

Emerging Technology News commemorates World Energy Storage Day (WESD) by announcing the list of 50 Global visionaries and 12 Emerging stars

India, 16th September 2021: Emerging Technology News (ETN), a leading publication on energy storage and emerging technologies unveiled the list of 50 global visionaries and 12 Emerging stars who have been working ceaselessly to further the cause of green energy and clean transportation. Like last year, ETN released the World Energy Storage Day (September 22) special issue dedicated to the pioneers and promoters of energy storage globally, who have spent years developing technologies that have enhanced quality of life and developed breakthroughs in technologies. The list has been selected based on ETN readers' inputs and the recommendations of editorial board.

'ETN 50 Luminaries' convention – a precursor to the WESD 2021 global virtual conference was held on Sept. 15, 2021. The dignitaries present at the convention were **Babu Chalamala**, Department of Energy Storage Technology and Systems, Sandia National Laboratories; **Arumugam Manthiram**, American Material scientist, Professor, University of Texas, Austin; **Dr. Imre Gyuk**, Director of Energy Storage Research, U.S. Department of Energy's Office of Electricity; **James (Jim) Greenberger**, Executive Director and Founder, National Alliance for Advanced Technology Batteries (NAATBatt); **Dr. William P. Acker**, Executive Director, New York Battery and Energy Storage Technology Consortium (NY-BEST); **Dr Rahul Walawalkar**, President, India Energy Storage Alliance (IESA); **Rakesh Malhotra**, Founded LivGuard Energy Technologies and **Mike Gravely**, Team Lead and Senior Electrical Engineer for the Energy Systems Research Office, California Energy Commission

This is also an endeavour to present a worldview of the efforts and progress being made in the energy storage arena, through innovative products, services, ideas, and even fruitful collaborations. Energy storage is the linchpin technology that enables to integrate more renewables into the grid and powers the global transition to electric vehicles thereby helping reduce harmful carbon emissions, pollution, and dependency on fossil fuels.

The 50 global visionaries list includes 50 Leaders, 11 Researchers, 18 Business leaders in energy storage, 9 Business leaders in e-Mobility, 7 Industry enablers/associations and 5 Policymakers and implementors. The notable visionaries are:

- **Akira Yoshino**, Fellow- Asahi Kasei and President- Lithium-ion Battery Technology and Evaluation Center (LIBTEC)
- **Donald Sadoway**, Scientist & Professor, John. F. Elliott Professor of Materials Chemistry in the Department of Materials Science and Engineering, MIT
- **Arumugam Manthiram**, Director of the Texas Materials Institute and the Materials Science and Engineering Graduate Program
- **Bill Gates**, Founder, Breakthrough Energy Ventures
- **Bill Gross**, Founder, Idealab
- **Carla Peterman**, Executive VP - Corporate Affairs, Pacific Gas and Electric Company



- **Dale Hill**, Founder, Proterra
- **Manuel Francisco Pérez Dubuc**, CEO, Fluence
- **Daryl Wilson**, Executive Director, Hydrogen Council
- **Elon Musk**, CEO, Tesla
- **Gautam Chatterjee**, Whole-time advisor, and Former CEO, Exide Industries Ltd
- **Graham Cooley**, CEO, ITM Power
- **Hak Cheol Shin**, Director/CEO, LG Chem
- **Chetan Maini**, Co-founder & Vice Chairman, SUN Mobility
- **Horace Luke**, Chairman and CEO, Gogoro
- **Dr Imre Gyuk**, Director of Energy Storage Research, DOE US
- **James L. Robo**, Chairman and Chief Executive Officer, NextEra Energy
- **Janice Lin**, Founder and President, Green Hydrogen Coalition; Founder and Chief Executive Officer, Strategen
- **Jeff Dahn**, Industrial Research Chair NSERC/Tesla Canada Inc, NSERC/Tesla Canada Inc. + Dalhousie University
- **Jeffrey B Straubel**, Founder, Redwood Materials
- **John B. Goodenough**, Professor, University of Texas
- **Kelly Speakes-Backman**, Acting Asst Secretary and Principal Deputy Secretary for Energy Efficiency and Renewable Energy at the U.S. Department of Energy
- **Maria Skyllas Kazacos**, Researcher and Emeritus professor, School of Chemical Sciences and Engineering, University of New South Wales (UNSW), Australia
- **Mateo Jaramillo**, Cofounder & CEO, Form Energy
- **Pasquale Romano**, CEO, ChargePoint Inc
- **Patrick Clerens**, Secretary General, European Association for Storage of Energy (EASE)
- **Rachid Yazami**, Professor, National Academy of Engineering, Washington D.C
- **Dr Rahul Walawalkar**, President, Customized Energy Solutions India & India Energy Storage Alliance
- **Rakesh Malhotra**, Founder, LivGuard Energy Technologies
- **V. Samudrala**, President (New Energy, Amara Raja Batteries), Amara Raja Batteries Ltd
- **Randall MacEwen**, President and Chief Executive Officer, Ballard Power Systems
- **Stanley Whittingham**, Professor of Chemistry, Binghamton University, New York, USA
- **Takeshi Uchiyamada**, Chairman, Toyota
- **Urban Windelen**, MD, BVES (German Energy Storage Systems Association)
- **Vinod Khosla**, Founder, Khosla Ventures
- **Wang Chuanfu**, Founder and Chairman, BYD
- **William Li Nio**, Founder & CEO, Nio
- **Yet-Ming Chiang**, Co-Founder & Chief Scientist, Form Energy
- **James (Jim) Greenberger**, Executive Director and Founder, NAATBatt International
- **Babu Chalamala**, Head - ES Technology and Systems Department, Sandia National Laboratories
- **Mike Gravely**, Deputy Division Chief of the Energy Research and Development Division, California Energy Commission
- **William P. Acker**, Executive Director, New York Battery, and Energy Storage Technology Consortium (NY-BEST)

- **Venkat Srinivasan**, Director, Argonne Collaborative Center for Energy Storage Science (ACCESS), Argonne National Lab
- **John Jung**, President & CEO, Greensmith Energy Management Systems
- **Chris Shelton**, Senior Vice President, Chief Product Officer and President, AES Next
- **Ghislin Lescuyer**, CEO, Saft
- **Robert Galeyn**, CEO & President - Highview Power and Board Member - U.S. Energy Storage Association (ESA), Highview Power (CEO) Board of Directors of the U.S. Energy Storage Association (ESA)
- **Zeng Yuqun**, Founder & Chairman, Contemporary Amperex Technology (CATL)
- **Amitabh Kant**, CEO, Niti Aayog
- **Thomas Schmall**, CEO, Volkswagen Group Components

The emerging stars of energy storage list includes 4 Researchers, 5 Business leaders in energy storage, 2 Business leaders in e-mobility and 1 Policy/industry enable. The emerging stars are:

- **Lars Carlstrom**, Founder, Italvolt
- **Kristin Persson**, Scientist/ Researcher, Lawrence Berkeley National Lab and DOE's JCESR
- **Jessica Lin**, Group Product Manager of Data engineering, Oracle Utilities
- **Ramya Swaminathan**, CEO, Malta
- **Yen T. Yeh**, Founder, Battery Brunch
- **Naoki Ota**, President & CEO, 24M
- **Yi Cui**, Director, Precourt Institute for Energy, Professor of Materials Science and Engineering, Senior Fellow at the Woods Institute for the Environment and Professor, by courtesy, of Chemistry
- **Venkat Viswanathan**, Associate Professor- Department of Mechanical Engineering, Carnegie Mellon University
- **Eric Hsieh**, Director for Grid Systems and Components, DOE
- **Shirley Meng**, Professor, University of California San Diego
- **Dr Vincent Sprenkle**, Senior Technical Advisor, Pacific Northwest National Laboratory (PNNL)
- **Tristan Grimbert**, President and CEO, EDF Renewable Energy

World Energy Storage Day (WESD) virtual Global Conference & Expo is organized to commemorate the 5th WESD to foster a global ecosystem for the promotion of energy storage and emerging technologies. The 24-hour marathon event will be held on September 22, 2021, covering four global regions (encompassing Asia Pacific, India – Russia, Europe - the Middle East & Africa, and North & South America) with sessions on stationary energy storage, e-mobility, and charging infrastructure, manufacturing, innovation, R&D and green hydrogen. The event is expected to attract global participation from over 100 countries with an intent to facilitate bilateral trade, market development, and new research and innovation with the participation of regulators, policymakers, and international speakers. The conference will also have nine parallel workshops organized by various partners.

The event will have four conference tracks each of eight hours that will be available to the participants in different languages namely English, Chinese, Japanese, German, Korean, Spanish, Hindi, and French. Leading organizations, Government bodies, National Labs, and Associations across the globe will be presenting their country's contribution in the sector and will deliberate on the latest trends.



About World Energy Storage Day (WESD)

With energy storage playing a critical role for advancing growth of green energy and clean transportation, World Energy Storage Day is celebrated on 22nd September every year by various global industry stakeholders, policy makers, think tanks and associations to acknowledge its importance across the globe. It is a global movement initiated by various apex trade bodies working to promote and adopt Energy storage, e-Mobility & Charging Infrastructure and Green hydrogen technologies for a sustainable future. Customized Energy Solutions is the presenting partner and India Energy Storage Alliance is the proud organiser of the WESD-Global Conference & expo.

WESD website: www.energystorageday.org

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