

Nanotechnology Newsletter



Newsletter issue 065

26 February 2019

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Welcome to our first issue of nanotechnology newsletter of the 2019. This newsletter covers industry relevant developments in nanotechnology - innovation, commercialisation, regulation and standards.



Nanotechnology News

Welcome to this January-February 2019 issue of the Nanotechnology Newsletter. This issue is full of commercial developments in Graphene area as well as some policy developments in nanotechnology in general. Davos 2019 had a presentation on potential of nanotechnology.

We are launching a global funding platform for the Nano sector. Nanotechnology is maturing on several fronts but its position within an overall investment ecosystem is lagging behind. The particular structure and features of the sector call for a specialist investment research and focal point.



Nanotechnology's horizontal position across industry verticals makes it unsuitable for a one-size-fits all commercialisation model. BREC Ventures addresses these structural issues head on. [\[Full release\]](#)

About BREC Solutions



BREC Solutions is an independent consulting firm with a niche specialisation in nanotechnology innovation, standards, market evaluation and regulation.

[Dr Denis Koltsov](#) is BREC Solutions director and the Chairman of the [ISO TC229](#), member of the Strategy Board of directors of [NanoReg2](#), [Nanotechnology World Network](#), [National Graphene Association](#) and [Gracious EU](#) project.

Selected News



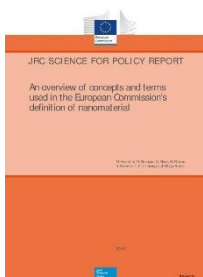
[Leading U.S graphite companies will collaborate towards high-purity graphite, spherical graphite and GRAPHENE](#)



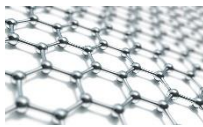
[Key issues raised at Davos 2019 which nanotechnology could help solve](#)



[Drilling speed increased by 20% – yet another upgrade in the oil & gas sector made possible by graphene nanotubes](#)



[An overview of concepts and terms used in the European Commission's definition of nanomaterial](#)



[A look back at the emergence of Graphene products in 2018](#)



[FDA Proposed Rule for OTC Sunscreen Drug Products Addresses Sunscreens Containing Nanomaterials](#)



Grouping

[Grouping of multi-walled carbon nanotubes to read-across genotoxicity: A case study to evaluate the applicability of regulatory guidance](#)



[NASA Funds \\$3 Million to Godard Space Center for Manufacturing Nanomaterial Sensors](#)



[Study reveals consumers' interest in nanotechnology packaging](#)



[Placing and open offer brings in £3.45mln for Directa Plus](#)



[Investment increases Alberta's capacity to bring micro and nanotechnology \(MNT\) products to market](#)



[First Graphene to sell PureGRAPH in Australia with NICNAS application](#)

BREC Solutions News

BREC Network offers access to world experts in:

- Nanomaterial Regulation
- Nanotechnology Standards
- Nanotechnology Scouting
- Market Evaluation
- Nanomaterials Sales Intelligence
- Nanomaterials Characterisation
- Investment
- Environmental Nanotech
- Nano-Biotechnology
- Pharmaceuticals

For more information please refer to our brochure or just [contact us](#) to find out more about our services.



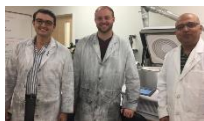
This brochure is being revised and will be updated soon.

Our partners:





[Scots firm determined to be ahead of the curve in graphene development](#)



[Valley graphene startup to open larger Mesa production facility](#)



[Poland fell out of the race for graphene \(in Polish\)](#)



[Haydale Graphene jumps on deal to supply 76kg of its propriety piezoresistive ink to HP1 Technologies](#)



[Belarus, Turkmenistan mulling prospects for scientific interaction](#)



[VW backs US nano material battery startup](#)



[EUON Looks for Topic Suggestions for Future Studies on Nanomaterials](#)



[Ford, XG Sciences Go Under the Hood with Graphene](#)



[There are many promising graphene applications – Graphene Flagship](#)



[Gratomic to launch new graphene-enhanced tires](#)



[EC Committee Includes Micro- and Nano-Plastic in the Environment and Nanoparticles Released from Building Materials and Construction Waste on List of Emerging Issues](#)

- 25 February 2019 [2nd International Conference on Materials Science and Engineering \(Paris, France\)](#)
- 25 February 2019 [Biomedical Engineering 2019 \(Haifa, Israel\)](#)
- 26 February 2019 [NanoCarbon Annual Conference \(Würzburg, Germany\)](#)
- 26 February 2019 [NanoReg2 Stakeholder Day \(Paris, France\)](#)
- 27 February 2019 [NanoReg2 Consortium Meeting and Generation Assembly \(Paris, France\)](#)
- 04 March 2019 [Graphene Automotive 2019 \(Detroit, USA\)](#)
- 06 March 2019 [5th Annual World Congress of Smart Materials-2019 \(WCSM-2019\) \(Rome, Italy\)](#)
- 07 March 2019 [1st Conference & Networking Day on REACH, CLP and Biocides Regulations \(Lisbon, Portugal\)](#)
- 07 March 2019 [National Nano Associations in the spotlight: Supporting your nano community \(Webinar: Thursday, March 7, 2019 - 15:00 to 17:00 CET\)](#)



- 11 March 2019 [5th Annual Conference on Biomaterials \(Nice, France\)](#)
- 11 March 2019 [Global Drug Delivery & Formulation Summit \(Berlin, Germany\)](#)
- 18 March 2019 [5th International conference on Nanotechnology for Renewable Materials \(Singapore\)](#)
- 18 March 2019 [International Conference on Material Science and Engineering \(Valencia, Spain\)](#)
- 18 March 2019 [EU-Asia Dialogue on Nanosa \(Bangkok, Thailand\)](#)
- 19 March 2019 [Nano in Action. Nanocomposites \(Webinar\)](#)
- 21 March 2019 [24th Annual Meeting on Nanomaterials Science \(New York, USA\)](#)
- 21 March 2019 [9th International Conference and Exhibition on Advanced Cell and Gene Therapy \(Rome, Italy\)](#)
- 24 March 2019 [1st GHI World Congress on Food Safety and Security \(Leiden, The Netherlands\)](#)
- 25 March 2019 [25th World Congress on Nanomaterials and Nanotechnology \(Yokohama, Japan\)](#)
- 25 March 2019 [Interprofessional Education Nano Training School \(Venice, Italy\)](#)
- 27 March 2019 [Int'l Coating, Adhesive and Film Industry Expo 2019 \(Songdo Convensia, Incheon\)](#)
- 27 March 2019 [Graphene Korea 2019 International Conference GRAPHENE KOREA 2019 \(Seoul - Korea\)](#)
- 27 March 2019 [NIA's 8th Annual Symposium \(Brussels, Belgium\)](#)



- 28 March 2019 [Carbon Nanotubes and Graphene Technologies \(Milan, Italy\)](#)



This newsletter has grown in number of subscriptions. We are told that this is the most comprehensive list of nanotechnology events on the net. We now have over 11,000 subscribers from all over the world. Please help us grow this community and forward it to your colleagues and friends. We offer free media partnerships with nanotechnology events and banner advertising for a reasonable fee. Get in contact with us if you want your event or company to stand out.

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- 28 March 2019 [3rd International Conference and Expo on Diamond, Graphite & Carbon Materials \(Orlando, Florida, USA\)](http://www.brec-solutions.com) <http://www.brec-solutions.com>
- 28 March 2019 [Making Quantum Technology ready for Industry \(Brussels, Belgium\)](#)
- 29 March 2019 [ICNN 2019 : 21st International Conference on Nanoscience and Nanotechnology \(Paris, France\)](#)
- 01 April 2019 [EFSA Stakeholder workshop on nanoscience and nanotechnology](#)
- 04 April 2019 [Nano in Business: Serving nanotechnology \(Webinar\)](#)
- 04 April 2019 [4th Annual Congress on Nanomedicine & Drug Delivery \(Auckland, New Zealand\)](#)
- 08 April 2019 [Global Conference on NANOTECHNOLOGY AND MATERIALS SCIENCE \(Valencia, Spain\)](#)
- 10 April 2019 [Graphene Europe \(Berlin, Germany\)](#)
- 11 April 2019 [International Conference On Nano-medicine & Drug Delivery \(Paris, France\)](#)
- 11 April 2019 [22st International Conference on Advanced Materials Science and Nanotechnology \(Abu Dhabi, UAE\)](#)
- 11 April 2019 [14th International Conference on Nano/Micro Engineered and Molecular Systems \(NEMS\) \(Bangkok, Thailand\)](#)
- 14 April 2019 [4th World Congress in Recent Advances in Nanotechnology \(RAN '19\) \(Rome, Italy\)](#)
- 15 April 2019 [6TH GLOBAL NANOTECHNOLOGY CONGRESS AND EXPO NANOTECHNOLOGY \(Dubai, UAE\)](#)
- 15 April 2019 [World Nanotechnology Conference \(Dubai\)](#)
- 15 April 2019 [10th International Congress Nanotechnology in Biology & Medicine \(Graz, Austria\)](#)
- 15 April 2019 [5th International Conference and Exhibition on Nanotechnology, Artificial Intelligence and IOT \(Hong Kong\)](#)
- 24 April 2019 [World congress on Material Science and Nanotechnology \(Chengdu, China\)](#)
- 25 April 2019 [29th International Conference on Nanomaterials and Nanotechnology \(Rome, Italy\)](#)
- 25 April 2019 [6th World Congress on Smart Materials and Polymer Technology \(Helsinki, Finland\)](#)
- 07 May 2019 [Nano in Action: Nanosafety \(webinar\)](#)
- 13 May 2019 [ASTM E56 \(Nanotechnology\) \(Sheraton Denver Downtown Hotel; Denver, CO USA\)](#)
- 13 May 2019 [Nanomaterials Science: European Congress on Nanotechnology and Materials Science Engineering \(Brussels, Belgium\)](#)
- 13 May 2019 [3rd World Congress on Nano Science and NanoTechnology \(Perth, Australia\)](#)
- 16 May 2019 [2nd International Conference on Nanomaterials and Nanotechnology \(Prague, Czech Republic\)](#)

This newsletter is growing fast. Help us grow this community even further by forwarding it to your colleagues. They can subscribe here:

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17 May 2019 [7th European Nanotechnology Congress \(Brussels, Belgium\)](#)

20 May 2019 [30th World Nano Conference \(Zürich, Switzerland\)](#)

20 May 2019 [21st Annual European Pharma Congress \(Zurich, Switzerland\)](#)

20 May 2019 [2nd European Physics Congress Berlin, Germany\)](#)

20 May 2019 [12th International Conference on Pharmaceutical Chemistry \(Berlin, Germany\)](#)

22 May 2019 [World Chemistry Forum 2019 \(WCF-2019\) Nano Science and Technology Forum Parallel Forum \(Barcelona, Spain\).](#)

26 May 2019 [SETAC Europe 29th Annual Meeting- Nano risk assessment and regulation \(Helsinki, Finland\)](#)

27 May 2019 [International Conference on Nanomedicine and Nanotechnology in Health Care \(Istanbul, Turkey\)](#)

28 May 2019 [NanoSpain Conference 2019 \(Barcelona, Spain\)](#)

03 June 2019 [2019 International Conference on Nanotechnology for Renewable Materials \(Chiba, Japan\)](#)

09 June 2019 [European Polymer Congress 2019 \(EPF 2019\) \(Crete, Greece\)](#)

10 June 2019 [International Conference and Exhibition on Materials Research and Nanotechnology \(ICMRN 2019\) \(Rome, Italy\)](#)

10 June 2019 [5th edition of the Materials Science conference \(Osaka, Japan\)](#)

12 June 2019 [8th Annual World Congress of Advanced Materials \(WCAM-2019\) \(Jinan, China\)](#)

13 June 2019 [The 3rd International Conference of Theoretical and Applied Nanoscience and Nanotechnology \(TANN'19\)](#)

17 June 2019 [5th International Congress & Expo on Biotechnology and Bioengineering \(London, UK\)](#)

21 June 2019 [8th International Conference on Nanotechnology and Nano Biotechnology \(Osaka, Japan\)](#)

25 June 2019 [Graphene 2019 \(Rome, Italy\)](#)

26 June 2019 [Nanotech France 2019 \(Paris, France\)](#)

26 June 2019 [The 5th edition of the NanoMaterials for Energy and Environment 2019 - NANOMATEN 2019 \(Paris, France\)](#)

26 June 2019 [Nanometrology 2019 International Conference and Exhibition - NANOMETROLOGY 2019 \(Paris, France\)](#)

27 June 2019 [10th anniversary Cleanpower & Smart Grids 2019 Conference Summit & Showcase \(Cambridge, UK\)](#)

28 June 2019 [Nanotech 2019 \(Paris, France\)](#)

29 June 2019 [NANOTECHNOLOGY 2019 \(Thessaloniki, Greece\)](#)

29 June 2019 [13th International Summer School on Nanosciences & Nanotechnologies, Organic Electronics & Nanomedicine \(Thessaloniki, Greece\)](#)

- 01 July 2019 [International Conference on Manipulation, Automation and Robotics at Small Scales – MARSS 2019 \(Helsinki, Finland\)](#)
- 01 July 2019 [9th International Exhibition on Nanotechnologies & Organic Electronics & Nanomedicine \(Thessaloniki, Greece\)](#)
- 02 July 2019 [16th International Conference on Nanosciences & Nanotechnologies \(Thessaloniki, Greece\)](#)
- 03 July 2019 [NanoKorea 2019 \(Seoul, Korea\)](#)
- 08 July 2019 [EuroSciCon Conference on Nanotechnology \(Prague, Czech Republic\)](#)
- 14 July 2019 [27th Annual International Conference on Composites or Nano Engineering \(ICCE-27\) \(Granada, Spain\)](#)
- 17 July 2019 [Nanotech Forum 2019 \(Zurich, Switzerland\)](#)
- 19 July 2019 [Euro IndusChem 2019 \(Zurich, Switzerland\)](#)
- 22 July 2019 [International Conference on Advanced Materials Sciences and Engineering \(ICAMSE-2019\) \(Osaka, Japan\)](#)
- 22 July 2019 [35th World Congress on Materials Science and Nanotechnology \(Melbourne, Australia\)](#)
- 22 July 2019 [3rd International Conference on Nanotechnology and Materials Science \(Rome, Italy\)](#)
- 22 July 2019 [8th Annual World Congress of Advanced Materials Japan 2019 - Theme: Redefining Next Generation Disruptive Materials \(Osaka, Japan\)](#)
- 22 July 2019 [19th IEEE International Conference on Nanotechnology \(IEEE-NANO 2019\) \(Macau, China\)](#)
- 25 July 2019 [2ND INTERNATIONAL CONFERENCE ON MAGNETISM AND MAGNETIC MATERIALS \(Rome, Italy\)](#)
- 30 July 2019 [8th International Conference on Petro Chemistry and Chemical Engineering \(Amsterdam, Netherlands\)](#)
- 04 August 2019 [The annual International Conference on Manipulation, Manufacturing and Measurement on the Nanoscale; IEEE 3M-NANO 2019 \(Zhenjiang, China\)](#)
- 14 August 2019 [2019 4th International Conference on Nanotechnology and Materials Science \(Nanjing, China\)](#)
- 17 August 2019 The 8th International Conference on Nanoscience and Technology (ChinaNANO 2019) (Beijing, China)
- 22 August 2019 [6th International Congress & Expo on Biotechnology and Nanotechnology \(BioNanotech-2019\) \(Barcelona, Spain\)](#)
- 22 August 2019 [5th World Congress on Materials Science & Engineering Materials Science and Engineering](#)
- 26 August 2019 [World Congress on Advanced Nano Research and Nano Tech Applications \(Bangkok, Thailand\)](#)

26 August 2019 [3rd International Conference on Advances and Innovative Trends in Chemistry \(Madrid, Spain\)](#)

26 August 2019 [OLC Materials Science Conference \(Valencia, Spain\)](#)

29 August 2019 [31st Nano Congress for Future Advancements \(London, UK\)](#)

03 September 2019 [Chem2Dmat \(2019\) \(Dresden, Germany\)](#)

19 September 2019 [24th International conference on Advanced Materials & Nanotechnology 2019 \(Brussels, Belgium\)](#)

20 September 2019 [24th Annual Meeting on Nanomaterials Science \(San Francisco, USA\)](#)

23 September 2019 [International Nanotechnology and Nanoscience Conference \(Chicago, USA\)](#)

24 September 2019 [International Nanotechnology and Nanoscience Conference \(Chicago, USA\)](#)

07 October 2019 [21st European Annual Congress on Nano Technology \(Osaka, Japan\)](#)

07 October 2019 [6th Global Congress & Expo on Materials Science and Nanoscience \(Materials Science-2019\) \(Dubai, UAE\)](#)

08 October 2019 [Building Confidence in Risk Assessment and Governance of Nanomaterial Innovation \(Copenhagen, Denmark\)](#)

09 October 2019 [National Nanotechnology Day \(USA\)](#)

09 October 2019 [Graphene Expo \(Coventry, UK\)](#)

14 October 2019 [International Graphene and Carbon Nanotubes Conference \(Dubai, UAE\)](#)

16 October 2019 [InterNanoPoland 2019 \(Katowice, Poland\)](#)

16 October 2019 [NANOCON 2019 - 11th International Conference on Nanomaterials - Research & Application \(Brno, Czech Republic\)](#)

27 October 2019 [IEEE NMDC 2019 14th IEEE Nanotechnology Materials and Devices Conference \(Stockholm, Sweden\)](#)

03 November 2019 [Nanotech Middle East 2019 Conference and Exhibition - NANOTECH ME 2019 \(Dubai, United Arab Emirates\)](#)

04 November 2019 [ASTM E56 \(Nanotechnology\) \(Marriott Marquis Houston; Houston, TX US\)](#)

04 November 2019 [5th Global Summit & Expo on Materials, Photonics & Optical Instruments \(Kuala Lumpur, Malaysia\)](#)

06 November 2019 [5th HVM & Graphene & New Materials 2019 Conference Summit & Showcase \(Cambridge, UK\)](#)

11 November 2019 [International Magnetism & Magnetic Materials Conference \(Venice, Italy\)](#)

11 November 2019 [Global Summit on Materials Research & Nanotechnology \(Berlin, Germany\)](#)

15 November 2019 [The International Conference on Nanotechnology Research and Applications \(ICNRA'19\) \(ORLANDO, FLORIDA\)](#)

22 November 2019 [2nd World Congress on Bioorganic and Medicinal Chemistry \(Dubai, UAE\)](#)

02 December 2019 [7th Global Nanotechnology Congress and Expo conference \(Bali, Indonesia\)](#)

11 May 2020 ASTM E56 (Nanotechnology) (Boston Marriott Copley Place; Boston, MA US)