

# GLASS News

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Bi-lingual



## MICHEL GIANNUZZI ELECTED AS NEW FEVE PRESIDENT

At its Annual General Assembly in June, FEVE elected its executive team for the 2019-21 term of office.

Mr. Michel Giannuzzi, Chairman and Chief Executive Officer of the Verallia Group – one of Europe's leading glass packaging manufacturers for the food and beverage sector, has been elected as President of the association, succeeding Mr. Johan Gorter, CEO of Ardagh Glass Europe. Commenting on his new role, Mr. Giannuzzi said: "Our industry has a unique opportunity right now: as packaging is under scrutiny by consumers for its sustainability and healthy credentials. The glass industry is perfectly positioned to respond to customer and regulatory requirements leveraging the benefits of the Circular Economy".

Today, some 80 billion bottles, jars and flacons are supplied annually to the global food and beverage industry as well as to fragrance, cosmetics and pharma markets. Glass packaging is easily and infinitely recyclable. In the last fifteen years, glass recycling has increased by 139% throughout Europe. Some 1.5 million bottle banks are available across the region and an average of 74% of Europe's glass is collected for recycling, demonstrating the success of the dedicated glass recycling scheme introduced in Europe in the 1970s. These numbers also underline the commitment of the glass industry to attain aggressive recycling rates.

Mr. Giannuzzi added, "As we move towards a more sustainable future, we



have a great opportunity to continue innovating glass production. We are determined to further reduce our industry's environmental footprint, increase quantity and quality of recycled glass, and continue to design new packaging solutions that provide value to our customers and their brands". He concluded: "In my role as President, building on the excellent job done by my colleague Johan Gorter, I want to convey enthusiasm and energy, and further promote sustainability goals, technology innovation, customer proximity and consumer engagement".

In addition, Mr. Vitaliano Torno, President of O-I Europe, has been elected Vice-President of FEVE. Mr. Torno commented: "Our customers thrive on glass as the most sustainable packaging solution. Led by the knowledge and ambition of our industry's employees, we are innovating to help our customers build their precious and renowned brands and become valued partners as well as sustainable producers. I am determined to move the glass industry forward and promote the benefits of glass."

*FEVE is the Federation of European manufacturers of glass containers and*

*machine-made glass tableware. Its members produce over 20 million tonnes of glass per year. The association has some 60 corporate members belonging to approximately 20 independent corporate groups. Manufacturing plants are located across 23 European States and include global blue chip and major companies working for the world's biggest consumer brands.*

## GOPAL GANATRA ELECTED AS PRESIDENT OF CCPS

Mr. Gopal Ganatra has been appointed as President of Confederation of Construction Products & Services (CCPS).



*The Confederation of Construction Products and Services is a non-profit organisation which is dedicated to the sustainable growth of construction products sector by working collectively with its members and others to improve quality and efficiency in construction.*

Mr. Ganatra is Fellow Company Secretary, a law graduate and MBA in Finance & Marketing from Management Development Institute (MDI), Gurgaon. He has 15 years of experience (all with Asahi India Glass Ltd.) in various

fields of Business Management, Legal Operations, Strategic Finance, Corporate Strategy, Joint Venture Management, Corporate Restructuring, Mergers & Amalgamations, Business Feasibility Studies, Analysts Communications and Presentations, Corporate Communications, Strategic Marketing, Business Operations and Review, MIS, Governance, Risk Management, Internal Audit, IT, HR, New Business Start-up and overall general management.

**NEW RESPONSIVE WEBSITE FOR THE EXPERTS IN GLASS**

Leading experts in glass, Glass Technology Services, have unveiled a brand-new responsive website – completing their rebranding process and continuing their programme of strategic investments throughout the growing business.

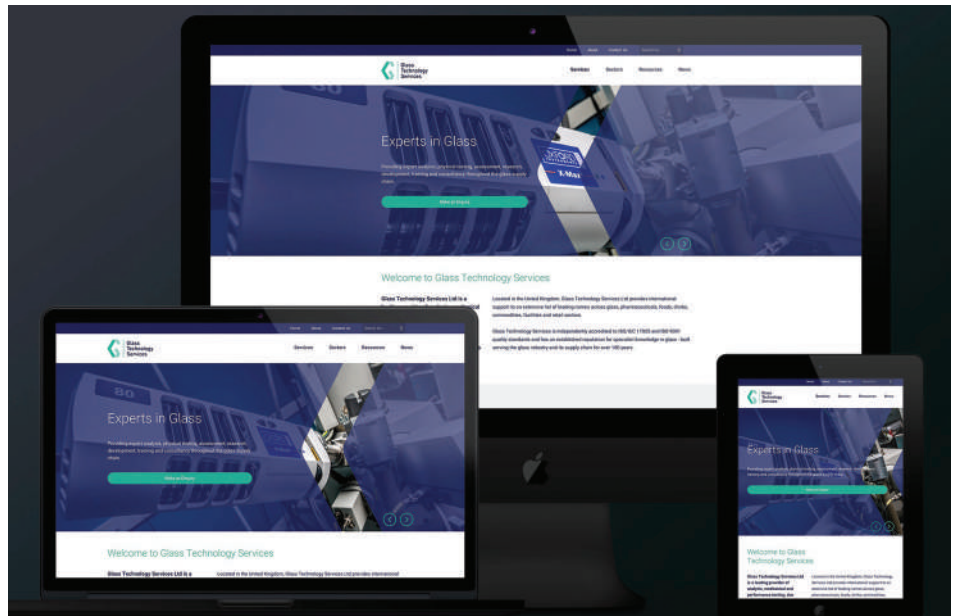
Built with a responsive layout, the new website ensures a consistent cross-device user experience, as well as improved navigation and enquiry processes – making it easier than ever for visitors to access the information they need and contact the experts for technical support.

The rebuild includes a refresh of their free ‘glass weight estimator’ and ‘effective U-value’ calculators, which alone receive over 9,500 visitors a month.

Head over to [www.glass-ts.com](http://www.glass-ts.com) to learn more and see the changes.

The fresh new site showcases Glass Technology Services’ wide range of analytical and technical support offered throughout the glass supply chain - including specialist support in pharmaceuticals, food and drink and manufacturing sectors.

Their technical support, which includes training, product verification,



performance testing, technical consultancy and routine analysis, enables the world’s leading brands to verify their products, troubleshoot issues and pave the way with cutting-edge glass research and new product development.

Business Development Manager, Mr. Phil Marsh said: “We’re delighted to unveil the final part of our rebranding - the new website reflects our new branding perfectly and provides a seamless experience for our customers to get the information they need, while showcasing the very best of what our expert teams provide.

“Over a third of visitors use a portable device to access our content and this number is rapidly growing – so, it was essential that we adopted responsive design to ensure our customers and prospective clients receive a consistent experience however they access our site and can easily access the content they need.”

Glass Technology Services Ltd., provides analysis, consultancy, testing and research and development support to all parts of the glass supply chain – from raw materials to the end consumer. The experts in glass pride themselves on their reputation,

confidentiality and impartiality and are accredited to ISO 9001 and ISO/IEC 17025 standards.

**JOIN THE No.1 - POSITIVE TREND IN THE INDUSTRY CONTINUES – EXHIBITOR REGISTRATION NOW OPEN**

The world’s biggest get-together of all protagonists in the glass industry will once again be held in Düsseldorf from October 20-23, 2020.

At the 26<sup>th</sup> glasstec - International Trade Fair for Glass Production, Processing and Products – again over 40,000 visitors are expected to come from some 120 countries and in excess of 1,200 exhibitors from over 50 nations. The development of this the world’s No. 1 trade fair for glass reflects the positive global trend in the glass sector. The latest figures from the European and the German market serve as an example for the positive development in industry.

As of now companies from the areas of mechanical engineering, industry and skilled crafts can register for glasstec 2020 online.

Exhibitors can register for glasstec using the direct link [www.glasstec-online.com/2330](http://www.glasstec-online.com/2330)

Companies that already participated in 2018 can use already pre-completed and editable forms. The allocation of stand space will start after the registration deadline on December 1, 2019.

For more information on glasstec 2020 go to: [www.glasstec.de](http://www.glasstec.de) or [www.glasstec-online.com](http://www.glasstec-online.com)

### UK RESEARCH COULD ‘CUT EMISSIONS AND SAVE MILLIONS OF POUNDS’

Scientists at UK-based Glass Technology Services have demonstrated techniques that could potentially cut carbon emissions drastically and save the glassmaking industry millions of pounds every year by using waste ash from biomass power plants.

Research in the laboratories in Sheffield has shown that using the ash could cut carbon emissions and replace up to a fifth of the conventional mined and man-made raw materials used to make glass (sand, soda ash and limestone). UK biomass power plants currently produce more than one million tons of waste ash a year.

And now the researchers, working with Sheffield Hallam University, are looking at how they can make the process more efficient, demonstrating to glass manufacturers that they can make quality glass using waste ash which melts at lower temperatures thus saving energy costs, and at the same time cut down on CO<sub>2</sub> emissions.

This could give a massive boost to the manufacture of bottles and jars, float glass for windows, doors and the automotive industry, the glass fibre used in wind turbines, and high-value ceramics.

Glass Technology Services (GTS) is leading two collaborative projects in this area. The first, funded by a £508,000 grant from government department BEIS, the Department for Business, Energy and Industrial Strategy, is looking to develop glass products for the coloured container glass sector. The second, with a £494,000 grant from Innovate UK, the Government’s innovation agency, is looking at how the ash could be used in a broader range of applications, including float glass, glass wool and high value ceramics. Both projects are researching how to reduce the glass melting point, cutting the energy required to make the glass, and CO<sub>2</sub> emissions.

Although the UK glass industry is among the most efficient in the world, it generates more than 2 million tonnes of CO<sub>2</sub> a year from burning fossil fuels to power furnaces and from the unavoidable release of CO<sub>2</sub> from raw materials such as limestone during the melting process. The industry has increased productivity and cut carbon emissions by 54% since 1979, and the GTS research is another part of its work to continue improving that figure.

Mr. Rob Ireson, leader of the GTS innovation team, said: “Our research could mean potential savings to the UK glass industry of £1.6m a year in energy costs and CO<sub>2</sub> savings of around 10%.

“Other benefits include less emissions, reducing the impact of mining and the amount of hazardous waste sent to landfill.

“As an industry we are already working hard to improve efficiency across all aspects of glass manufacture. The 2050 ‘Roadmap’ which the trade membership organisation British Glass has produced together with Sheffield Hallam University is leading the way for the sector. It looks at improving furnaces, and the design of the product being manufactured, whether that is bottles and jars or flat glass for buildings. We are also focusing closely on waste heat recovery and recycling.

“So this is very exciting work. If by using waste ash from power stations we can cut down on carbon emissions, reduce the amount of energy needed, and also reduce the waste material we produce, it’s a win-win situation for everybody.”





## SCHOTT REPEATEDLY INCREASES PRODUCTION CAPACITY FOR PHARMACEUTICAL TUBING IN INDIA

The German technology group SCHOTT is investing an additional double-digit million-euro figure into a new glass tank at its tubing manufacturing plant in Jambusar, Gujarat. The expansion follows recent investments at the site including the construction of another additional tank facility just last year. Production of pharmaceutical FIOLAX® tubing from the new tank is scheduled to begin in the second half of 2020.

The capacity expansion is part of the company's global growth strategy of its pharma tubing and packaging business segments. "The pharmaceutical market is booming worldwide with a very high demand for premium pharmaceutical packaging and tubing", comments Dr. Patrick Markschlaeger, Executive Vice President at SCHOTT, Business Unit Tubing. "In order to supply the rapidly growing domestic and Asian market, we are investing once again a multimillion-euro figure in our Jambusar site to increase our manufacturing capacity in India."

FIOLAX® borosilicate glass tubing features a high hydrolytic resistance, which makes it an ideal material for primary packaging of medicines. "Since its development in 1911, FIOLAX® has been established as the gold-standard material for pharmaceutical containers and its behavior with drugs is well researched and proven. In India, it is primarily used to manufacture glass vials and ampoules", adds Mr.

Sundeepr Prabhu, Vice President Sales & Marketing Jambusar at SCHOTT Glass India Pvt. Ltd.

In line with the company's aim to manufacture zero defect tubing, the tank will feature the unique big data approach perfeXion®. The process, which has been rolled-out globally by SCHOTT since 2017, ensures 100% quality control of each tube on the line by using cameras, laser and IR inspection systems. "In Jambusar we are combining Indian and European technologies and local skills. With the additional tank, we are also adding new workplaces," explains Mr. Georg Sparschuh, Managing Director at SCHOTT Glass India Pvt. Ltd.

The new tank will be built and equipped with the latest state-of-the-art machinery according to the high standard of all SCHOTT Tubing production sites. Besides the tank facility, the investment includes an extension of the batch house, warehouses and a new chimney.

## GULF GLASS RETURNS TO DUBAI FROM SEPTEMBER 24-26

Gulf Glass, the leading glass event in the Middle East, will return to the Dubai World Trade Centre from

September 24-26, 2019, alongside Windows, Doors & Facades Event (WDF), the region's largest dedicated exhibition for the windows, doors and facades industry.

The two exhibitions will run in parallel providing industry professionals a unique platform to source innovative products from around the world, discover the latest technologies, network and learn.

Leading brands including Saint Gobain, BDF Industries, Henry F. Teichmann, Horn Glass Industries, Bucher EMHART Glass, BASF, Forma Glass, Lizmontagens, Asahi India and Godrej already confirmed their participation at Gulf Glass.

The move comes as industry reports forecast growing business opportunities in the Middle East. According to a recent MEED Projects report, in fact, the value of construction projects either in the planning stage or in the delivery stage is estimated at USD 2.7 trillion across the GCC only.

Mr. Muhammed Kazi, Portfolio Event Director at DMG Events, says: "The UAE is expected to witness the major growth in the container glass segment in the coming years, and huge opportunities emerge in the flat glass



segment too thanks to its versatile application in the construction industry. The demand for green buildings, solar technologies, and eco-friendly facades innovations for both new and retrofit projects in the Middle East are opening a wealth of opportunities to both local and international manufacturers across the glass, windows, doors and facades industries.”

In 2019, over 11,000 participants are expected to meet in Dubai at Gulf Glass and the co-located WDF, where more than 300 exhibiting brands will showcase their products.

The largest glass, windows, doors and facades industry gathering in the Middle East, will also offer a wide education agenda including free CPD-certified workshops delivered by industry experts across the three days.

The educational sessions will include presentations on challenges in selecting the right glass solutions, managing the aesthetic of glass architecture, latest trends in the use of BIPV glass, energy saving solutions for the glass industry, and advances in smart glass and smart tinting technologies, among others.

Dr. Elmira Ryabova, the President, CEO, CTO and founder of the California-based Advenira Enterprises, Inc., is one of the confirmed speakers at Gulf Glass.

Presenting a workshop on “Non-metallic Solar Heat Control Coating for Automotive and Architectural Glass”, Dr. Ryabova is an industry

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leader with extensive experience in thin film technology, and is actively working with a number of top glass manufacturers across the world to enable affordable energy-saving window coating technology for modern architectural and automotive glass industries.

“We have developed UV - and abrasion-resistant solar heat control coating solutions for polycarbonate applications, such as sunroofs, aerospace, and railroads,” she says. “While most of these projects are well underway in Europe and Asia, we feel that the Middle East should be our main focus area to introduce non-metallic Solar Heat Control coatings.

“We firmly believe that the UAE and its neighbors will find our coatings extremely attractive, as there is no shortage of bright, hot sunny days throughout a year. Partnerships in the production of energy saving windows, glass and polycarbonate to be supplied locally and globally is our primary goal.”

Commenting on her participation as a speaker at Gulf Glass 2019, Dr. Ryabova adds: “We will be happy to share the accumulated knowledge and expertise in Solar Heat Control coatings with all the attendees, and hope that our unique and proprietary SDN® technology will pave the way for environmentally friendly, energy efficient, and lower emission habitat for human kind.”

Organised every two years by DMG Events, Gulf Glass is an unmissable one stop shop for all things related to glass. It hosts suppliers of finished products, glass production technology and machinery, glass processing & finishing solutions, measurement, testing & control technology, tools, replacements and spare parts, as well as auxiliary equipment and fitting.

The latest edition of the show, which took place in 2017, welcomed 5,500 participants and over 140 exhibitors from 22 countries.

Gulf Glass is supported by Glass Source (Exclusive Glass Solutions Sponsor), Thomas Bell-Wright International Consultants (Testing & Certification Partner), and Advenira (Workshop Sponsor).

The event is free to attend for industry professionals. To know more about Gulf Glass (September 24-26 2019, Dubai World Trade Centre), Visit: [www.gulf.glass](http://www.gulf.glass)



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Executive Committee of the AIGMF met at the Yoga Capital of the World in the foothills of Himalayas on May 3, 2019 at Modi Yoga Retreat, Rishikesh (Uttarakhand). The meeting was hosted by HNG & Industries Ltd. Among main agenda points, discussions were carried on celebrating Platinum Jubilee of AIGMF alongside Ex Com and Annual General meetings in September in Delhi. Launch of other related events as a warm-up before platinum jubilee event i.e. 2<sup>nd</sup> AIGMF Glass Awards as well as 2<sup>nd</sup> AIGMF Drawing Competition on theme 'Adopt A Glass Bottle' were also discussed.

## मोदी 2.0 का पहला बजट: क्या हुआ महंगा और क्या हुआ सस्ता

जुलाई 5 को वित्त मंत्री निर्मला सीतारमण ने मोदी सरकार 2.0 का पहला बजट पेश किया। दो घंटे 10 मिनट के बजट भाषण में निर्मला सीतारमण ने कई नई योजनाओं के एलान के साथ कई वस्तुओं के दाम घटाने और बढ़ाने की घोषणा की।

इस बजट के बाद पेट्रोल-डीजल की कीमतों में बढ़ोतरी होगी। सरकार ने दोनों पर एक रुपये की एक्ससाइज ड्यूटी में बढ़ोतरी की है, जिसके बाद पेट्रोल और डीजल एक रुपये महंगे हो जाएंगे। साथ ही सरकार ने सोने के इंपोर्ट पर ड्यूटी 10 प्रतिशत से बढ़ाकर 12.5 प्रतिशत किया है।

### इनकी बढ़ी कीमतें:

बजट में पेट्रोल, डीजल और सोने के साथ आयातित किताबों पर पांच प्रतिशत का शुल्क बढ़ाया है। इसके अलावा ऑटो पार्ट्स, रबर, पीवीसी और टाइल्स की कीमतों में बढ़ोतरी होगी। साथ ही, तंबाकू उत्पादों पर शुल्क बढ़ाया गया है, जिसके बाद उनकी कीमतों में भी बढ़ोतरी होगी। साथ ही, सोने के अलावा चांदी और चांदी के आभूषणों पर भी लोगों को ज्यादा जेब ढीली करनी पड़ेगी। वहीं बजट 2019 में ऑप्टिकल फाइबर,

स्टेनलेस उत्पाद, मूल धातु के फिटिंग्स, फ्रेम और सामान, एयर कंडीशनर, लाउडस्पीकर, वीडियो रिकॉर्डर, सीसीटीवी कैमरा, वाहन के हॉर्न आदि की कीमतों में बढ़ोतरी की गई है।

### ये हुए सस्ते:

इलेक्ट्रिक कारों को बढ़ावा देने के लिए सरकार ने इलेक्ट्रिक कारों की खरीद पर जीएसटी की दरों को 12% से घटाकर 5% कर दिया है। साथ ही इलेक्ट्रिक कारों को खरीदने में लिये गए लोन के ब्याज पर

इनकम टैक्स में 1.5 लाख रुपये तक की छूट मिलेगी। बजट में होम लोन भी सस्ते होंगे। सरकार 45 लाख तक के घर पर साढ़े तीन लाख रुपये की छूट देगी।

इसके अतिरिक्त साबुन, शैंपू, हेयर ऑयल, टूथपेस्ट, डिटरजेंट वाशिंग पाउडर, पंखे, लैम्प, यात्री बैग, सेनितरी वेयर, **बोतल, कंटेनर**, रसोई के बर्तन, चश्मों के फ्रेम, बांस का फर्नीचर, पास्ता मियोनीज, नमकीन, सूखा नारियल की कीमतों में कटौती की गई है, जिसके बाद इन्हें खरीदना और सस्ता हो जाएगा।

### बजट २०१९: कहां मिली राहत और कहां बढ़ा बोझ

सस्ता	महंगा
डिफेंस इक्विपमेंट्स	मार्बल
इलेक्ट्रिक वाहनों और उनके पार्ट्स	वीडियो रिकॉर्डर
धूपबत्ती, चश्मों के फ्रेम, <b>बोतल कंटेनर</b>	ऑटो पार्ट्स
होम लोन	सीसीटीवी कैमरा
साबुन, शैंपू और हेयर ऑयल	मेटल फिटिंग
टूथपेस्ट और वाशिंग पाउडर	आयातित किताबें
ब्रीफकेस, यात्री बैग	सोना, चांदी के आभूषण
बर्तन, पास्ता, मियोनीज, नमकीन, सूखा नारियल	टाइल्स
ऊन और ऊनी धागे	पेट्रोल-डीजल



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**STORE WATER IN GLASS BOTTLES TO KEEP IT FREE FROM TOXINS, CLEANER AND SAFE FOR DRINKING**

Some health experts believe that one should consume water stored in clay pots, while some believe storing it in glass bottles is also a healthy way to go.

Glass bottles are preferred over other packaging medium and considered healthier as they are free from contaminants.

Glass bottles contain no chemicals,

and also do not absorb the taste or odour of any fruit or beverage stored in them.

Considering climate change and its effects on millions of people worldwide, even a small change in lifestyle that is environmentally friendly can go a long way. Glass can be easily recycled by keeping the

environment and our bodies healthier.

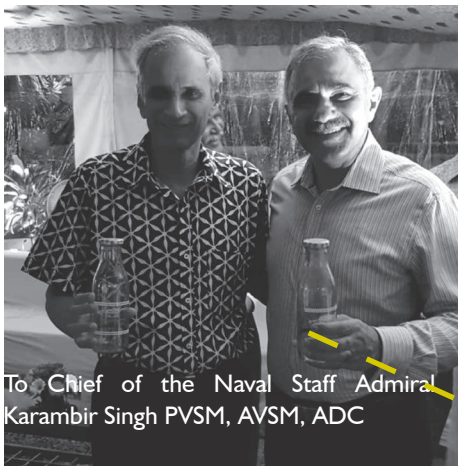
Glass bottles stay cleaner and also are easy to clean. They are also easy to sterilize without the fear of them melting or degrading.

Once you clean and store water in glass bottles in the fridge, they keep the water clean and safe, and you can enjoy fresh, filter clean water without the risk of toxins, chemicals, etc.

**SWATCH BHARAT ABHIYAAN: PRESENTATION OF ECO-FRIENDLY GLASS BOTTLES**

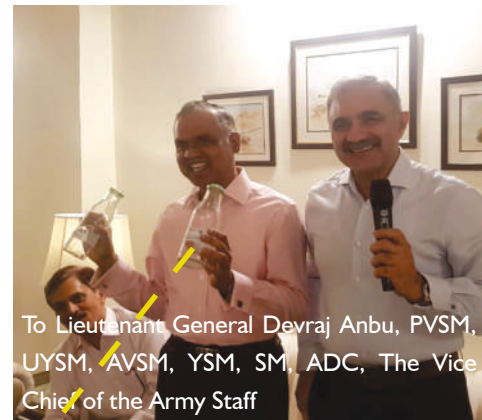
The All India Glass Manufacturers Federation (AIGMF) gifted glass bottles carrying logo of ‘Swachh Bharat Abhiyaan’ as part of its ongoing commitment for clean India campaign.

Col. Arun Bahl (Retd.) of Ceracon Engineers, an Affiliate Member and part of the Government Coordination Committee along with Secretary AIGMF gave glass bottles to select government establishments.



To Chief of the Naval Staff Admiral Karambir Singh PVSM, AVSM, ADC

A glass bottle (specially manufactured by Hindustan National Glass and Industries Ltd.) with



To Lieutenant General Devraj Anbu, PVSM, UYSM, AVSM, YSM, SM, ADC, The Vice Chief of the Army Staff



To Lieutenant General S K Jha, PVSM, YSM, SM, Commandant Indian Military Academy, Dehradun

World Environment Day and Swachh Bharat Abhiyaan (Clean India campaign) logos was launched by AIGMF on May 26, 2018 enabling people demand responsible and safe packaging.



To Mr. Harinder S Sikka, Group Director, Piramal Enterprises Ltd. Author of book "Calling Sehmat" on which movie Raazi is based. Producer of movie "Nanak Shah Fakir" winner of three National Awards

### AIGMF AT CHINA GLASS 2019

The 30<sup>th</sup> China International Glass Industrial Technical Exhibition was held at New China International



Exhibition Center (NCIEC), China from May 22-25, 2019.

China Glass 2019 attracted 34,329 visitors from 66 countries during the four days event, including 30,279 domestic visitors and 4,050 foreign visitors.

The event had 6 theme exhibition areas including international area, flat glass and glass products, integrated manufacturer, processing equipment, Raw and auxiliary materials and



refractory materials, accessories and glass hardwares. Many exhibitors displayed innovative glass products, processing equipment and cutting-edge intelligent manufacturing technology. The exhibits related to intelligent manufacturing, green manufacturing and other new technologies, new products and equipment in the field of building energy conservation has become a hot spot for many visitors. Many manufacturers and

research institutions released their latest products during the event. China Building Materials Academy displayed the core material of bio-

optical identification chip used in fingerprint identification of smartphone.

China Glass Expo is one of the largest glass-fairs of Asia and is one of the most important international trade fairs for glass production and processing. It was founded in 1986 and is aimed both at professionals as well as to public audiences.

China Glass Expo is held once a

year in spring alternately at the sites of Beijing and Shanghai. Main organizer of the China Glass Expo is the Chinese Ceramic Society, founded in 1945 (CCS), which has its registered office in the Chinese capital.

China Glass Expo is the only glass exhibition, which is sponsored by the Government of the People's Republic of China and of Chinese trade organizations. Newest technologies, machinery and glass products in the

fields of architectural, industrial glass and glass products for photovoltaic systems were exhibited. The companies that represented at the Expo comprised of large enterprises, small and medium-sized companies.

Select members of The All India Glass Manufacturers Federation (AIGMF) participated at the 30<sup>th</sup> anniversary event mainly to study latest technology know how for the overall development of Indian Glass Industry in line with 'Make in India' vision of the Government of India.



Sixteen seminars and product promotion meetings were held during the exhibition. The topics covered intelligent manufacturing in glass industry, environmental protection technology in glass production, energy-saving of furnace, application technology of coating, various innovative technologies and applications in glass processing, new products and technologies in glass printing, etc. According to the statistics of the on-site staff, the seminars attracted nearly 1,000 visitors to be present and the number of technical seminars and audience reached a new high.

China Glass 2020 will take stage at Shanghai New International Expo Centre on April 14-17, 2020, its booth sales work will start in the upcoming July ■

(News Source: AIGMF Research Team/World Wide Web)





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# July - September 2019 - Special Issue

will carry exclusive interviews with figureheads from: AGI glaspac, Asahi India, SGD Pharma, Saint-Gobain India AND detailed coverage of 2<sup>nd</sup> AIGMF Glass Awards, 2<sup>nd</sup> AIGMF Drawing Competition on 'Adopt A Glass Bottle', Annual General & Ex Com Meetings, Glass News, other supported Events and more.

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