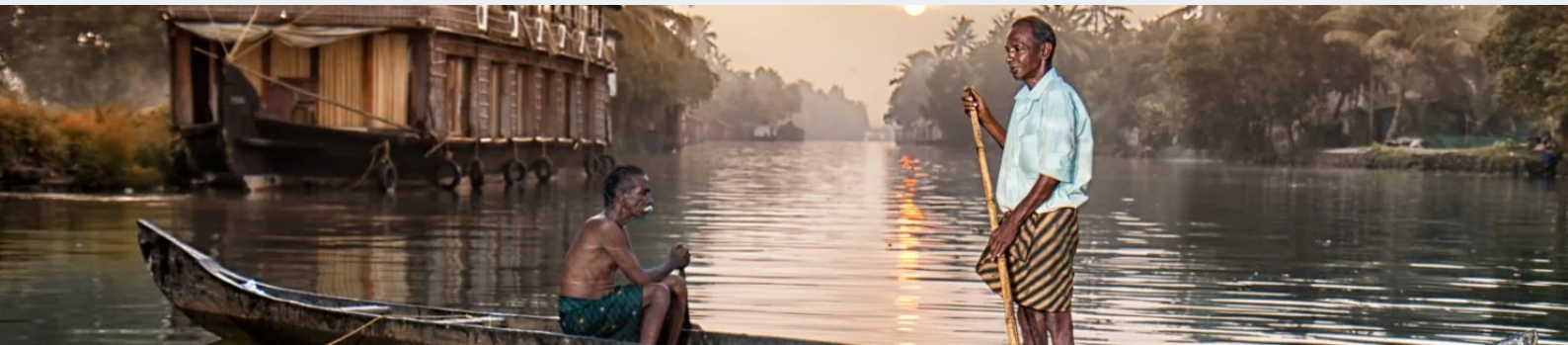
Kerala retained its rank as the top state with a score of 75. Both Himachal Pradesh and Tamil Nadu took the second spot with a score of 74.

Bihar, Jharkhand and Assam were the worst performing states in this year's India index.

The third rendition of India's SDG Index was launched by NITI Aayog Vice Chairman Rajiv Kumar on Thursday.

Further, Chandigarh maintained its top spot among the UTs with a score of 79, followed by Delhi (68).

[Read more](#)



## Juhi Chawla moves Delhi High Court on 5G technology

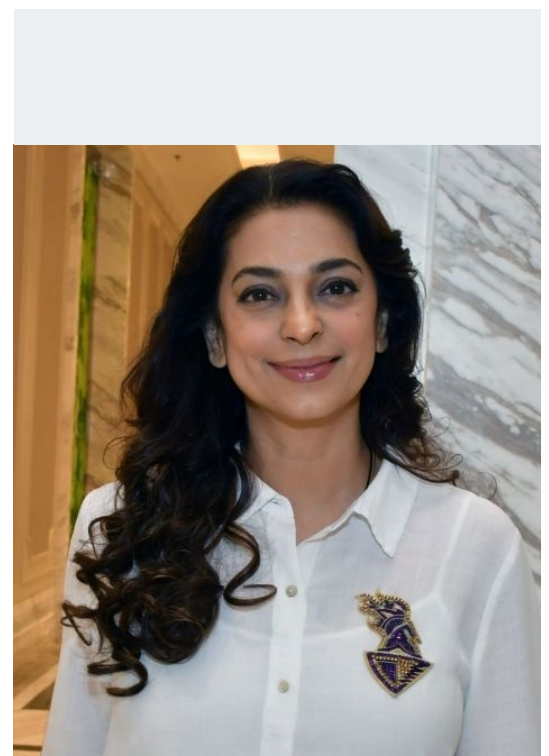
The actor seeks study on any adverse effects of radiation emitted by cellular telecom on health before the rollout

Bollywood actor Juhi Chawla has moved the Delhi High Court seeking a scientific study on any adverse effects of radio-frequency radiation emitted by cellular telecommunications using 5G technology on 'health, life, organ or limb of adult or child, or to flora and fauna' before its official rollout in the country.

The petition, which will be taken up on June 2, has sought a direction to the government and the Science and Engineering Research Board (SERB) in particular to certify that deployment of 5G technology for cellular communications posed no reasonable risk or hazard.

Ms. Chawla, in her petition along with Veeresh Malik and Teena Vachani, has also urged the authorities to rope in the Indian Council of Medical Research (ICMR), the Central Pollution Control Board (CPCB), and the Telecom Regulatory Authority of India (TRAI) to conduct their respective study on the issue.

[Read more](#)



## Air Pollution



### Corona curfew curbs, rain help improve air quality of UP cities

The cyclone –induced rain and the curbs during the period of corona curfew in Uttar Pradesh helped better the Air Quality Index (AQI) of many cities in May as per data of the Central Pollution Control Board (CPCB)

According to experts, beside corona curfew curbs, the above average rainfall across the state also led to improvement of air quality. The state recorded more than 60 mm of rainfall in May, almost double than the normal rainfall “The state recorded around 12 days of rainfall caused by western disturbances or conditions caused first by Tauktae and Yaas cyclones. There were rain, thunderstorms and strong winds in most parts of the state,” said state MeT department director JP Gupta.

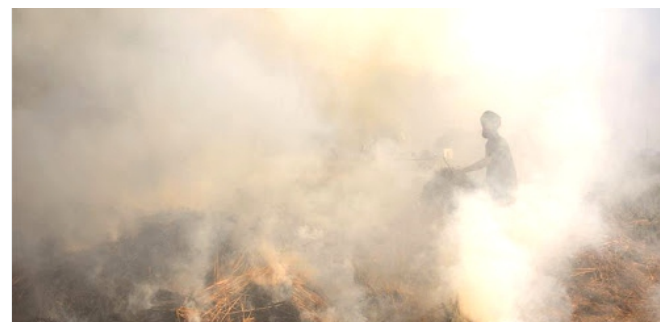
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### NGT refuses to allow brick kilns in NCR during monsoon months

The National Green Tribunal (NGT) has junked a plea seeking a review of its order banning operation of coal-fired brick kilns in the NCR beyond June during the monsoon months.

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### Karimnagar farmers warned against stubble burning

Even while raising awareness on damage the stubble burning causes to environment as well as their own fields, the State Agriculture and Fire Departments warned the farmers not to continue with such practice, which is quite rampant in rural areas across the erstwhile Karimnagar district.

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# Water Pollution



## Why Has the River Ganga Turned Green in Varanasi?

It has been a few days since the colour of the Ganga river in Varanasi turned green - and not exactly with envy.

The change in the colour of the water has become a major cause of concern for the local people - more so, because in the same period last year, during the first wave of the pandemic, the Ganga water had become sparkling clean, mainly due to less pollution.

The local residents, meanwhile, claim that this is the first time that the Ganga has turned 'so green'.

[Read more](#)

## Pinarayi assures revival of Kadambrayar

*The CM has assured that the state government will soon take steps to initiate the revival of the river with the support of the Kerala Pollution Control Board.*

The CM has assured that the state government will soon take steps to initiate the revival of the river with the support of the Kerala Pollution Control Board. "Kadambrayar river is one of the most polluted rivers in the country. It is being listed under the priority category (Class - IV). Following an earlier judgment of the National Green Tribunal, the river's rejuvenation is being carried out by Pollution Control Board with a specific master plan. A monitoring committee will assess the progress," he said.

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# Waste Management

## Kerala calls for strict compliance of solid waste management rules

The government has warned that those responsible for implementation of Solid Waste Management (SWM) Rules, 2016, in local bodies will face action from bodies like the National Green Tribunal if the various provisions of the rules are not complied with.

The secretaries would be responsible for preparing the detailed project reports on waste disposal and providing necessary approvals, the department order said. They were responsible for taking action against the violators as per the rules. The secretaries of grama panchayats would have to submit regular reports on waste management before the Deputy Directors of Panchayats while the secretaries of municipalities would need to update it before the Regional Joint Directors.

[Read more](#)



**World Environment Day 2021:**  
Here's how this company is recycling plastic waste into elegant carpets

As we approach the world Environment Day 2021, Financial Express Online had a discussion Richard Morris, Global Business Director, Carpets Inter who recycle ocean plastic bottles waste and convert them into carpets.

[Read more](#)



**Warangal soon to become free of plastic waste**

The GWMC applied for the project, along with nine other cities in the country, when ICLEI invited expression of interest in January this year. GWMC Commissioner Pamela Satpathy attended a virtual meeting on March 19, following which the ICLEI has selected Warangal for the programme.

[Read more](#)



**Photo exhibition showcasing plastic pollution on in France**

A series of photographs by Kochi-based eco-tourism entrepreneur and photographer Praveen Muraleedharan that depicts plastic pollution in India is on show at Sainte-Thorette till July 4

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# Waste Management

## Govt sets up task force on plastic waste management

Delhi Government has formed a special task force under the chairmanship of chief secretary for taking measures to eliminate single-use plastic in mission mode. The special task force, which has been constituted on the order of Union ministry of environment, forest and climate change, will prepare a comprehensive action plan for implementation of plastic waste management rules (amendment) 2016.

A senior official of the environment department said, "The

main work of task force would be to strengthen policy, regulatory, effective enforcement and institutional mechanisms for implementation of plastic waste management rules 2016 and phasing out single-use plastic in Delhi. It will also assess plastic waste generated in Delhi with respect to collection, recycling and end of life disposal and identify gaps in plastic waste management (reduce, reuse and recycle)-policy, implementation, enforcement and infrastructure."

[Read more](#)



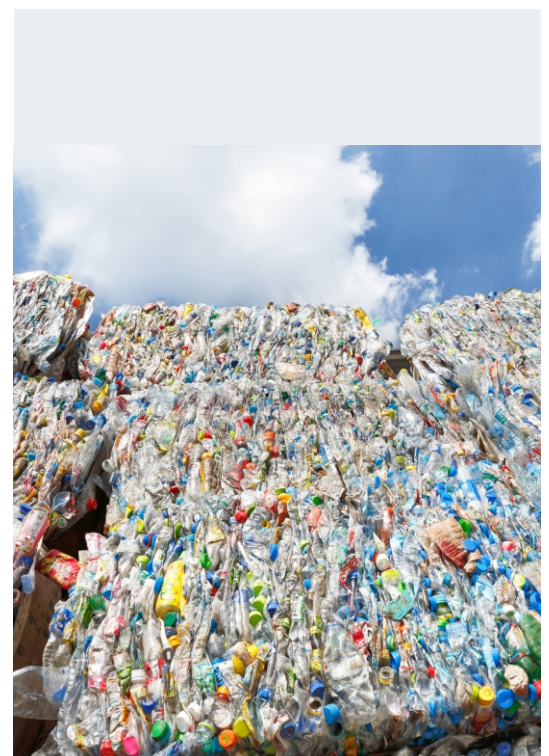
## Plastic scrap faces cross-border peril

Individual nations, states and provinces continue to propose and pass legislation limiting the way plastic is used, or charging a fee to discourage its use in some applications. The BIR panelists, speaking in late May and early June, say that beyond that, policies being formulated at the United Nations and (UN) European Union level could make it difficult for manufacturers in some parts of the world to acquire the plastic scrap feedstock they need.

At the BIR's May 31 "The Challenge" session, Emmanuel Katrakis, secretary general of the Brussels-based European Recycling Industries' Confederation (EuRIC) referred to a sizable regulatory "tsunami" of potential new directives proposed by the EU in the wake of the Green Deal championed by the EU's Commission (EC).

The Brussels-based BIR, EuRIC and other organizations may have only a few more months to influence the perceptions EC regulators and EU politicians have about scrap materials, which are still regulated as and referred to as "waste" in the EU.

[Read more](#)



# Waste Management



## Electronics Manufacturing: Eying sustainability, IT Min floats paper to replace linear system with circular

The circular economy system, instead of extracting materials, uses a superior methodology of extracting the maximum value of electrical and electronic products by reusing, repairing, recovering, re-manufacturing and regenerating products and materials at the end of each service value.

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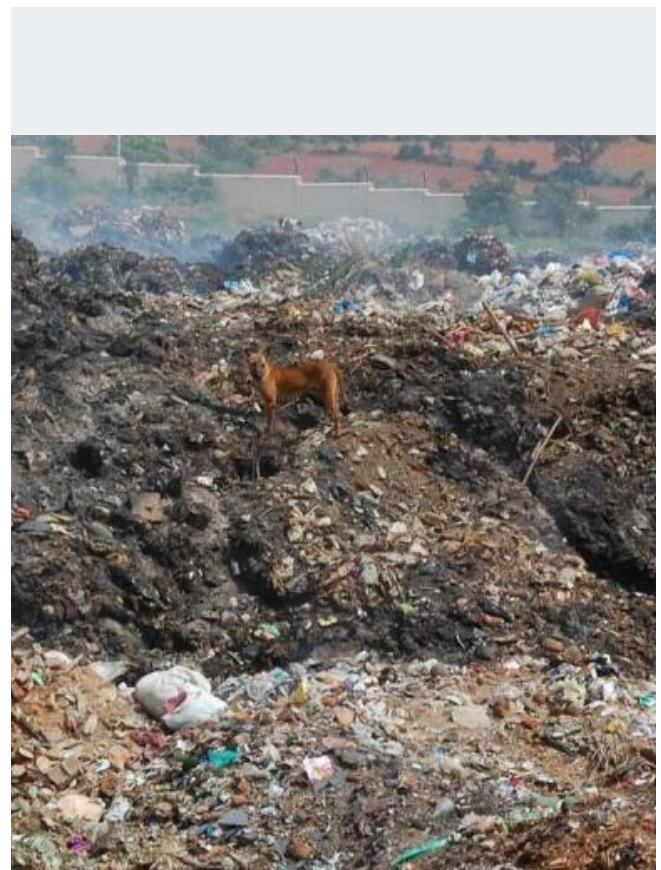
## Menstrual waste disposal adding to India's environmental crisis: Study

*The study reveals that most women are unaware that commonly available disposable sanitary napkins constitute 90 per cent plastic and they are adding to the plastic crisis.*

About 12.3 billion or 113,000 tonnes of used sanitary pads are dumped in landfills in India every year, adding to the already existing plastic pollution in the country, shares a new study titled 'Menstrual Products and their Disposal'.

Released by the environmental group Toxics Link, the study has also raised serious concerns on improper disposal methods and non-segregation of menstrual waste from household waste, which leads to unhygienic working conditions for waste workers, and posing the risk of infectious diseases among them.

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# Climate Change

## World May Breach 1.5 Celsius Warming Within 5 Years: UN Climate Body

*The World Meteorological Organization and Britain's Met Office today said world may temporarily breach the 1.5-Celsius warming mark within the next five years.*



Paris, France: The world may temporarily breach the 1.5-Celsius warming mark within the next five years, according to an updated assessment of global climate trends released Thursday.

The World Meteorological Organization and Britain's Met Office said there was a 40 percent chance of the annual average global temperature surpassing 1.5C above pre-industrial temperatures -- the aspirational warming limit of the Paris climate accord.

According to the Met Office's updated global 10-year climate prediction, there is a 90 percent chance of at least one year between 2021-2025 being the hottest on record.

The annual average global temperature over the next five years is likely to be at least 1C warmer than pre-industrial levels, within a range of 0.9C-1.8C warmer, it said.

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## Study blames climate change for 37% of global heat deaths

More than one-third of the world's heat deaths each year are due directly to global warming, according to the latest study to calculate the human cost of climate change.

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## "Australia's Greta Thunberg" steps up climate change activism

Raj-Seppings has become one of the country's most prominent environmental activists since her tear-stained face made global headlines in late 2019 when she stared down riot police threatening to arrest her outside the prime minister's home.

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## International

### China to tighten environmental approval for polluting projects

*China plans to strengthen controls in industries such as steel and aluminium which involve high energy use and produce high emissions, in an effort to promote low-carbon developments, the environment ministry said on Monday.*



After several decades of breakneck industrial expansion China has now vowed to start cutting carbon emissions before 2030 and become carbon neutral by 2060. In pursuit of that goal it has already urged some regions to tighten energy efficiency controls. [read more](#)

In guidelines sent to local environment regulators, the Ministry of Ecology and Environment (MEE) urged local governments to regard environment quality as a "bottom line" particularly if polluting projects are being expanded or relocated into their localities.

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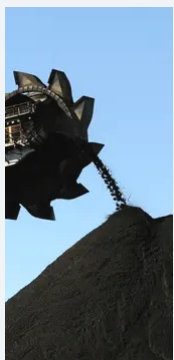
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### Australian coal burnt overseas creates nearly twice the nation's domestic emissions

New data comes amid warning that world's growing awareness of coal exports' impact risks further damaging Australia's reputation on climate

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### S.Korea aims to burnish climate reputation with global summit

South Korea aims to use a global climate summit it is hosting virtually next week to burnish its leadership credentials on environmental issues, despite its patchy record at home.

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