

## तकनीकी पत्रिका विषय-सूची

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*(A Monthly Current Awareness Service from Technical Journals)*

**Vol.3 No.11, November, 2019**

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## Down To Earth

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**COPY DESK** Aditya Misra, Rajit Sengupta

**DESIGN TEAM** Chaitanya Chandon, Sanjit Kumar,  
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**PHOTOGRAPHER** Vikas Choudhary

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Editorial, subscriptions and advertisements:  
Society for Environmental Communications,  
41, Tughlakabad Institutional Area,  
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Phone: 91-11-40616000, 29955124,  
29956110, 29956394, 29956399  
Fax: 91-11-29955879,

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Monetising  
weather data  
could either  
trigger  
competition  
and improve  
forecast  
accuracy or  
corrupt a free  
service used  
by everyone

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# Economic & Political WEEKLY

A SAMEEKSHA TRUST PUBLICATION

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*Devisen*  
15.10.19

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- Darkness under the Lamp

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- Maoist Justice vs Liberal Justice: A Tribute to K Balagopal

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- Reconciliations of Caste and Medical Power in Rural Public Health Services
- Wage Penalty in Temporary Employment in India: Evidence from Quantile Regression

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- Parentheses of Philosophy

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## A Smart Move

The Jalan Committee's recommendation to the Reserve Bank of India to pay dividend to the government out of its current year's surplus only after meeting the contingency risk buffer is a finely balanced one. **page 13**

## Migrant Children and Education

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## Medical Interactions in Rural India

An ethnographic study in a village in Karnataka looks at the differential treatments of Dalit patients in rural public health services as compared to patients from other social groups. **page 43**

## Temporary vs Permanent Workers

An analysis of the wage gap between workers in permanent and temporary employment by taking into account workers' as well as labour market characteristics **page 51**

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- Gandhi's Conception of Harijan **page 10**
- Gandhi's Relevance in the 21st Century **page 25**
- Socio-historical Contexts of Gandhi's Ideas **page 28**

## New Wind for the Opposition in Maharashtra?

- 7 Recent developments have drawn the campaign discourse firmly into the sociocultural ground of Maharashtra.

## Darkness under the Lamp

- 8 The vicious killing of two Dalit children for defecating in the open shows a certain "cast(e) of mind."

## Gandhi's Conception of Harijan

- 10 The core normative principle of the Gandhian conception of Harijan is examined. — *Gopal Guru*

## How Much of RBI's Profit Transfer Is Enough

- 13 The Jalan Committee's recommendations for the Reserve Bank of India to pay dividend to the government out of its current year's surplus only after meeting the contingency risk buffer, is a smart move towards the proverbial act of fine-balancing. — *Partha Ray, Ashok Banerjee*

## Towards 'Schoolification' of Early Childhood Years

- 17 The draft National Education Policy recommendations on early childhood care and education reduce it to school preparedness, effectively risking all the achievements made so far in this sector. — *Neenu Suresh*

## Maoist Justice vs Liberal Justice: A Tribute to K Balagopal

- 21 Using K Balagopal's position on human rights vis-à-vis the Maoist movement's communitarian approach to rights as the backdrop, a theoretical approach to human rights is presented. — *Tanay Balantrapu*

## Bengaluru's 'Zero' Out-of-school Children

- 30 The manner in which migration and education interact in often unanticipated ways in urban spaces is examined by drawing on a fieldwork narrative from Bengaluru. — *Vijitha Rajan*

## Literature Festivals: Institutions, Crisis, and Talk-culture

- 35 A prologue to a debate on the cultural phenomenon of literature festivals in India, this essay offers ways to think about them, beginning with the event itself. — *Sushil Sivaram*

## Reconciliations of Caste and Medical Power

- 43 An analysis of medical interactions shows that as compared to non-Dalits, Dalit patients experienced more apathy, denial, and avoidance behaviours from rural public health service providers. — *Sobin George*

## Wage Penalty in Temporary Employment in India

- 51 The extent of wage penalty between workers in permanent and temporary jobs at different locations of the wage distribution is examined by evaluating the impact of workers' characteristics and education. — *Panchanan Das*

## Parentheses of Philosophy

- 60 The authors of *Gandhi and Philosophy: On Theological Anti-Politics* respond to A Raghuramaraju's review of their book, "Gandhi in the Company of Western Philosophers" (EPW, 3 August 2019). — *Divya Dwivedi, Shaj Mohan*

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- Finding Balmikis
- Culture and Sanitation in Small Towns: An Ethnographic Study of Angul and Dhenkanal in Odisha

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## An Expansive Vision of Economics

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## Laboratory Trials to Farms

A look at the results of a multidisciplinary, multi-country, collaborative project aimed at reducing pre- and post-harvest fruit losses and addressing economic security of the farmers **page 36**

## Seasonal Migration in Maharashtra

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## How to Study Business History

Business history must think out a new conceptual framework for itself and delve into a critical understanding of management and organisation, the evolving history of capitalism, and causation within a historical context. **page 19**

## Understanding Urban Sanitation

An ethnographic study in two small towns in Odisha tries to analyse the sociocultural norms and practices that influence toilet behaviour. **page 51**

## The Power and Gender of Policy Credibility

- 10 There exists a contradiction between actual truth and the truth in our language in the field of policy credibility. — *Avinash Persaud*

## India's Slowdown: What It Is and What Can Be Done

- 11 Investments in industry have slowed down considerably in the recent years, as has agricultural growth. Falling levels of capacity utilisation, building up of food stocks, and the state of liquidity in the economy sufficiently prove that the problem today is the lack of demand. — *Ishan Anand, Rohit Azad*

## Virtuous Cycle and Economic Growth in India

- 16 A critique is offered after examining the claims in the *Economic Survey* that the concept of virtuous cycle is of recent origin and that during the planning period, the planners were unaware of such a way of imagining economic progress. — *M Parameswaran*

## Reflections on the Disciplinary Credibility of Business History

- 19 Business studies must take the archive much more seriously than they do, not as an inert repository of facts, and engage with the historical method with much greater rigour. — *Lakshmi Subramanian*

## Seasonal Migration in Beed District of Maharashtra

- 30 Seasonal migration compensates for the lack of employment opportunities during the dry season and reduces seasonal income variability of the poor households in Beed district of Maharashtra. — *Abdul Jaleel C P, Aparajita Chattopadhyay*

## Reflections on Moving Agricultural Research from Laboratory to Farm

- 36 In generating innovative technologies for sustainable agricultural development, agricultural researchers must think beyond laboratory viability and successful field testing to adaptability in the real world for a range of agriculture stakeholders. — *R S Wilson Wijeratnam, Karin Fernando, Elizabeth Finnis, M E P Ranmuthugala, I G N Hewajulige & Jayasankar Subramanian*

## Finding Balmikis

- 43 This article traces neo-Hindu politics which tried to categorise the Balmikis as Hindu, even as colonial accounts mentioned them as cult worshippers of the Muslim saints Bala Shah and Lalbeg. — *Rajiv Atwal*

## Culture and Sanitation in Small Towns in Odisha

- 51 In the current sanitation policy discourse, cultural norms of purity and pollution are considered major obstacles to toilet use, leading to an emphasis on behavioural change. This calls for a decoding of the cultural determinants of sanitation. — *Ranjita Mohanty, Anju Dwivedi*

## Postscript

- 61 *Ajay Noronha* on how the felling of trees in Mumbai's Aarey Milk Colony is not just an attack on the city's green cover but also a blow on its mental landscape and the well-being of its citizens; *Nirupam Hazra* on how wall art lends colour, humour, and dynamism to our politics, while reiterating our constitutional rights; *Aditi Upmanyu* on locating a critique of the present-day liberal feminist project in the fiction of Jean Rhys; and Last Lines by *Ponnappa*.

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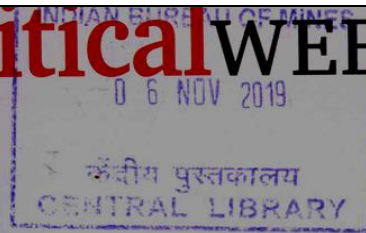
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# Economic & Political WEEKLY

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- When Vegetable Prices Blow Up

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- The Real and the Fake in Democracy

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- Four Transfers and One Saving Grace

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- Nuances of the Left Debacle in Tripura
- Lessons from Kolkata's East-West Metro Disaster

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- Medical Negligence and Law: Application of the Bolam and Bolitho Rules in India
- Muslims, Affirmative Action and Secularism: Attempting a Possible Reconciliation

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## 'Healthy States, Progressive India'

A critical review emphasises that the method of calculating the index in the NITI Aayog report compromises scientific rigour and draws misleading inferences. **page 13**

## Empowerment through Theatre

Sukracharjya Rabha's art was rooted in the heart of an indigenous community in Assam to create a distinctly different theatre practice that marks a radical departure from the "Theatre of Roots" movement. **page 32**

## Improving Delivery Mechanisms

The factors explaining the diversity in the preference for the delivery mechanism are assessed through a mixed methods analysis across Bihar, Odisha and eastern Uttar Pradesh. **page 37**

## Welfare Policies for Minorities

A partial reconciliation of the contradiction between religion-based preferential treatment and secularism is attempted for the effective targeting of the relative backwardness of Muslims. **page 53**

## Medical Negligence and Law

The inconsistent application of the Bolam rule in India is likely to have an impact on the decisions made by medical practitioners. **page 45**

# Economic & Political Weekly, Vol.54 No.42, October 19, 2019

## Mounting Plastic Waste

- 7 With the surge in plastic refuse, the "out of sight, out of mind" mentality will not work.

## When Vegetable Prices Blow Up

- 8 The government's strategies to tame vegetable prices are misplaced in both scope and coverage.

## Four Transfers and One Saving Grace

- 10 With the controversies over the transfers of judges having brought the collegium's credibility to a nadir, the decision to discuss and debate allegations against nominee judges is a welcome step. — *Alok Prasanna Kumar*

## NITI Aayog's Health Index: Missing the Rigour

- 13 Based on a critical review of the NITI Aayog's recently published "Healthy States, Progressive India," it is argued that the report provides only a superficial insight into the overall health attainment. — *Subir K Kole*

## Planting of Illegal Crops

- 16 The backdoor entry of illegal genetically modified seeds is gaining momentum in the name of progress and of giving farmers a choice, while the absence of a strict regulation regime is sorely felt. — *Meena Menon*

## Nuances of the Left Debacle in Tripura

- 19 The divide between tribal and Bengali communities in Tripura was effectively utilised by the Bharatiya Janata Party, which has led to a precipitous erosion of the base of the Communist Party of India (Marxist). — *V Bijukumar*

## Lessons from Kolkata's East-West Metro Disaster

- 23 The disasters faced during the construction of the east-west metro corridor in Kolkata reiterate the need for redefining the roles and responsibilities of the stakeholders involved in such projects. — *Partha Pratim Biswas*

## Sukracharjya Rabha (1977–2018)

- 32 Sukracharjya Rabha's theatre practice departs radically from previous attempts by the exponents of the "Theatre of Roots" movement to indigenise theatre in India and formulates a critique of it. — *Rajdeep Konar*

## What Is the Effective Delivery Mechanism of Food Support in India?

- 37 Through a mixed methods analysis across Bihar, Odisha and eastern Uttar Pradesh, the factors explaining the diversity in the preference for the delivery mechanism are assessed. — *Mamata Pradhan, Devesh Roy & Vinay Sonkar*

## Medical Negligence and Law

- 45 India has adopted the Bolam rule from the United Kingdom and has been using it to adjudicate cases of medical negligence, but its application has been inconsistent and likely to have an impact on the decisions made by medical practitioners. — *M P Ram Mohan, Vishakha Raj*

## Muslims, Affirmative Action and Secularism

- 53 This article attempts to partially reconcile the contradiction between religion-based preferential treatment and secularism, and analyses the determination of welfare policies for religious minorities, particularly Muslims within the non-preference, non-determination framework. — *Zubair Ahmad Bader*

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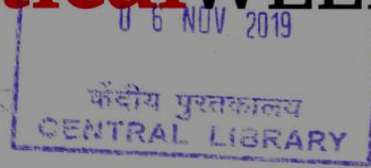
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## Warring with American Support

Whether personal relationships with American leadership can be used as a war-winning strategy in the Indian subcontinent remains a matter of concern, given the historical miscalculations. [page 10](#)

## Challenge of Practicing Caste

Aniket Jaaware's *Practicing Caste: On Touching and Not Touching* raises questions about the theoretical weightage to be given to the order of significance between genealogy and philosophical archaeology while understanding caste. [page 27](#)

## Jungle Patta in West Bengal

Empirical evidences find that legal provisions meant for protecting the rights of the forest-dwellers over forest resources are deemed to be politically motivated beneficiary schemes for *patta* distribution. [page 32](#)

## Rainwater Harvesting in Delhi

In a top-down ecosystem of water resource management, political interests of city officials determine the efficiency of rainwater harvesting sites, rather than household-level initiatives. [page 41](#)

## Breaking Visual Hierarchy

The folk knowledge of the blind's stares recognises the art of seeing as human chemistry that has evolved through political strategies of engaging, and not necessarily through direct visual observation. [page 20](#)



# Economic & Political Weekly, Vol.54 No.43, October 26, 2019

## Mandate for a Strong Opposition

- 7 Arrogance of power can be undermined by the reassertion of social contradictions.

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- 8 Great power games and regional calculations have trumped Syrian Kurdish aspirations.

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- 10 The contemporary wars in the Indian subcontinent have seen an increasing involvement by the United States, and India seems to be relying on American support to achieve its objectives in Kashmir. — *Atul Bhardwaj*

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**Editor & Publisher:**  
Santosh Mahanti

**Directors:**  
Sabita Mahanti  
Abhishek Mahanti

**Director & Content Strategist:**  
Kritika Mahanti

**Editorial:**  
Anindita Banerjee  
Megha Ghosh

**Marketing:**  
Shyamalendu Banerjee  
Angan Chatterjee

**New Delhi Representative:**  
Maqsood Alam Khan

**Design & Layout:**  
Dipak Adhikari  
Sambaran Karmakar

**Editorial & Corporate Office:**  
Merlin Links, Block 5E/5F, 5th Floor  
166B, S. P. Mukherjee Road  
Kolkata - 700 026  
Phone: 91-033-2465-8581/9406  
Fax: 91-033-2465-3790  
E-mail: [isinfo@eth.net](mailto:isinfo@eth.net)  
[contact@isinfomedia.in](mailto:contact@isinfomedia.in)  
Website: [www.isinfomedia.com](http://www.isinfomedia.com)

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10, Chowringhee Road  
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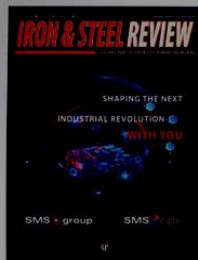
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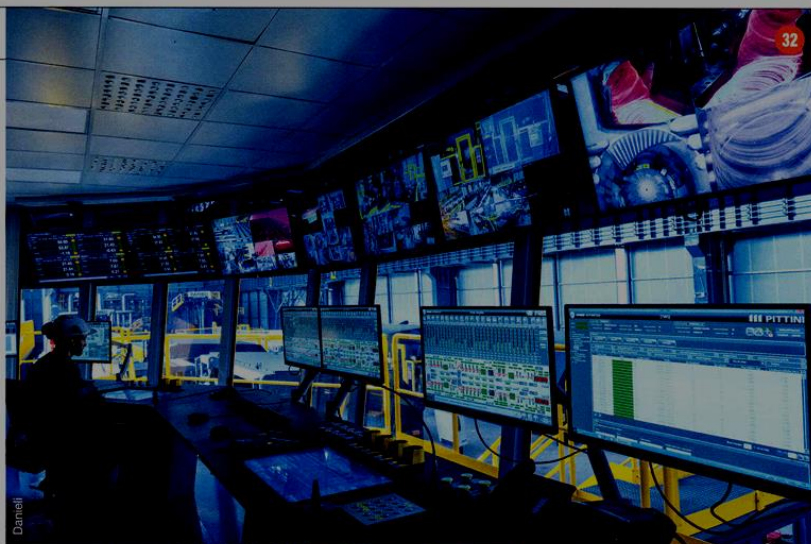
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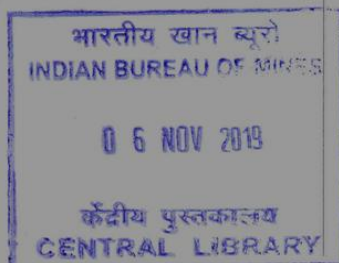
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As chief executive officer of the World Energy Congress' organizing committee 2019 has already been a busy year for Fatima Al Foora Al Shamsi. She tells Ross Davies about her career as well as what is on the agenda for the upcoming congress.

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**General Manager:** Peter Fitzmaurice  
[peter.fitzmaurice@fastmarkets.com](mailto:peter.fitzmaurice@fastmarkets.com)

**Consultant Editor:**  
Siobhan Lismore-Scott  
[slismore@fastmarkets.com](mailto:slismore@fastmarkets.com)

**Editor:** Davide Ghilotti  
[Davide.Ghilotti@fastmarkets.com](mailto:Davide.Ghilotti@fastmarkets.com)  
**Market Reporter:** Martim Facada  
[martim.facada@fastmarkets.com](mailto:martim.facada@fastmarkets.com)

**Market Reporter:** William Clarke  
[william.clarke@fastmarkets.com](mailto:william.clarke@fastmarkets.com)

**Market Reporter:** Michael Greenfield  
[michael.greenfield@fastmarkets.com](mailto:michael.greenfield@fastmarkets.com)

**Market Reporter:** Carrie Shi  
[carrie.shi@fastmarkets.com](mailto:carrie.shi@fastmarkets.com)

**Editorial Design:** Paul Rackstraw  
[paul.rackstraw@btconnect.com](mailto:paul.rackstraw@btconnect.com)

**Advertising Production:** Jane Crump  
[jane@forshawdesign.co.uk](mailto:jane@forshawdesign.co.uk)

**Global Senior Advertising Manager:**  
Arzu Gungor  
[arzu.gungor@fastmarkets.com](mailto:arzu.gungor@fastmarkets.com)  
T. +44 20 7827 5268

**Editorial**  
8 Bouverie Street,  
London, EC4Y 8AX  
T. +44 (0) 20 7827 9977  
F. +44 (0) 20 7827 6441  
E. [edit@fastmarkets.com](mailto:edit@fastmarkets.com)  
[www.indmin.com](http://www.indmin.com)

**Advertising**  
8 Bouverie Street,  
London, EC4Y 8AX  
T. + 44 (0) 20 7556 6019  
F. + 44 (0) 20 7827 6441

**Marketing**  
E: [edit@fastmarkets.com](mailto:edit@fastmarkets.com)

**Sales**  
T: +44 (0) 207 779 8386

**Asia-Pacific Research Office**  
Room 305, 3/F, Azia Center, 1233  
Lujiazui Ring Road, Shanghai,  
China, 200120  
T: +86- 21- 5877 0857  
F: +86- 21- 5877 0856

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Euromoney Trading, 4 Bouverie  
Street London, EC4Y 8AX

**Directors:** Leslie Van de Walle  
(Non-executive Chairman),  
Andrew Rashbass (CEO),  
Wendy Pallot, Jan Babiak,  
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### Profile interview

As chief executive officer of the World Energy Congress' organizing committee - while holding down her day job in the United Arab Emirates' Ministry of Energy and Industry - 2019 has already been a busy year for Fatima Al Foora Al Shamsi. She tells *Ross Davies* about her career as well as what is on the agenda for the upcoming congress.

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### A weighty issue Indian barite exports win out in sluggish market

Markets for oilfield minerals have had a slow start to the year while global drilling activity remains limited and oil markets repeatedly fail to break new highs, *William Clarke, Market Reporter*, finds.

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### Plentiful potash sector sees no need for change

Abundant reserves, robust price forecasts and a lack of major catastrophes have dampened enthusiasm for innovation in the global potash industry, but does this approach risk missing important chances to improve production of one of the world's most important minerals?

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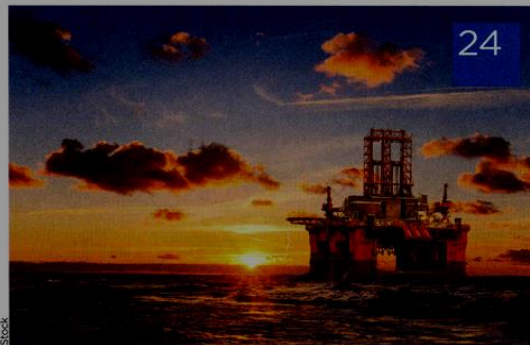
### Growing stronger: vermiculite and perlite

Driven by demand from multiple sectors - from construction and horticulture to fire protection and steelmaking - the global vermiculite and perlite market remains in growth mode, underscored by a healthy supply-demand balance, reports *Ross Davies*

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### Wollastonite potential in carbon emissions reduction technology

Wollastonite has been described as "a white mineral for a greener world" and it seems governments, businesses and industries agree - with wollastonite set for increased market growth in its traditional uses plus a new focus on its powerful qualities to help tackle climate change.



#### Next issue

Refractories  
Graphite  
Magnesia  
India

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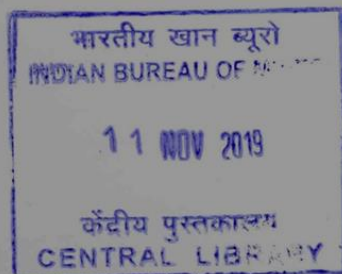
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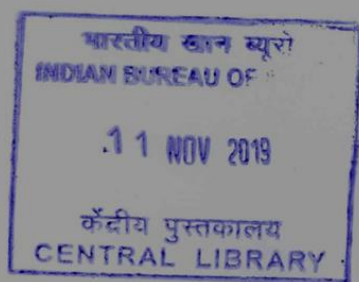




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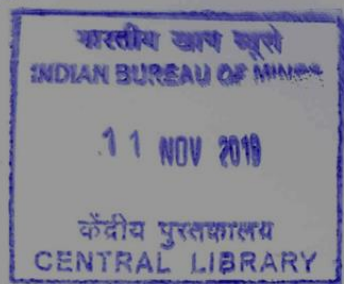
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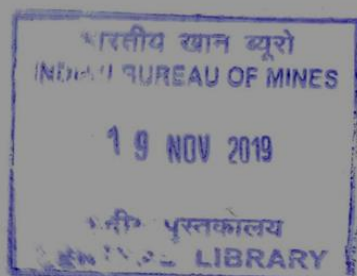


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# Mining Magazine, September 2019

## Talking the talk

In late July, at FT Live's Climate for Change event, in London, UK, BHP CEO Andrew Mackenzie declared to the world the mining giant's stance on anthropogenic climate change: "The evidence is abundant: global warming is indisputable."

He also used the opportunity to announce the company's new five-year, US\$400 million Climate Investment Program, which seeks to reduce greenhouse gas emissions from its operations as well as its whole value chain.

The latter promise is what caught many people's attention, as it means the miner will also be keeping an eye on the users of its products, including iron ore, metallurgical and thermal coal, as well as oil and gas.

Mining, an industry still struggling with its 'unclean' image in the public eye, definitely needs a bit of good PR in this vein. But talk, as they say, is cheap.

In his speech, Mackenzie did point out that "performance against emissions targets has been considered in BHP's executive remuneration plans" for many years already.

Now the plan is to further reinforce this link between pay and pollution. It'll certainly be interesting to see what effect this will have on the miner's decarbonisation work going forward.

After Mackenzie's big announcement, controversial Australian conservative commentator Andrew Bolt – he of mocking-teen-environmental-activist-Greta-Thunberg fame – asked in his column: "If BHP's chief really believes climate change is 'indisputable' and killing the planet, why isn't the company closing down coal mines?"

Despite the flippant question – and putting aside who was asking it – it does give the industry and related stakeholders something to chew over.

BHP has reportedly been making plans to exit thermal coal. Apparently, it's looking for options to divest this side of its business, which includes two assets in Australia and Colombia.

Furthermore, the company's chief financial officer Peter Beaven told investors earlier this year that it might be phasing out thermal coal "potentially sooner than expected".

The move would also be following in the footsteps of rival Rio Tinto, which sold the remainder of its coal assets last year.

To date, BHP has already left the World Coal Association, but remains a member of the Minerals Council of Australia – for now at least.

The *Guardian* reported that the lobby group is linked to the Coal21 research organisation (although the council denies this), which is planning to launch a pro-coal advertising campaign in Australia.

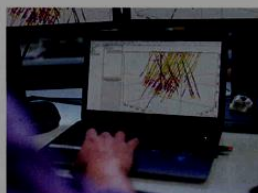
Apparently, the miner had already been reassessing its membership, but this might add further pressure for the company to split ways with the council – to save face if nothing else.

After all, how else will Mackenzie be able to stand behind his words: "All emitters, resource companies, customers, consumers must play their part together with governments to meet the climate challenge."

NIA KAJASTIE, EDITOR

nia.kajastie@aspermontmedia.com Twitter: @MM\_Ed\_Nia

**"Mining, an industry still struggling with its 'unclean' image in the public eye, definitely needs a bit of good PR in this vein"**



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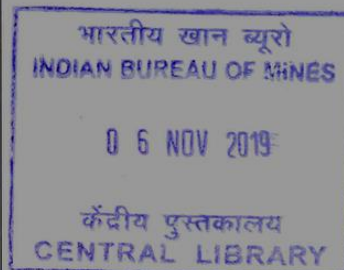
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Automation and AI

Ultra-deep mines



Collaboration in innovation

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Mining works underway at the Lebedinsky GOK iron ore mine at night. The open pit – among the largest in Russia and globally – is located near the town of Stary Oskol in the Belgorod region. Metalloinvest, a Russian mining company and producer of hot-briquetted iron (HBI), iron ore products and steel, invited *Mining Magazine* as part of a press trip to tour the mine complex and its Oskol electrometallurgical plant in June of this year.

Photo: Courtesy of Metalloinvest

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The diversification of energy sources in the United States has seen some major shifts during the past decade. Low-cost natural gas has replaced coal as the leading provider of the nation's energy. And renewable energy sources, such as solar, are on the rise. So, many coal plants are being shut down or converted to natural gas. What to do with mined coal lands? How about an adaptive reuse of mined lands for solar energy, page 18. The feature article beginning on page 32 discusses new approaches and technology for tailings pipeline design and operation.

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#### Managing Editor

William M. Gleason  
[gleason@smenet.org](mailto:gleason@smenet.org)

#### Senior Editor

Georgene Renner  
[renner@smenet.org](mailto:renner@smenet.org)

#### Managing Technical Editor

Chee Theng  
[theng@smenet.org](mailto:theng@smenet.org)

#### Production Graphic Artist

Ted Robertson  
[robertson@smenet.org](mailto:robertson@smenet.org)

#### Business Staff

#### Media Manager/Advertising

Ken Goering  
[goering@smenet.org](mailto:goering@smenet.org)

Phone: 1-800-763-3132

Fax: 1-303-973-3845

Email: [goering@smenet.org](mailto:goering@smenet.org)

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