

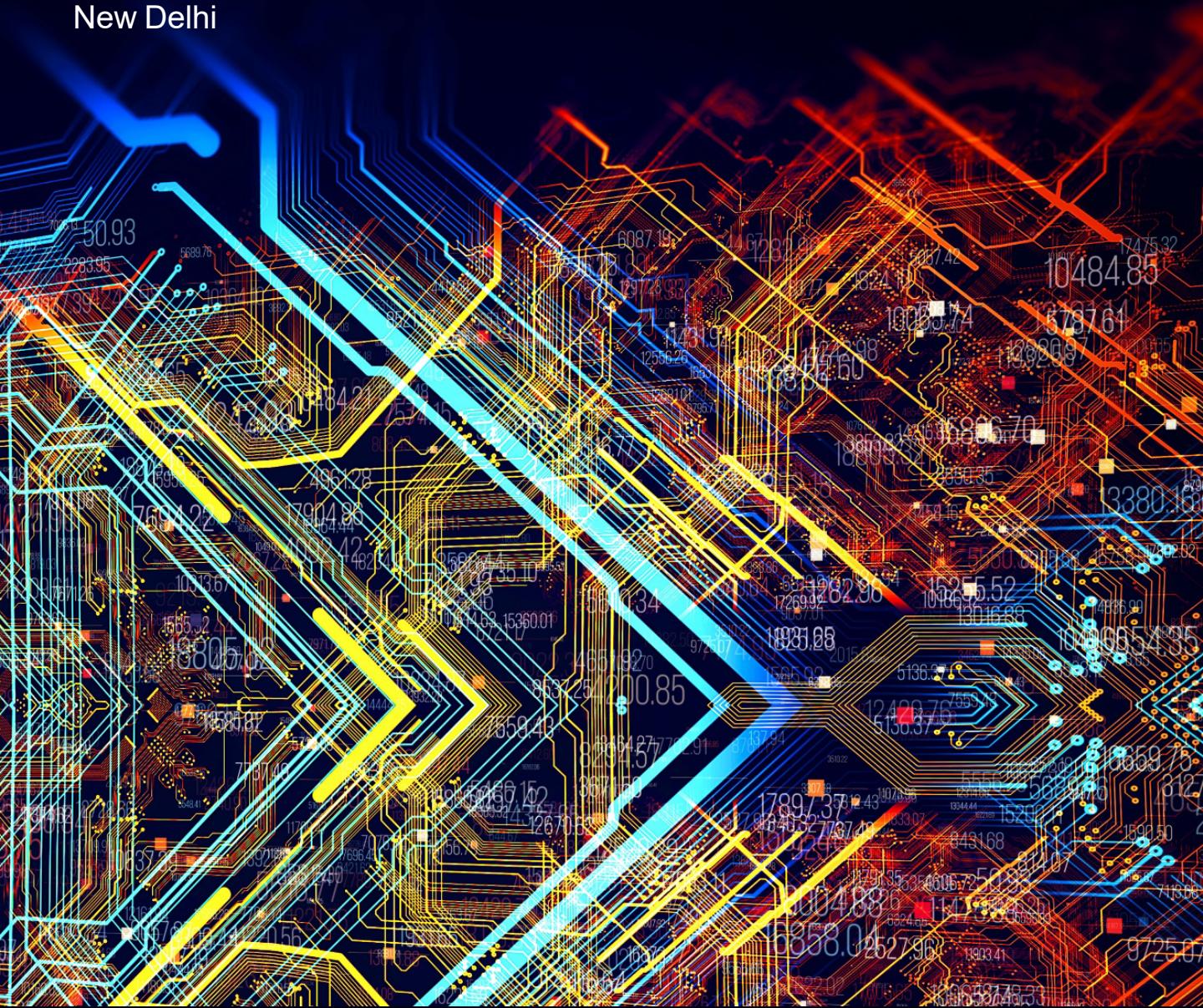


ENRich 2018

ENR: Digital and analytics revolution in the making

11 December 2018

Hyatt Regency
Bhikaji Cama Place
New Delhi



About ENRich

The ninth edition of ENRich, KPMG in India's flagship event for the Energy and Natural Resources (ENR) sector, is scheduled to be held on Tuesday, 11 December 2018 at Hyatt Regency, Bhikaji Cama Place, Ring Road, New Delhi, India. The theme of the conclave is '**New partnerships for new energy**'.

Shri Dharmendra Pradhan, Minister of Petroleum and Natural Gas; and Minister of Skill Development and Entrepreneurship and **General (Retd.) V. K. Singh**, Minister of State in the Ministry of External Affairs have consented to grace the occasion.

The energy sector in India is witnessing massive disruption due to alternative sources of energy, the geo political scenario and technological advancements. In the light of these developments, this year, the discussions will focus on the following themes:

- Role of energy in India's inclusive growth
- Geopolitics, energy & consumers
- Energy transitions, technology and innovation
- India's energy security and sovereignty
- Strategies for decarbonising India's energy sector
- Digital transformation in the ENR sector
- Energy and natural resources in new age mobility
- Forging new partnerships for new energy.

Like previous editions, ENRich 2018 is set to have interactive discussions with CXOs, policy makers, regulators, government utilities, private players, investors and sector experts.

We look forward to your presence at ENRich 2018.

Highlights from last year's ENRich conclave are available at <https://home.kpmg.com/in/en/home/events/2017/11/enrich-2017.html>



Sessions | ENRich 2018

Geopolitics, energy
& consumers

Role of energy in
India's inclusive
growth agenda

Towards energy and
resources security
and sovereignty

Decarbonising
energy for
sustainability

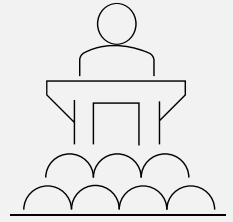
De-stressing the
Indian Power
Sector

ENR: Digital and
analytics revolution
in the making 

Energy and natural
resources in new
age mobility

New partnerships for
new energy

Featured speakers



Breakout 3: ENR: Digital and analytics revolution in the making



Ashish Bhandari

Country Head, GE Baker and Hughes

Global executive with experience across GE, Schlumberger, McKinsey & Co., and El Paso Energy



Debasish Banerjee

Managing Director-Distribution, CESC Limited

Energy distribution expert, previously served as CEO of Reliance Energy



Srikant Kadambi

Director and Digital Lead for Asia, Microsoft

Experience at managing the x86 server channel business across Asia Pacific & Japan



Ved Tiwari

CEO, Sterlite Power

Three decades of experience across the Government of India, central public-sector enterprises and the private sector



Vishal Kapoor

Director, Ministry of Power, Government of India

Focused on transformation of the Indian power distribution sector; previously held various positions with the Ministry of Railways



Vikas Prabhu

Chief Information Officer, Nayara Energy

Technology experience across organisations such as RIL, TAJ Group, Coca Cola, Rhone-Poulenc, etc.



Akhilesh Tuteja

Partner, and Global Head of Cyber Security Consulting, KPMG in India

Technology risk management expert; leads the Risk Consulting practice for KPMG in India and IT Advisory in the EMA region

Moderator

Session context

The digital revolution is an existential reality by now. It throws up enormous possibilities and also abrupt challenges from the way we perform simple tasks to manage complex transitions in the energy and natural resources sector.

In general, digital has been slow in coming in the energy industry. CEOs of energy supermajors have commented on the slow progress of digital in the industry- with enormous possibilities existing but pace of adoption being very slow. That in turn has resulted in the inability of the industry to attract top notch young talent.

The energy sector is a prime candidate for both digital enablement and digital disruption on a very large scale. Digital and analytics have played a huge role in dismantling the vertically integrated structures in the energy sector and has enabled wholesale and retail energy markets. This has engendered efficiency and progressively moved the balance of power to the customers.

However, the sector is hugely dominated by state owned enterprises which need to tool up for utilising 'digital/smart' capabilities. Once out of the realm of antiquated mindsets and practices, the segment can become a magnet for innovation. This is progressively happening and often a new breed of players are complementing the traditional actors. Organizations like EESL have commenced innovative initiatives around smart metering (and also on EVs), which form an essential part of the digital journey in the energy and natural resources sector.

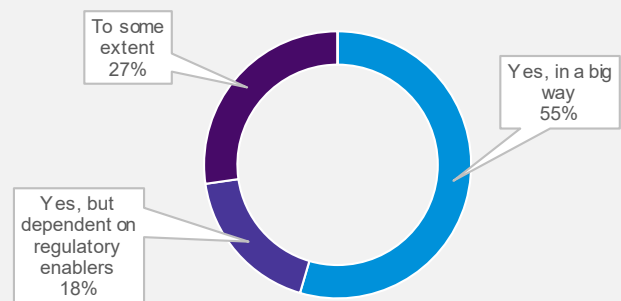
In the session at ENRich 2018 we will discuss on the evolution of the digital technologies in the energy and resources sectors, readiness to adopt and utilize the technologies and how best they can be deployed in business and customer interest. Given the complex and evolving landscape and the proliferation of technologies and business models, we will discuss the value of partnerships in a successful digital journey. The session will also touch upon the security aspects of digital technologies as we open up to them.

Challenges in the path to digital transformation

- | | | | |
|----|--|----|--|
| 01 | Lack of digital vision and awareness of potential impact | 02 | Complex decision making process |
| 03 | Lack of appreciation of business case and long time Rol | 04 | Legacy systems and cultural resistance to change |
| 05 | Silo'ed and short term approach at "optimisation projects" | | |

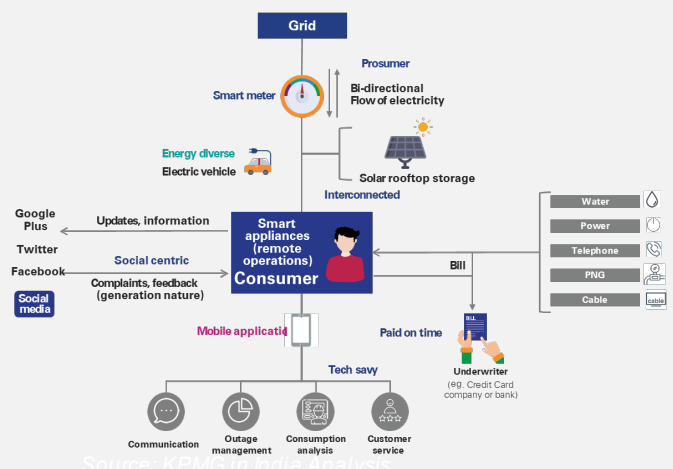
Source: KPMG in India, 2018

P&U leaders in India on the question: "Do you envision your business being impacted due to digital trends?"



Source: KPMG in India's ENRich survey on digital trends with 12 P&U leaders in India on the question, 2018

Balance of power shifting closer to consumers



Source: KPMG in India Analysis

Source: KPMG in India Analysis

Indicative issues for discussion

Why is digital important in the ENR sector? How would the sector transform with digital?

What are the essential steps or stages in a digital journey in ENR sector/sub-sector?

How should digital success stories be crafted implemented? How critical is it to ensure value realisation from digital enablement and having tangible outcomes?

How do we integrate digital and analytics with existing IS/ IT systems for better RoI and productivity?

How can traditional organizations adopt digital disruption? What are the cultural and change mgmt. changes?

How can a public sector dominated industry ready itself for a digital transformation?


What role would digital have in accelerating the deployment of new age technologies like renewables and EVs?

How should the ENR industry plan to build digital capabilities and attract digital talent?

Going forward how does one sustain innovation and agility in digital enablement to ensure one is with/ ahead of the curve as technology evolves?

How are the security aspects getting reflected in the digital journey?

What would be the role of partnerships in furthering the digital revolution?



Tuesday **11**
December
14:15 hours

ENRich 2018

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