

Nanotechnology Newsletter



Newsletter issue 050

24 January 2017

Welcome to our Nanotechnology newsletter! This is the 50th issue of this newsletter that we have been editing since December 2010. Regular issues only started from 2013 and we are very grateful to all who supported this free resource. We are committed to free circulation and this is the [first issue that is also available in Chinese](#). We would like to ask you for some patience with translated versions since we could not check the quality of google translation for some of the languages. Also for the first time the newsletter is hosted on our website in PDF format for ease of sharing with your colleagues in their languages.

BREC also celebrated its 9th year in operation anniversary at the end of 2016. It was only possible through some hard work and great support from our clients and partners.

And finally, Happy New Year and happy further seasonal celebrations!



Nanotechnology News

The month of January was as busy as the start of the year could be. One of the most important events was the introduction of a completely new [reporting scheme for nanomaterials in the USA](#). US EPA issued final reporting rule which was already [scrutinised by ACC](#). The best description of requirements can be found in an article [James Votaw from Manatt Phelps & Phillips LLP](#). It was said that filing procedures may take one full time employee all 30 days to complete! Also in the USA the [President's Council of Advisors on Science and Technology \(PCAST\)](#) had their finale discussion on NNI. In the EU, [EFSA published its annual report on nano in food](#), French authorities published a report on [French nanomaterial reporting scheme](#) and [DG Environment](#) issued some interesting news on member states proposal for regulation. [CIEL \(NGO\) published an interesting opinion piece](#) and [KEMI](#) are still consulting stakeholders. [EU Cosmetics nano-inventory](#) is getting more delayed while the UK is trying to figure out how to deal with [REACH in post-Brexit age](#). An article on [China's lead in Graphene](#) was interesting with a few corporate players in the news: [Nanopore](#), [Great Lakes Graphite](#), [Versarien plc](#), [Thomas Swan](#), [OCSiAl](#) and [Talga](#).

About BREC Solutions

BREC Solutions is an independent consulting firm with a niche specialisation in nanotechnology innovation, standards, market evaluation and regulation. We are experts in nanotechnology standards, regulation, technology scouting and application searches. [Dr Koltsov](#) is the Chairman of the [ISO TC229](#), Convener of [ISO TC281/WG2](#), member of the Strategy Board of directors of [NanoReg2](#) and on Stakeholder Panel on nanoDefine.



Articles of Interest



[US EPA issues final nano reporting rule](#)



[ACC's Nanotechnology Panel Issues a Statement Regarding EPA's Final Rule on Nanoscale Materials](#)



[EPA's First Regulation of Nanomaterials May Impact Supply Chains](#)



[Oxford Nanopore Announces £100M / \\$126M Fundraising](#)



[Great Lakes Graphite Provides Samples for Pebble Bed Reactor Qualification / High Purity Micronized](#)



[White House Should Finalize Nano Reporting Rule](#)



[Annual report of the EFSA Scientific Network of Risk Assessment of Nanotechnologies in Food and Feed for 2016](#)



[Position Paper: NGO demands for adequate EU governance of nanomaterials](#)



[Member states "could propose" nanomaterials for candidate list](#)



[Results of French reporting Scheme for nanomaterial published](#)



[Is China still leading the graphene race?](#)



[NRAM set to spark a 'holy war' among memory technologies](#)



[The final meeting of the President's Council of Advisors on Science and Technology \(PCAST\) - discussion on NNI](#)



[Versarien plc - Graphene enhanced PAEK Thermoplastics Agreement](#)

BREC and Our Partners

BREC Solutions services:

- Nanotechnology Consulting in regulation and standards
- Technology Scouting
- Market Evaluation
- Nanomaterials Sales Intelligence
- Nanomaterials Characterisation
- Nanotechnology Investment

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



Please note that we work with a number of experts in nanotechnology area to deliver a range of services.



[EU cosmetics nano inventory hits three-year delay](#)



[REACH and Brexit update following the EU referendum](#)



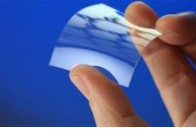
[Thomas Swan plans investment and overseas expansion as turnover tops £25m](#)



[The groundbreakers: Teesside's most innovative firms setting the high-tech agenda](#)



[The Affordable Nanotech Revolution](#)



[10 kinds of innovative products made of graphene](#)



[Meeting a graphene manufacturer: Talga Resources Ltd.](#)



[Sweden's Kemi consults on nano register draft Regulation](#)

Events of Interest

- 25 January 2017 [Innovation Landscape Micro & Nano](#)
- 25 January 2017 [NanoEHS Webinar Series - "The Utility of Alternative Testing Strategies in Nanotechnology Health and Safety Evaluations"](#)
- 29 January 2017 [The 8th Australian Colloid and Interface Symposium](#)
- 30-Jan-2017 [Graphene & 3d Printing \(Webinar\)](#)
- 01 February 2017 [nanoPT2017 – "Nanoscience and Nanotechnology International Conference \(Porto, Portugal\)](#)
- 05 February 2017 [International Conference on Nanoscience and Nanotechnology \(IC2N\) \(Pune, India\)](#)
- 05 February 2017 [International Conference on Nanoscience and Nanotechnology \(IC2N\) \(Penang, Malaysia\)](#)
- 05 February 2017 [International Conference on Nanoscience and Nanotechnology \(IC2N\) \(Kuala Lumpur, Malaysia\)](#)
- 06 February 2017 [Introduction to Nanomaterial Safety: UNITAR E-Learning Course \(online\)](#)
- 06 February 2017 [Particle Tracking Analysis Standards ISO 19430 publication Webinar \(Malvern\)](#)
- 07 February 2017 [New tools and approaches for nanomaterial safety assessment \(Malaga, Spain\)](#)
- 11 February 2017 [International Conference on Nanoscience and Nanotechnology \(IC2N\) \(London, United Kingdom\)](#)
- 12 February 2017 [8th International Conference on Advanced Materials and Nanotechnology \(AMN8\) \(Queenstown, New Zealand\)](#)
- 12 February 2017 [Non-Invasive Delivery of Macromolecules Conference 2017](#)
- 12 February 2017 [International Conference on Nanoscience and Nanotechnology \(IC2N\) \(Bangkok, Thailand\)](#)
- 14 February 2017 [Colombia- US workshop on nanotechnology: characterization, metrology, manufacturing and safety \(Bogota, Colombia\)](#)
- 15 February 2017 [The 16th International Nanotechnology Exhibition & Conference \(Tokyo, Japan\)](#)
- 16 February 2017 [ADVANCED MATERIALS IN CONSTRUCTION SUMMIT \(Berlin, Germany\)](#)
- 18 February 2017 [International Conference on Nanoscience and Nanotechnology \(IC2N\) \(Delhi, India\)](#)
- 19 February 2017 [International Conference on Nanoscience and Nanotechnology \(IC2N\) \(Mumbai, India\)](#)
- 19 February 2017 [International Conference on Nanoscience and Nanotechnology \(IC2N\) \(Bangkok, Thailand\)](#)
- 19 February 2017 [International Conference on "Advances in Biological Systems and Materials Science in NanoWorld" \(Varanasi, INDIA\)](#)
- 20 February 2017 [7th Annual Congress on Materials Research and Technology \(Berlin, Germany\)](#)

Featured Events

smartsystems integration

Cork, Ireland, 8 - 9 March 2017
smartsystemsintegration.com



8th Global

DDF Summit

Drug Delivery & Formulation

27 – 29 March 2017 | Berlin

NanoTech Poland 2017

International Conference
& Exhibition

1st - 3rd June 2017
Poznan (Poland)



EuroNanoForum
2017

[21 June 2017 \(Malta\)](#)

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.

- 21 February 2017 [NanoCarbon Annual Conference 2017 \(Wurzburg, Germany\)](#)
- 25 February 2017 [International Conference on Nanoscience and Nanotechnology \(IC2N\) \(Dehradun, India\)](#)
- 26 February 2017 [International Conference on Nanoscience and Nanotechnology \(IC2N\) \(Nagpur, India\)](#)
- 26 February 2017 [International Conference on Nanoscience and Nanotechnology \(IC2N\) \(Kuala Lumpur, Malaysia\)](#)
- 26 February 2017 [International Conference on Nanoscience and Nanotechnology \(IC2N\) \(Goa, India\)](#)
- 26 February 2017 [Nanomaterials for Applications in Energy Technology](#)
- 28 February 2017 [ANSI Nanotechnology Standards Panel \(ANSI-NSP\) meeting on Graphene Commercialization and Standardization needs](#)
- 02 March 2017 [Graphene Connect - Future Electronics \(Fira Gran Via, Barcelona, Spain\)](#)
- 05 March 2017 [ICNN 2017 : 19th International Conference on Nanoscience and Nanotechnology \(Rome, Italy\)](#)
- 06 March 2017 [5th International Conference on Multifunctional, Hybrid and Nanomaterials \(Lisbon, Portugal\)](#)
- 07 March 2017 [NanoSpain2017 \(San Sebastian, Spain\)](#)
- 08 March 2017 [Smart Systems Integration 2017 \(Cork, Ireland\)](#)
- 11 March 2017 [NANOTEK 2017 \(Hamburg, Germany\)](#)
- 12 March 2017 [NanoImpact Conference](#)
- 13 March 2017 [10th International Conference and Exhibition on Pharmaceuticals & Novel Drug Delivery Systems \(London, UK\)](#)
- 16 March 2017 [3rd Annual World Congress of Smart Materials-2017 \(Bangkok, Thailand\)](#)
- 20 March 2017 [3rd International Conference on Smart Materials & Structures \(Orlando, Florida, USA\)](#)
- 24 March 2017 [Fifth International Conference: Nanotechnology, Biotechnology and Spectroscopy: tools of success in the coming Era• \(Giza, Egypt\)](#)
- 25 March 2017 [International Biotechnology Congress-2017 \(Xian, China\)](#)
- 27 March 2017 [World Congress and Expo on Nanotechnology and Nanoengineering \(Dubai, UAE\)](#)
- 27 March 2017 [2nd Annual Conference and Expo on Biomaterials \(Madrid, Spain\)](#)
- 27 March 2017 [Trends in Nanoscience 2017 \(Kloster Irsee, Germany\)](#)
- 27 March 2017 [Global Drug Delivery & Formulation Summit \(Berlin, Germany\)](#)
- 28 March 2017 [Graphene2017 \(Barcelona, Spain\)](#)
- 29 March 2017 [The International Conference on Surfaces, Coatings and Interfaces \(Incheon, Korea\)](#)
- 30 March 2017 [14th Global Experts Meeting on Nanomaterials and Nanotechnology \(Madrid, Spain\)](#)

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- 01 April 2017 [Nanomedicine 2017](#)
- 01 April 2017 [5th International Conference on Nano and Materials Engineering \(ICNME 2017, Bali, Indonesia\)](#)
- 03 April 2017 [2nd International Nanotechnology Conference & Expo \(Dubai, UAE\)](#)
- 03 April 2017 [European Nanomedicine Meeting 2017 \(London, UK\)](#)
- 03 April 2017 [NanoWorld Conference \(NWC-2017, Boston USA\)](#)
- 04 April 2017 [2nd International Conference on Nanomedicine, Drug Delivery, and Tissue Engineering \(NDDTE'17\)](#)
- 04 April 2017 [The 2nd International Conference on Nanobiotechnology \(ICNB'17\) \(BARCELONA, SPAIN\)](#)
- 04 April 2017 [The 2nd International Conference on Nanotechnology Modeling and Simulation \(ICNMS'17\) \(BARCELONA, SPAIN\)](#)
- 04 April 2017 [The 2nd International Conference on Nanomedicine, Drug Delivery, and Tissue Engineering \(NDDTE'17\) \(BARCELONA, SPAIN\)](#)
- 04 April 2017 [The 2nd International Conference on Nanotechnology and Environmental Issues \(ICNEI'17\)](#)
- 04 April 2017 [2nd International Conference on Nanomedicine, Drug Delivery, and Tissue Engineering \(NDDTE'17\)](#)
- 05 April 2017 [4th World Congress and Expo on Nanotechnology and Materials Science \(Nano and Materials Science-2017, Barcelona, Spain\)](#)
- 05 April 2017 [13th Zsigmondy Colloquium of the German Colloid Society \(Saarbrücken, Germany\)](#)
- 09 April 2017 [2017 IEEE 12th International Conference on Nano/Micro Engineered and Molecular Systems \(NEMS, Los Angeles, United States \)](#)
- 24 April 2017 [Nanomaterials : Industrial Workshop on Safe-By-Design](#)
- 24 April 2017 [International Conference and Exhibition on Pharmaceutical Development and Technology \(Dubai, UAE\)](#)
- 24 April 2017 [World congress on Nanotechnology & Nanomaterials 2017](#)
- 24 April 2017 [International Conference on Advanced Graphene Materials and Semiconductors](#)
- 26 April 2017 [3rd International Smart Materials & Surfaces Conference \(Paris, France\)](#)
- 26 April 2017 [The 3rd Edition of the European Graphene Forum 2017 Conference and Exhibition \(EGF 2017\) \(Paris, France\)](#)
- 07 May 2017 [CLINAM 10/2017](#)

08 May 2017 [10th Asia-Pacific Pharma Congress \(Singapore\)](#)

10 May 2017 [IDTechEx Graphene and 2D Materials event \(Berlin, Germany\)](#)

14 May 2017 [20th annual Nanotech 2017 Conference & Expo \(Washington DC, USA\)](#)

28 May 2017 [11th International Conference on New Diamond and Nano Carbons 2017](#)

29 May 2017 [International Conference and Exhibition on Nanomedicine and Drug Delivery \(Osaka, Japan\)](#)

29 May 2017 [8th International Symposium on Nanotechnology, Occupational and Environmental Health 'Closing in the gaps in nanosafety'](#)

29 May 2017 [8th International Conference and Exhibition on Materials Science and Engineering \(Osaka, Japan\)](#)

29 May 2017 [8th International Conference and Exhibition on Materials Science and Engineering \(Osaka, Japan\)](#)

01 June 2017 [NanoTech Poland 2017 \(Poznan, Poland\)](#)

05 June 2017 [16th World Nano Conference \(Nano 2017, Milan, Italy\)](#)

05 June 2017 [International Nanotechnology Conference for Renewable Materials \(Montreal, Canada\)](#)

07 June 2017 [The 8th International Conference on Nanotechnology: Fundamentals and Applications \(ICNFA'17\)](#)

12 June 2017 [9th World Congress on Materials Science and Engineering \(Rome, Italy\)](#)

12 June 2017 [2nd International Conference on Applied Surface Science \(ICASS, Dalian, China\)](#)

14 June 2017 [6th Annual World Congress of Advanced Materials \(WCAM-2017, Xi, China\)](#)

20 June 2017 [2nd Open meeting on Standardisation for Nanotechnologies and Nanomaterials \(Malta\)](#)

21 June 2017 [EuroNanoForum 2017 \(Valletta, Malta\)](#)

25 June 2017 [18th International Conference on the Science and Application of Nanotubes and Low-dimensional Materials](#)

26 June 2017 [3rd International Conference and Expo on Ceramics and Composite Materials \(Madrid, Spain\)](#)

28 June 2017 [Nanotech France 2017 International Conference and Exhibition \(Paris, France\)](#)

28 June 2017 [Nanometrology France 2017 Conference and Exhibition \(NanoMetrology 2017\) \(Paris, France\)](#)

28 June 2017 [NanoMaterials for Energy and Environment 2017 \(NanoMatEn 2017\) \(Paris, France\)](#)

1 July 2017 [NANOTECHNOLOGY 2017 \(Thessaloniki, Greece\)](#)

02 July 2017 [7th International Conference on Nanomaterials by Severe Plastic Deformation \(Sydney, Australia\)](#)

03 July 2017 [16th Annual Medicinal & Pharmaceutical Sciences Congress \(Kuala Lumpur, Malaysia\)](#)

03 July 2017 [4th Annual Congress on Drug Discovery & Designing \(Bangkok, Thailand\)](#)

07 July 2017 [2ND INTERNATIONAL CONFERENCE ON NANOTECHNOLOGY AND NANOMATERIALS IN ENERGY \(ICNNE2017\) \(Lyon, France\)](#)

10 July 2017 [International Conference on Nanobiotechnology \(Chicago, USA\)](#)

10 July 2017 [1st World Congress on Nano Science and Nano Technology \(Jakarta, Indonesia\)](#)

11 July 2017 [World Congress on Regulations of Nanotechnology \(Chicago, USA\)](#)

11 July 2017 [The 9th International Conference on Advanced Materials \(ROCAM 2017, Bucharest, Romania\)](#)

12 July 2017 [nano Korea 2017 \(Seoul, Korea\)](#)

16 July 2017 [The Twenty-Fifth Annual International Conference on COMPOSITES/NANO ENGINEERING \(ICCE-25\) \(Rome, Italy\)](#)

17 July 2017 [International WE-Heraeus-Physics School on Exciting nanostructures: Probing and tuning the electronic properties of confined systems](#)

17 July 2017 [International Conference on Graphene and Semiconductors \(Chicago, Illinois, USA\)](#)

17 July 2017 [International Conference on Diamond and Carbon Materials \(Chicago, Illinois, USA\)](#)

19 July 2017 [9th International conference on Advanced Nanomaterials \(ANM2017\)](#)

19 July 2017 [3rd International conference on Advanced graphene materials](#)

19 July 2017 [2nd International conference on Advanced magnetic and spintronics materials](#)

19 July 2017 [1st International conference on Advanced polymer materials and Nanocomposites](#)

24 July 2017 [17th International Conference and Exhibition on Nanomedicine and Nanotechnology in Health Care \(Brisbane, Australia\)](#)

24 July 2017 [3th International Conference and Exhibition on Pharmaceutical Nanotechnology](#)

24 July 2017 [13th International Conference and Exhibition on Pharmaceutical Nanotechnology \(Rome, Italy\)](#)

25 July 2017 [IEEE 17th International Conference on Nanotechnology \(IEEE-NANO, Pittsburgh, United States \)](#)

25 July 2017 Ultrafine Bubble Technology Symposium (Singapore)

26 July 2017 [International Conference on Nanotechnology, Nanomaterials & Thin Films for Energy Applications \(Aalto University, Finland\)](#)

27 July 2017 [International Conference and Exhibition on Pharmaceutical Nanotechnology \(Rome, Italy\)](#)

27 July 2017 [10th International Conference on Emerging Materials and Nanotechnology \(Vancouver,](#)

[Canada](#)

01 August 2017 [7th International Conference on Manipulation, Manufacturing and on the Nanoscale \(3M-NANO\) \(Shanghai, China\)](#)

01 August 2017 [9th Nano Congress for Next Generation \(Manchester, UK\)](#)

07 August 2017 [International Conference on Nanotechnology 2017 \(Beijing, China\)](#)

07 August 2017 [ICANM 2017: International Conference & Exhibition on Advanced & Nano Materials \(Toronto, Canada\)](#)

14 August 2017 [2nd World Congress and Expo on Graphene & 2D Materials \(Scotland, UK\)](#)

21 August 2017 [3rd Global Nanotechnology Congress and Expo](#)

22 August 2017 [1st European Conference on Chemistry of Two-Dimensional Materials \(Chem2DMat\)](#)

22 August 2017 [Nanogenerator and Piezotronics Symposium \(Sweden\)](#)

22 August 2017 [Global Graphene Forum](#)

24 August 2017 [The International Conference of Theoretical and Applied Nanoscience and Nanotechnology \(TANN'17\) \(Toronto, Canada\)](#)

29 August 2017 [14th European Conference on Molecular Electronics \(ECME 2017 Dresden, Germany\)](#)

31 August 2017 [19th Nano Congress for Next Generation \(Brussels, Belgium\)](#)

06 September 2017 [11th International Conference on Advanced Materials and Processing \(Edinburgh, UK\)](#)

10 September 2017 [8th International Conference on Fracture of Polymers, Composites and Adhesives \(Les Diablerets, Switzerland\)](#)

10 September 2017 [10th Nanotechnology Conference \(London, UK\)](#)

10 September 2017 [The Eleventh International Conference on Quantum, Nano/Bio, and Micro Technologies \(Rome, Italy\)](#)

11 September 2017 [International Conference on Advanced Nanotechnology \(Amsterdam, Netherlands\)](#)

13 September 2017 [Nanophotonics and Micro/Nano Optics International Conference 2017 \(Barcelona, Spain\)](#)

17 September 2017 [17th Nanotechnology Products And Expo \(Seoul, Korea\)](#)

18 September 2017 [International Conference on Next Generation Nanotechnology \(Jackson Ville, USA\)](#)

25 September 2017 [Graphene Week 2017 \(Athens, Greece\)](#)

25 September 2017 [2nd Global Congress & Expo on Materials Science and Nanoscience \(Valencia, Spain\)](#)

25 September 2017 [12th Annual Pharma Middle East Congress \(Dubai, UAE\)](#)

25 September 2017 [12th Annual Congress on Materials Science and Nanotechnology \(Dubai, UAE\)](#)

26 September 2017 [Micro Nano MEMS 2017](#)

28 September 2017 [International Conference on Nanochemistry \(Atlanta, USA\)](#)

28 September 2017 [Nanochemistry 2017 International Conference on Nanochemistry \(Atlanta, USA\)](#)

28 September 2017 [2nd International Conference on Biochemistry \(Dubai, UAE\)](#)

02 October 2017 [3rd International Conference on Polymer Science and Engineering \(Chicago, USA\)](#)

02 October 2017 [3rd International conference on rheology and modelling of materials \(Miskolc, Hungary\)](#)

09 October 2017 [3rd International Conference on Nanomaterials: Fundamentals and Applications \(NFA 2017\)](#)

10 October 2017 [INC 2017 Industrial Nanocomposites Conference \(Stuttgart, Germany\)](#)

16 October 2017 [11th World Drug Delivery Summit \(New York, USA\)](#)

16 October 2017 [5th International Congress and Expo on Nanotechnology and Materials Science \(Dubai, UAE\)](#)

18 October 2017 [15th World Medical Nanotechnology Congress & Expo \(Osaka, Japan\)](#)

19 October 2017 [9th Annual Congress on Drug Design & Drug Formulation During \(Seoul, South Korea\)](#)

26 October 2017 [13th International Conference on Advanced Materials and Nanotechnology \(Osaka, Japan\)](#)

27 October 2017 [Nano USA 2017 - International Conference and Exhibition on Nanoparticles & Nanotechnology \(USA\)](#)

12 November 2017 [6th International Conference on Ultrafine Grained and Nano-Structured Materials \(Kish Island, Iran\)](#)

13 November 2017 [13th International Conference and Exhibition on Materials Science and Engineering \(Las Vegas, Nevada, USA\)](#)

13 November 2017 [13th International Conference on Nanotek and Expo \(Chicago, USA\)](#)

13 November 2017 Nanotechnology Products and Summit (Atlanta, USA)

13 November 2017 [22nd International Conference and Expo on Nanoscience and Molecular Nanotechnology \(Vienna, Austria\)](#)

13 November 2017 [Global Nanomaterials Congress](#)

23 November 2017 [17th International Conference and Exhibition on Nanomedicine and Nanotechnology in Health Care \(Melbourne, Australia\)](#)

19 December 2017 20th International Conference & Expo On

2017 Nanoscience & Molecular Nanotechnology
(Osaka, Japan)

01 January 2018 [International Conference on Manipulation,
Manufacturing and Measurement on the
Nanoscale \(3M-Nano\) \(Hangzhou, China\)](#)

14 March 2018 [ICNN 2018 : 20th International Conference on
Nanoscience and Nanotechnology \(London, UK\)](#)

29 March 2019 [ICNN 2019 : 21st International Conference on
Nanoscience and Nanotechnology \(Paris, France\)](#)
