

CONTENTS

ISSN-0971-7242 R.N.I. No. 51048/89 © 2021 Technology Publications

Cover Focus

10 New dynamically positioned rigs power systems reduces carbon emissions by 5,000 tonnes a year



33 Exploration idea capital & Johari window as cutting edge tools for exploration strategies in petroleum search

Special Report

4 New Bluepulse acoustic marine source for seismic acquisition in sensitive areas



14 Low carbon solutions at the forefront of future energy

22 ETC calls for 40% methane emissions cuts by 2030



**Energy
Transitions
Commission**

The Energy Transitions Commission (ETC) report, "Keeping 1.5°C Alive: Closing the Gap in the 2020s" identifies six sets of actions which could keep the world on a path to limit global warming to 1.5°C and which could be catalysed by commitments made at COP26. One of those actions is particularly crucial – cutting methane emissions by 40% by 2030.

32 Schlumberger enters into agreement with EnerVenue for metal-hydrogen stationary energy storage solutions

38 COSMOSx a novel initiative by ACM-RGIPT in Computing Science



Rajiv Gandhi Institute of Petroleum Technology
Jais, Amethi
An Institution of National Importance



Mr. Gabe Gabrielle, Kennedy Space Centre, NASA; Mr. Massimo Stiavelli, Mission Head of James Webb Space Telescope, NASA among others address the first CSE/EC/M&C International Fest COSMOSx-2021 by ACM-RGIPT. The Fest participated by student from Asia, North America, Latin America and Europ.

42 Cubility's MudCube delivers reduced emissions of 43% onshore and 42% offshore

Plus

48 PGS is digitalizing its HSEQ incident management reporting system to improve crew safety