
Newsletter

April, 2016



**Jianguo Xu, President of Global Print;
Chairman, PEIAC, China**

Dear Colleagues,

Drupa 2016 is at the corner. During Drupa 2016, Global Print meeting will be held at Room 7b, 1st floor, CCD Süd (exhibition Grounds) at 15:30 on 3rd June, 2016. And my duty as President of Global Print will be completed by the meeting. The responsibility will be transferred to new President. I would like to take this opportunity to express my deep gratitude to colleagues in Global Print. Thanks for your warm and constant assistance to the work of Global Print in the past two years.

The development of Chinese printing industry slowed down. The industry is facing transformation and upgrading. In 2016, PEIAC has started an extensive research in printing industry in China. We organize visiting to various kinds of enterprises in printing industry and try to find out the experiences, problems, explorations and enlightenment to the future.

Looking forward to seeing you in Drupa 2016!

With best regards,

Jianguo Xu
President of Global Print



CHINA

News form PEIAC

CHINA PRINT 2017 Press Conference in drupa will be held at Room 06, CCD South at 16:00 on 3rd June 2016

CHINA PRINT 2017 (aka. The 9th Beijing International Printing Technology Exhibition), jointly held by Printing and Printing Equipment Industries Association of China (hereinafter PEIAC) and China International Exhibition Corporation (hereinafter CIEC), will be open from the 9th to the 13th of May, 2017 at NCIEC, Beijing. 160,000 square metres will be fully occupied by CHINA PRINT 2017 as its exhibition area with more than 1,300 exhibitors and estimated 200,000 visitors. Up to the end of February in 2016, more than 200 enterprises successfully registered as the exhibitor and applied for their stands; hence more than a half of the total exhibiting area occupied.

The 18th Beijing International Printing Information Exchange Conference (InfoPrint) Was Held Successfully

Sponsored by Printing and Printing Equipment Industries Association of China (PEIAC) and organized by *Print China* publishing company Ltd., the 18th Beijing international printing information exchange conference was successfully held at China People's Palace on November 20th, 2015. A total of more than 500 people attended this conference. Started in 1997, Beijing international printing information exchange conference has been classic brand for industry's information exchange and release in China.

Lable China 2016 Expecting Your Presence at Shanghai on 19th May 2016

Co-organized by Printing and Printing Equipment Industries Association of China (PEIAC) and China Academy of Printing Technology, China International Exhibition for Label Technology (Label China 2016) will be held from 19-21 May 2016 at Shanghai World EXPO Exhibition and Convention Center. Well-known brands will show at Lable China 2016, like Weigang, Fuzhou Adhesive, King Label, LINTEC, Yupo, Label Source, Avery Dennison, Hp, DIC, POLYONICS, etc.



GERMANY

•News from VDMA

Packaging printing: A highlight, not only at drupa 2016

For the manufacturers of printing and paper technology, the packaging market has potential for growth. In spite of the digital technology, analogue processes stay on a growth course; as it is, they are still playing in a different league.

Half of the world`s population live in urban areas. According to forecasts of the United Nations, the number of urban dwellers who need to be provided with food and all other daily consumer goods will swell to 5 billion by 2030. A huge challenge which can only be managed with the proper logistics. Packaging plays a vital part in it.

The packaging market: Strong global growth to 2018

In this connection, market forecasts expect a clear sales increase in the global packaging market. With annual rates of 4 percent, the sales volume will rise to **975** billion US Dollar by 2018, predicts the market research company Smithers Pira. This is equivalent to approx. **865** billion Euro.

The most important drivers are the growing middle classes in the BRIC countries. Technical improvements, decreasing cost as well as the demand for sustainable, recyclable packaging are additional drivers of the market. Asia with its six-percent growth rates is offering the best prospects. By 2018, the Asian packaging market is expected to account for 40 percent of the world market.

For the manufacturers of printing and paper technology, the development of this market is offering the chance to compensate declining business in the graphic sector. According to Smithers Pira, the share of packaging and label printing in total sales will have risen significantly by 2018, and will then, amounting to 530 billion US Dollar (~ 472 billion €), account for half of the total print market. Even if the digital printing processes grow strongly with rates far above the average – the analysts project annual growth rates of 13.4 percent until the end of this decade –, the traditional methods in the packaging sector will remain the guarantors of sales. Smithers Pira estimates the current sales volume of digital packaging printing at 10.5 billion US Dollar (equivalent to approx. 935 billion €), which corresponds to a market share of slightly less than 2.5 percent in the world market for packaging printing.

Packaging printing: A highlight at drupa 2016 – and beyond

Due to the growing importance alone, packaging printing is predestined for being a highlight at drupa 2016, the worldwide leading exhibition for graphic and industrial printing. Nevertheless, the technological developments in connection with the enhancement of printed packages, the better and better integration of printing technology into the process chains of the packaging industry as well as the dynamic growth area of digital printing are worth a closer look too. A good opportunity to do that is provided, inter alia, by the touchpoint for packaging, the presentation programme in the drupa cube as well as the drupa innovation park – and, of course, the booths of the exhibitors.

Even beyond drupa 2016, packaging printing will remain one of the leading subjects for the German manufacturers of printing and paper technology. The Printing and Paper Technology Association, for instance, is actively involved in the Packaging Forum of the VDMA in order to intensify the exchange

of experience among the manufacturers of packaging machines, in order to coordinate international exhibition activities and to initiate joint research projects. It is all about grasping the chances – and shaping the growth in the packaging market with advanced technology on a long-term basis.

Background

Nowadays, some 1.3 billion tons of food perish every year due to the lack of adequate packaging in the supply chain from the field to the consumer. Depending on the region, 20 to 40 percent of all available food ends up as waste. Packaging is the key that can end this wastage. Packaging preserves food and beverages for a longer time, prevents damage during transportation and can even show the consumer by means of smart films printed with functional layers whether or not it is safe to consume meat, fish, cheese or fruit even after the best-before date. Packaging also plays a key role in actions against hunger and diseases caused by insufficient foodstuff hygiene.

Wherever societies continue to develop, the effects in the packaging market can be felt very soon. In the industrial countries, the increasingly aged population and single-person households create a demand for smaller packages. Growing middle classes in Asia, East Europe and South America fuel the trade with packed consumer goods. Where the competitive pressure increases, packages are the means of choice to stand out. Noble appearance, reusability, the use of sustainable raw materials can create added value, but also smart packages which make counterfeiting more difficult by means of printed holograms, monitor the cooling chain by means of printed electronics or make it possible to apply GPS tracking during the transportation of valuable goods.

Mechanical Engineers and Machine Manufacturers Eagerly Awaiting drupa 2016

Starting on May 31st till June 10th, 2016, Düsseldorf will be the printing world's center. With its motto "Touch the Future," drupa 2016, the world's leading fair for print and crossmedia solutions, sets mechanical engineering up for it. Through its increasingly cross-linked process chains, printing and paper technology opens the door to the printing industry's future. Even today, it is the vanguard of Industry 4.0 – or in this case, PRINT 4.0.

The drupa 2016 will offer its visitors a peak into the future of the printing and media sector. The globally leading fair truly furnishes exhibitors of printing technology a fit occasion with its motto "Touch the Future": they will use those eleven days from May 31st to June 10th to present visitors with new possibilities of cross-linked process chains.

"Our mechanical engineers and machine manufacturers are at the vanguard of Industry 4.0. We ourselves speak of PRINT 4.0," explains Dr. Markus Heering, managing director of the Printing and Paper Association within VDMA. Intelligently cross-linked machines and systems allow for continuous digital workflows, from the pre-product to the end-product. He says that this crosslinking enables

- individualization and personalization of print products
- variable use of different digital and analog information channels within multi-channel publishing
- a finishing of high-value packaging which would make a difference at the point of sale

- a rapidly growing variety of solutions in industrial and functional printing, where press engineering is currently opening up new growth potentials,
- and last but not least, 3D printing, in which digital process chains are conquering the third dimension

Presentation of Sample Process Chains

This cross-linked PRINT 4.0 process world can be experienced at drupa 2016. You will encounter it in six highlight topics as in the “drupa innovation park,” in the program of the “drupa cube,” and particularly in the exhibitors’ booths. “In cooperation with our member companies, we will present sample process chains,” announces Heering. In addition, the Additive Manufacturing Association within VDMA will also offer information on technological possibilities and developments within 3D printing. Amongst other things, the Association will contribute to the “touchpoint 3D fab + print” in hall 7A. By now, more than 70 protagonists of machine manufacturing and additive manufacturing as well as industrial users and research institutes have joined the Association.

Crosslinking Increases Productivity

PRINT 4.0 helps modern printers to minimize down time and to increase their machines’ degree of capacity utilization. Quality control accompanies the process directly along the line of sophisticated sensor systems. By now, process network allows for automation even in small batches. While this is still at its very beginning in other sectors, it has become standard practice in the print and media world. Necessary standardization has made good progress – and among other things, this is being furthered under the VDMA umbrella through a digital interface which is manufacturer-independent. This will allow for a seamless process and data chain from preproduction to the finished product.

Digitalization is key to individual print products in small batches. In the future, however, analog technologies will remain the preferred method whenever high-quality, cost-efficient prints in high circulation are needed. “Despite all new developments in digital printing, analog printing remains our sector’s sales guarantee,” emphasizes Heering.

The new growth drivers: package printing and industrial printing

Direct print on flasks and bottles made of glass, on plastic foils, metals, laminates, fittings, and a large variety of substrates is the order of the day. Worldwide, every second tile produced today receives a print with inkjet technologies. The appertaining machines process about one ton of ink each week. Digital technologies are also gaining popularity in large-size textile printing. Machines with hundreds of print heads manage individual patterns and colors with the highest precision. The inkjet market is growing annually by 10 to 15%. In particular, demand for water-soluble and UV curable inks is growing rapidly.

Unpackaged foods spoil quickly. According to estimations, 1.3 billion tons annually go to waste all around the world because they spoil on their way from the field to consumers. Depending on the region, up to 40% of foods at disposal spoil due to a lack of adequate packaging. Thus, preservation in foil-coated cardboard, in plastic foils, cans, or even bottles can be a great contribution towards fighting hunger and preventing illnesses owing to a lack of hygiene.

Yet, packaging is also a communication interface informing clients and patients – and thanks to printed QR codes, it is growingly multimedia-based. Informative, high-end packaging contributes much toward a product experience. Its design shapes a brand’s image. It is not uncommon for packaging to deliver a buyer’s vital incentive at the point of sale. Printing technology is the key. The drupa 2016 will have a special focus on the growing market of packaging.

Mechanical engineers looking forward to drupa 2016

“Today, our mechanical engineers and machine manufacturers are developing solutions for print products that will still be exciting in the future. The drupa 2016 will prove this in an impressive manner,” announces Heering. Anticipation is rising every day when the world’s most important fair for the sector is coming closer.

The printing and paper technology manufacturing industry begins the drupa year 2016 backed by tailwind

- **Strong order intake and stable sales volumes in 2015**
- **Converting registers high order and sales increases**
- **“drupa World Tour” arouses global interest in leading trade fair**

The German printing and paper technology manufacturing industry begins the drupa year 2016 with well-filled order books. Compared with the previous year, the volume of incoming orders for printing and paper technology increased by 10 percent. The manufacturers of printing machines report a 9 percent order increase. For converting machines, the order intake in 2015 was up 21 percent on the year 2014, for which already a 29 percent order growth had been registered.

“The fact that the demand is rising so strongly in the run-up to our most important trade fair is a positive signal for our member companies,” states Dr. Markus Heering, Managing Director of the VDMA Printing and Paper Technology Association, with a view to drupa 2016, which will take place in Duesseldorf from 31 May to 10 June. He reports that in more than 40 events of the “drupa World Tour” on all five continents he got the impression the “fever curve” is rising worldwide. “The curiosity as regards the new drupa concept was just as tangible as the interest in the technological advancement of our industry towards Print 4.0”, says Heering. The German printing and paper technology manufacturing industry has convincing solutions –for digitalisation, the growing packaging market and industrial print production.

Sales in 2015 with highs and lows – but overall stable

Thanks to their traditionally strong foreign business, the German printing and paper technology manufacturers could slightly increase their sales on the previous year (+ 1%), even although there was another strong sales decline of 13 percent in the home market and the slowdown in the Chinese economy fully affected the demand for printing and paper technology. According to the figures available to date, exports to the People`s Republic of China declined by nearly one tenth in the course of the first eight months, whereas the EU countries grew by 22 percent in comparison with the previous year. “Behind the EU, China is still the second-largest sales market for the

German printing and paper technology manufacturers,” explains Heering, “closely followed by the USA that catch up more and more with a 5.5 percent growth.”

In the converting machinery sector, the domestic sales grew by 13 percent and foreign sales by 9 percent. The manufacturers of printing technology, on the other hand, again had to cope with total sales losses of 6 percent. In the domestic market, sales even declined by 24 percent. “This development had become apparent in advance due to the weak order intake in 2014. The fact that we now have an 18 percent order increase for printing technology from EU countries and see an order increase by nearly one-tenth gives hope for a better year 2016,” says Heering.

The digitalisation continues

With its motto “Touch the Future”, the drupa takes up future-oriented topics. At present, the trends go towards shorter print runs, individualization and the enhancement of print products – which require intelligent, interlinked machines that smoothly fit into the increasingly digital workflows of the users. “Our member companies will use the drupa in order to give insights into this Print 4.0 process world,” Heering announces. The engineering industry is an enabler of individual, inspirational print products – be it in graphic arts printing, through the enhancement of packaging products or by printing on fittings, textiles, tiles, laminate flooring and many other applications in the industrial sector.

Within the VDMA, the manufacturers of printing and paper technology lay the basis for tomorrow`s flexible and automated print production. The aim is to help the customer industry to achieve increased productivity by means of intelligent automation with suitable process and data chains ranging from prepress to the end product – supplied by any manufacturer and across all sectors. Therefore, approximately 15 member companies of the VDMA Printing and Paper Technology Association have joined the “Process Chain” Working Group which, inter alia, works on open standardized interfaces.

“Backed by the tailwind of the good business development in 2015, the German printing and paper technology manufacturing industry starts the drupa year with self-confidence,” states Heering. During the “drupa World Tour” in the last five months he got the impression that the technological transformation towards Print 4.0 and the respective solutions of the machinery manufacturing industry are eagerly awaited. He is convinced: “Today, we are developing solutions with which print products will continue to arouse enthusiasm all around the globe in future as well.”

Welcome on our booth 7A / B12



May 31 – June 10, 2016
Düsseldorf/Germany
www.drupa.com

drupa

no. 1 for print and
crossmedia solutions



JAPAN

News from JPMA

【Japanese Economy and the Print Market in Japan】

In 2015, the Japanese economy had started to get back on the growth track backed by effects of “Abenomics” and the strong US economy, and with increase in corporate earnings brought by the continued trend of Yen depreciation in the foreign exchange market. However, in February 2016, the trend reversed with Yen appreciating against the US Dollar reaching to the strongest level since November 2014. In addition to the strong Yen, with sluggish personal consumption and tension in the international situations, uncertainty over the future cannot be denied.

Although signs of mild recovery is seen in the printing industry, business environment in total remains severe confronted by multiple chronic issues such as diversification of media and shrinking of the market caused by decreasing birthrate and aging population.

According to the Government’s Industrial Statistics, the total market volume of the printing industry in 2014 was JPY5,389.8 billion (0.6% decrease from the previous year).

According to the Government’s Indices of All Industry Activities, following is the breakdown of production in the printing industry for 2014 by types of product; publication printing was JPY75 billion (14.7% decrease from the previous year), commercial printing was JPY136.6 billion (7.4% increase from the previous year), securities printing was JPY 5.7 billion (7.5% increase from the previous year), business printing was JPY56.4 billion (11% increase from the previous year), and package printing was JPY78.2 billion (2.6% decrease from the previous year).

【The Printing Machinery Market in Japan】

In the printing machinery industry, revitalization of the market can be expected with increase of capital investment backed by various policies introduced by the government such as capital investment tax reduction and subsidy system for energy saving equipment and facility installation.

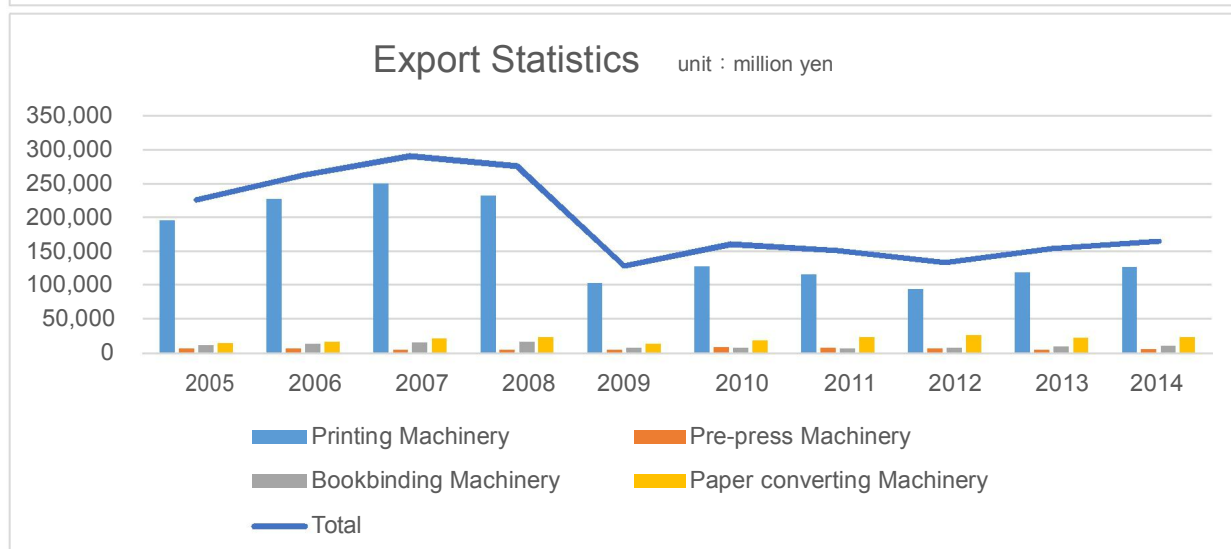
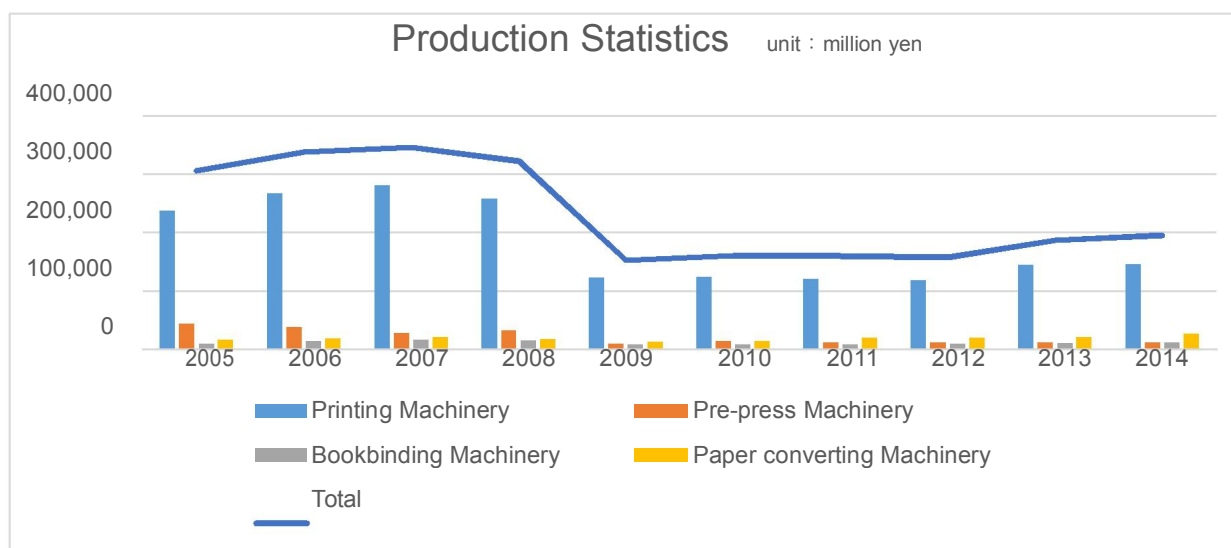
Total production of printing machineries in 2014 was JPY195.4 billion (increase of 4.3% from the previous year) according to the Current Production Statistics on Machinery announced by the Ministry of Economy, Trade and Industry.

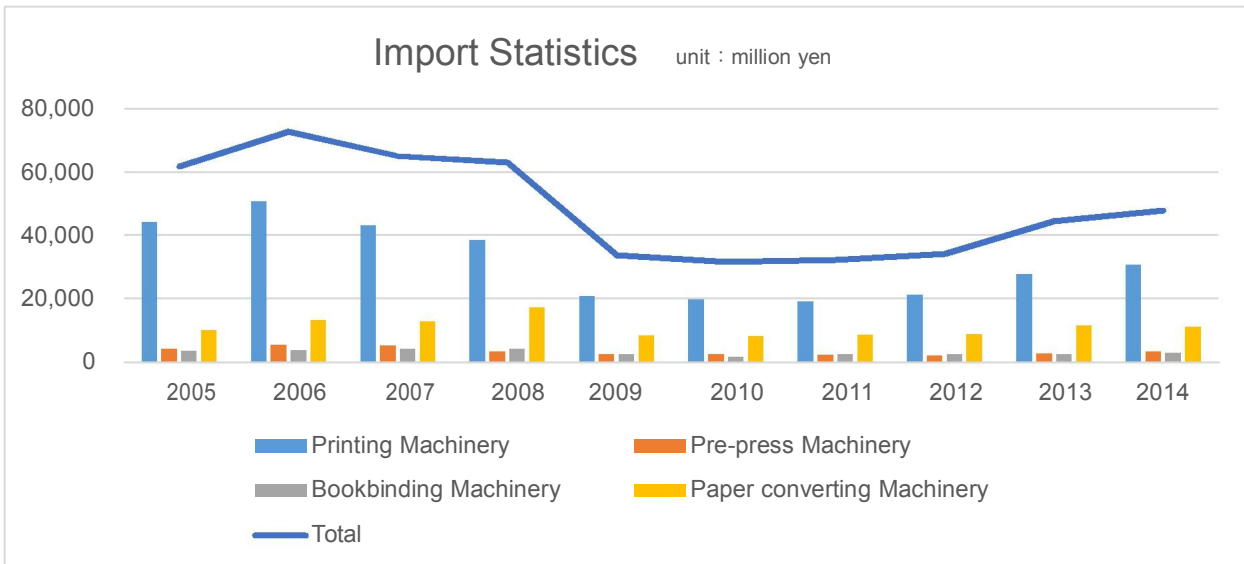
Breakdown by types of machineries were: printing machineries JPY 145.9 billion, pre-press machineries JPY11.8 billion, bookbinding machineries JPY11.3 billion, and paper converting machineries JPY26.3 billion.

According to the Trade Statistics of Japan announced by the Ministry of Finance, the total exported amount of printing machinery was JPY 164.9 billion and total imported amount was

JPY47.9 billion.

	2014	TOTAL	Printing Machinery	Pre-press Machinery	Bookbinding Machinery	Paper converting Machinery
Production	Million Yen	195,359	145,876	11,806	11,328	26,349
	versus 2013	104.3%	100.5%	103.5%	113.0%	126.9%
Export	Million Yen	164,900	126,434	5,054	9,962	23,450
	versus 2013	107.2%	106.6%	113.4%	110.3%	107.5%
Import	Million Yen	47,905	30,698	3,315	2,761	11,132
	versus 2013	107.8%	110.1%	127.6%	113.7%	96.5%

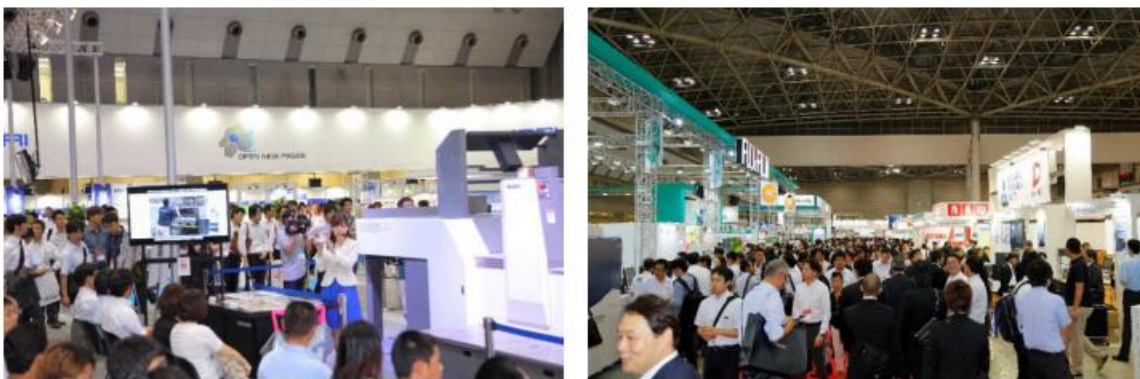




【IGAS2018】

The exhibition cycle of IGAS is changed from every 4 years to every 3 years (JGAS is terminated), and the next IGAS is scheduled to be held during summer of 2018. We shall further enhance the event planning for IGAS2018 and target to create an exhibition beyond a conventional exhibition on print machinery. IGAS2018 will be an exhibition show-casing cutting-edge technologies and providing opportunity for business communication by gathering leading players from all around the world. With the 2020 Tokyo Olympic and Paralympic Games only a few years ahead, we envision 2018 to be a promising year when further revitalization of the Japanese economy and printing related industry in Japan can be expected. Great business opportunities can be expected also for the Global Print members. The application period for exhibit is scheduled to start in October 2016. Details of the exhibition will be informed as soon as they are finalized.

Exhibition Dates: Summer 2018 (TBD)
 Venue: Tokyo Big Sight (TBD)
 Application Start Date: October 2016 (TBD)



Scenes from IGAS 2015



GREAT BRITAIN

News from PICON



PICON GLOBALPRINT REPORT – March 2016

Bettine Pellant, CEO, Picon UK

EU REFERENDUM FILLS THE HORIZON

Looking back over recent reports from Picon, most have begun with a reference to one uncertainty or another impacting on business prospects. At the end of 2014 it was the referendum on Scottish independence. At the beginning of last year it was the General Election. And for the first half of 2016, and maybe beyond, it is the enormous question — to paraphrase William Shakespeare — ‘To EU or not to EU?’.

The UK must answer the question in June, and at the time of writing (March) the result looks like being a close one. Recent opinion polls give encouragement to those on both sides of the debate. At the end of February a “poll of polls”, which took the average of six recent polls, reported a 55% to 45% vote in favour of remaining in the EU, although the poll excluded undecided voters. In another poll, 44% favoured staying in and 41% leaving, with the remainder undecided.

Until recently a feature of the debate has been the degree to which voters feel uninformed about the issues. For example, when the Federation of Small Businesses (FSB) polled its members they found that 47% favoured staying in the EU, 40.9% wanted to leave, and 10.7% were undecided. However, the FSB also found that only 40.8% felt they were ‘informed’ about the referendum from a business point of view, and only one in five felt ‘very well’ informed. A ‘consistent theme,’ says the FSB, was a strong desire for ‘clear unbiased information’.

Now that the deal is known and the date set, it is likely this will change as the competing campaigns swing into action and the different arguments fill the media,

printed and online. At the last count, a Google search of the phrase “pros and cons of the UK leaving the EU” produced 366,000 results. The country has a lot to think about....

UK ECONOMY — OVERVIEW

The most recent data — for Q4 in 2015 — shows that the economy grew by 0.5%. For 2015 as a whole, growth is expected to be confirmed at 2.2%. While this is the slowest annual rate since 2012, it means that the UK economy remains one of the fastest-growing. Furthermore, Q4 was the 12th consecutive quarter of growth.

However, the economy continues to be unbalanced in favour of the services sector, which grew by 0.7% in Q4. In contrast, production output contracted by 0.5% in the quarter, while the trade gap in manufactured goods between the UK and the rest of the world widened to a record high of £125 billion in 2015. For much of 2015 the strength of sterling contributed to the difficulties for exporters, but the fundamental problem facing the government is how to rebalance the economy away from its continued over-reliance on consumer consumption and towards manufacturing. Five years on, we are still waiting to see the “march of the makers” promised by the government in 2011.....

Among other notable economic indicators, unemployment is at a 10-year low of 5.1% and inflation stands at 0.3%, well below the Bank of England’s target of 2%.

It is always debatable how much these past and present statistics help us predict future developments, and in January the Chancellor of the Exchequer sounded a note of caution by describing the “dangerous cocktail” of risks the UK economy faces in 2016. These include slowing global economic growth, volatile stock markets and falling oil prices. He did not specifically mention the referendum on EU membership that will take place in June, but in the coming three months the uncertainty about the result is sure to have a negative impact on the economy.

UK PRINTING INDUSTRY

Whatever uncertainties lie ahead, a majority of UK printers ended 2015 in a confident mood, according to the latest Printing Outlook survey from the British Printing Industries Federation. On the back of a better-than-expected seasonal (ie, pre-Christmas) boost, output levels in Q4 increased by 56% and fell by just 15%, producing a positive balance of +41, well above the balance for the Q4 of 2014. The predicted balance of +33 for Q1 is likewise a major improvement on that predicted a year ago.

The survey found renewed confidence in the general state of trade in the industry. The balance between those for whom the general state of trade improved and those who reported a deterioration was +25, significantly above the negative balance of -2 for Q3. Given this confidence, plus the fact that this is a drupa year, an increased number of printers are planning capital investments during 2016.

There was no change in the things that UK printers are most concerned about — competitors pricing below cost and access to skilled labour.



News from SWISSMEM

Business Conditions of the Swiss Graphic Machinery Industry

Black year for MEM industries

In 2015 a further massive overvaluation of the Swiss franc led to a considerable decline in new orders received (-14%) and sales (-7%) for the Swiss mechanical and electrical engineering industries (MEM industries). Even more affected was the deterioration in margins, which plunged many businesses into difficulties. Companies were therefore compelled to act quickly after the scrapping of the euro peg. This triggered an accelerated structural transformation that will continue to leave its mark in 2016. However, if exchange rates and business trends do not worsen any further, a recovery in the MEM industries is likely in the medium term.

Exports down across the sub-industries

Exports fell sharply for almost all MEM product groups in 2015. The biggest decline was in goods exports in the mechanical engineering segment (-7.2%), followed by the electrical engineering/electronics product group (-6.2%) and metals (-5.5%).

In 2015, the graphic machinery industry exported to nearly 100 countries. The overall export value declined by 4.4 percent to 1.1BCHF compared to last year. Despite of the disappointing export results, the graphic machinery industry was better off than the mechanical engineering segment as a whole.

Deliveries of goods to Germany, the far largest market for the Swiss Graphic Machinery manufacturers, grew by over 9% from 248MCHF to 270MCHF. Further, UK (+49%), Spain (+36%), The Netherlands (+11%), Mexico, Australia and the Czech Republic contributed greatly to the top-line, too.

The manufacturers of parts for book binding machineries were performing well in 2015. They report a consolidated growth of 10.4%. On the other hand the printing machines exports decline by 7.7% compared to the previous year.

Surprisingly, in the MEM-Industry overall, goods exported to the US rose appreciably last year (+4.9%). But, the industry segment "Graphic machinery industry" announces a negative result to the same market of -12.8%. This had a heavy and disappointing impact. Also, France (-27%), Italy (-5%), Poland (-16%), Russia and Sweden didn't contribute to success. India, Brazil and Indonesia fall behind the top

20 export destinations of Switzerland in the segment.

How things will develop depends heavily on the exchange rates and business trends in the key markets. As long as these parameters do not deteriorate further, Swissmem expects that the low point could be reached sometime this year and a recovery appears possible in the medium term.

Prospects remain intact

In addition to innovation and efficiency gains, industry digitization is also presenting good opportunities for the Swiss MEM industries. Swiss industry is essentially well placed to assume a position of leadership in these far-reaching technological and social developments. The digitization of the entire value chain promises significant productivity gains, creates the foundation for innovative products and services, and makes it possible to implement new business models. This is true of both large companies and SMEs. Not only businesses, but also state education and research in universities and universities of applied science and state promotion of innovation need to concentrate on this.

The Swiss government can also contribute to positive development. What is needed is to retain the bilateral agreements, to conclude new free trade agreements, to exercise absolute restraint in terms of intervention in the liberal job market and, not least, to halt any new financial burdens and regulations.

Raoul Keller

Secretary General

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Swissmem

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Swissmem unites the Swiss electrical and mechanical engineering industries and associated technology-oriented sectors



USA

News from NPES

For More Information

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The Standard of Excellence

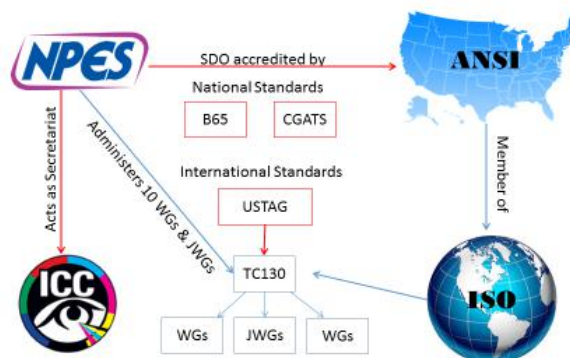
Connecting, Cultivating, and Refining the World of Print

Print is visual, tactile, and impactful. But in the world of printing, publishing and converting is all print created the same—safely, efficiently and consistently—in every country? Enter the role of print industry standards.

NPES-The Association for Suppliers of Printing, Publishing and Converting Technologies provides a leadership, and participatory, role to top organizations that develop national and international standards for the printing industry. These print industry standards provide uniform, defined procedures and tools that help users safely produce quality products for their customers faster, more efficiently, and more cost-effectively. These include:

- **safety standards** for printing, publishing and converting equipment, and
- **technical standards** for data exchange, process control, color, metrology, post-press, etc.

NPES Relationship with Industry Standards Development Organizations



Standards Development Organizations: Acronyms

- **ISO** – International Organization for Standardization
- **TC130** – Technical Committee 130 (graphic technology)
- **WG / JWG** – Working Group / Joint Working Group
- **ANSI** – American National Standards Institute
- **SDO** – Standards Developing Organization
- **USTAG** – U.S. Technical Advisory Group
- **B65** – ANSI accredited committee to develop safety standards
- **CGATS** – ANSI accredited Committee for Graphic Arts Technology Standards
- **ICC** – International Color Consortium



As Secretariat for the International Color Consortium (ICC), NPES is pleased to share news of the ICC Lab's latest work, the production of iccMAX, a new color management system developed primarily by members of its Architecture Working Group.

ICC color management meets the goal of creating, promoting and encouraging the standardization of an open, vendor-neutral, cross-platform color management system architecture and components. While the current architecture works well in many areas, new potential applications are emerging and it is believed that tomorrow's color communication will require a more flexible and extensible system. The new specification, iccMAX, will address many of these new requirements and enable new ways of openly communicating about light, color and appearance.

To explore the implications from the next wave of ICC Color Management, and other innovations that will impact the future of print, NPES, together with the International Color Consortium (ICC) and BMAPA hosted the **2016 Print Business Outlook Conference, "Creating Future Print Through Technology and Innovation,"** on March 15, 2016 at the Westin Mumbai Garden City, in Mumbai, India. The conference explored the rapidly changing technological landscape, and how to harness the advantages of digital printing and manufacturing in a changing industry.

Related to the latest trends in color management, NPES, together with the International Color Consortium (ICC) will also present the **NPES-ICC Color Management Conference 2016, "Making a Future with Color Management,"** on March 17, 2016, at the PoliMedia in Jakarta, Indonesia. The conference will feature presentations and discussions with renowned industry experts on the latest trends in ICC color management and related applications. For more information, visit: www.npes.org/ICColorMgmt.

For more NPES news and updates on print industry standards, visit: www.npes.org/programs/standardsworkroom.aspx.



NEWS FROM ACIMGA

PRINT4ALL

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Print4All to debut in Milan in June 2018

The great new event for the world of printing

The great event scheduled two years from now at Fiera Milano will feature the debut of Print4All, the latest addition to the exhibitions catering to the printing world held from May 29 to June 1 2018 together with Ipack Ima, Plast, Meat Tech and Intralogistica Italia. Print4All is the result of the collaboration between associations ACIMGA (Italian Manufacturers' Association of Machinery for the Graphic, Converting and Paper Industry) and Argi (the Graphic Industry Suppliers Association), and combines three long-standing brands showcasing specific industrial production chains with strong synergies between the respective target markets: Converflex, Grafitalia and Inprinting.

Print4All caters to the needs of a printing industry that is increasingly market-oriented and is developing cutting-edge services for the business communities of the target markets, against a background of growing cooperation among manufacturers of flexo and roto technology, the world of offset and digital printing as well as serigraphy, pad printing and industrial inkjet printing. The event will have a unique format unparalleled in the world and will showcase the industries of printing, printed communication, paper, converting and industrial and digital printing.

Print4All exhibitors will have the chance to present technology applicable across all of the production chains involved in the exhibition project. Visitors will get a comprehensive overview, in a single show, of the technological solutions available in all segments of the industrial supply chain, with strong synergies in terms of market information, technological innovation and best practices in every sector.

“Today converters’ and printers’ portfolios include clients from different channels and

industries - says Andrea Briganti, Acimga director and Centrexpo Spa board member. Trade exhibitions need to consider this and offer a full range of technology supporting industrial printing, package printing, converting, labelling and more generally the entire graphic and commercial printing industry”.

For Acimga and Argi, the 2018 exhibitions are a stepping stone in a three-year project made of extensive collaborations aimed at the production of documents on the development trends of industrial printing and the staging of annual content transfer meetings involving the different players in the industry.

“Print4All with the shows Converflex, Grafitalia and Inprinting will be directly organized by Fiera Milano, to which we granted use of the brands - says Marco Calcagni, president of Acimga -. Both Acimga and Argi will do their part by encouraging their member companies to participate in the exhibitions.

We believe in a business model - concludes Calcagni – where the exhibition venue deals with producing the exhibitions, leaving the task of planning the content as well as the production chain and inter-industry network to trade associations”.

“The cooperation between Argi and Acimga was strongly promoted by both Governing Councils – adds Argi Secretary General Enrico Barboglio. By combining the competence of each association, our intent is to give the market a sign of dynamism and true modernity”.

“Print4All with the events Converflex, Grafitalia and Inprinting represent the breakthrough the market has been needing for a long time: a different industry model that breaks away from the dynamics strictly connected to the exhibition area and embraces all-comprehensive projects designed for business growth” – concludes Roberto Levi Acobas, President of Argi.

