

News and Views... 

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a Hyve event
09 - 12 | JANUARY 2022
India Expo Centre, Greater Noida, Delhi- NCR, India

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India's Covid-19 vaccine coverage at 417 million doses so far

India had administered at least 417 million Covid vaccine doses by Wednesday, July 21. Political parties were locked in a war of words over how many people died due to shortage of oxygen supplies while battling Covid during the second wave.

The BJP pointed out that the submissions by some of the states showed no deaths occurring due to shortage of oxygen.

Maharashtra and Delhi were among the states that countered the claim, While AAP, that heads the government in Delhi, claimed that the Centre lied in Parliament, Shiv Sena, which is a part of MVA government in Maharashtra, said those who lost their loved ones to oxygen shortage should take the Union government to court.

Meanwhile, by 7pm on Wednesday, 417,656,752 vaccine doses were given across the states and UTs. As many as

2,083,892 doses were administered on the day.

In the 18-45 age group, 1,004,581 were given the first dose while 95,964 doses were given as the second dose on the day.

Cumulatively, 130,446,413 persons in this age group across the country have received their first dose and 5,317,567 have received their second dose since the start of Phase-3 of the vaccination drive.

Madhya Pradesh, Maharashtra and Uttar Pradesh have administered more than 10 million vaccine doses in the 18-45 years age group. Also, Andhra Pradesh, Assam, Chhattisgarh, Delhi, Haryana, Jharkhand, Kerala, Telangana, Himachal Pradesh, Odisha, Punjab, Uttarakhand and West Bengal have vaccinated more than 1 million beneficiaries of the age group with the first dose.

- *Hindustan Times*

More than two thirds of India may have Covid antibodies, Anew survey shows

More than two thirds of India's population may have Covid-19 antibodies, according to a new serological survey released Tuesday, providing yet more evidence the virus may have spread far more widely than official figures suggest.

About 67.6% of Indians surveyed above the age of 6 showed antibodies, according to the nationwide study, which was conducted between June and July by the government-run Indian Council of Medical Research (ICMR). The survey covered 70 districts in

21 states, with 28,975 participants.

Our immune systems develop antibodies either induced by vaccination, or in response to infection. The majority of survey participants, 62%, had not received a vaccine; about a quarter had gotten their first dose.

The study marks a dramatic jump from just a few months ago -- at the start of the year, less than one quarter of participants were showing antibodies, according to the last national serological survey.

But in the months between the two surveys, India was devastated by a massive second wave, which overwhelmed the medical system and left people dying outside hospitals, waiting for oxygen or an open bed. The wave lasted from April through June, infecting millions and killing tens of thousands.

The study's findings, combined with a slow vaccination rollout, raise concerns about the possibility of a third wave of infections, according to ICMR Director General Balram Bhargava.

"More than half of the children (6 to 17 years old) were sero-positive, and sero-prevalence was similar in rural and urban areas," he said -- but "states, districts and areas without antibodies run the risk of infection waves," meaning about 400 million people will still be vulnerable if a third wave hits.

Active immunity, meaning protection against a disease, is often measured by the presence of antibodies -- proteins in the blood, made by the immune system to help fight infections, acquired either through

prior infection or vaccination.

Vaccinations have picked up in the past two months after the second wave began subsiding -- but the country is still nowhere near its goals. So far, only 6.35% of India's 1.38 billion population has been fully vaccinated, according to data from Johns Hopkins University (JHU).

And the country is still recovering from the second wave. Though daily new infections and the active caseload have steadily dropped, government officials are now repeatedly warning the public against complacency.

"I would like to emphasize today that at hill stations and in markets, the large crowds who are not wearing masks or following protocols is an issue of great concern," said Prime Minister Narendra Modi last week, after photos emerged of tourists flouting Covid protocols in vacation destination towns. "This is not right."

Underreported cases and deaths

Health workers and scientists have long warned that the real toll of cases and deaths are likely much higher than reported, pointing to the discrepancy between official figures and the sero-surveys.

So far, India has reported about 31.2 million confirmed cases, according to Johns Hopkins University -- less than 3% of its total population, and drastically lower than the proportion of survey respondents showing antibodies.

There are several reasons behind the gap in reporting, including poor infrastructure, human error, and low testing levels.

Though testing rates have increased since the start of the year, there are different case reporting structures across different cities and states -- and poorer residents might not be able to afford the time off work to get tested, or to travel to a test center.

Underreporting is prevalent in more rural parts of the country, where there are often logistical issues like missing information in the national medical database.

A working paper published Tuesday by the US-based Center for Global Development found that the number of excess deaths reported during India's pandemic could be up to ten times the official death toll

-- underlining just how severe the underreporting problem is.

Between 3.4 and 4.9 million estimated excess deaths were reported in India between January 2020 and June 2021, said the paper -- compared to the Indian health ministry's reported death toll of approximately 400,000.

When asked about the underreported deaths in parliament on Tuesday, Mansukh Madaviya, India's newly-appointed health minister, said the government has "no reason to hide deaths."

"Many people have said the Indian government is hiding the death toll, the Indian government simply compiles and publishes the figures sent to us from state governments," he said.

The study was based on three different estimates of excess deaths, using India's seroprevalence studies, excess death data

from India's civil registration system, and mortality surveys from the Center for the Monitoring of the Indian Economy.

Each of these estimates have their limitations, and the number of excess deaths reported do not necessarily equate to Covid-specific deaths, the study acknowledged.

But it concluded that the first wave of the pandemic was "more lethal than is popularly believed," and that their estimates show a higher number of excess deaths reported during the first wave than the second.

"Regardless of source and estimate, actual deaths during the Covid pandemic are likely to have been an order of magnitude greater than the official count," the study noted. "True deaths are likely to be in the several millions not hundreds of thousands, making this arguably India's worst human tragedy since partition and independence."

- CNN



US eases travel advisory for India

The United States has improved the travel advisory for India, lowering it from the highest Level 4, which means no travel, to Level 3, which urges citizens to reconsider travel.

It also eased travel recommendations on Pakistan from Level 4 to Level 3.

The improvement of the travel advisories for India and Pakistan by the State Department on Monday comes in an acknowledgement of the COVID-19 pandemic situation in the region.

The Centers for Disease Control and Prevention (CDC) has issued a Level 3 Travel Health Notice for India due to COVID-19, indicating a high level of COVID-19 in the country, the State Department said on Monday.

"Your risk of contracting COVID-19 and developing severe symptoms may be lower if you are fully vaccinated with an FDA authorised vaccine. Before planning any international travel, please review the CDC's specific recommendations for vaccinated and unvaccinated travellers," it said.

"Reconsider travel to India due to COVID-19. Exercise increased caution due to crime and terrorism," it said.

The latest travel advisory replaces the one issued on May 5 that had placed India in the Level 4 category.

When the last month's advisory was issued, India was struggling with a second wave of the pandemic with more than 3,00,000 daily new coronavirus cases being reported. Hospitals were reeling under a shortage of

medical oxygen and beds.

While the CDC issued a Level 2 Travel Health Notice for Pakistan due to COVID-19, indicating a moderate level of the pandemic, the State Department maintained Level 3 risk for US citizens travelling to the country due to terrorism.

"Reconsider travel to Pakistan due to terrorism and sectarian violence. Exercise increased caution in Pakistan due to COVID-19. Some areas have increased risk. Read the entire Travel Advisory," the State Department said.



Six months into India's vaccination drive: What is right and what is not

India launched its Covid-19 vaccination drive on January 16. Six months into it, there has been visible improvement on most fronts: the pace has picked up, and the gender and urban-rural gaps are reducing. Still, more needs to be done if India wants to achieve its stated target of vaccinating its entire adult population of 940 million by the end of 2021.

Daily jabs are off their peak, but still higher than before

India's vaccine supply policy has gone through several phases. In the first three, vaccinations were opened up to healthcare workers, front-line workers, and those over the age of 60 years or over the age of 45 years but with co-morbidities. In all three, the vaccines were sourced and supplied by the Union government -- to the states and to private centres. Starting April 1, vaccinations were opened up to those over the age of 45. In this phase too, vaccines were procured and allocated to states and private centres by the Union government. Starting May 1, India opened up vaccinations for everyone over the age of 18. This happened even as supplies remained constrained. States were allowed to procure up to 25% of the vaccines made locally for this; private hospitals were allowed to buy another 25%; and the remaining 50% was sourced by the Union government for distribution to the states for healthcare and frontline workers and those over the age of 45 years. After a messy



month-and-half when supplies played truant, and demand soared, the Union government took over the sourcing of 75% of the vaccines starting June 21 (the private sector continued to procure and administer 25%). The seven-day average of new doses administered reached an all-time high of 6.39 million on June 26, a number that India could never hope to sustain because it translates into a supply of 191.7 million a month (and in July, according to the health ministry, the supply is expected to be 135 million doses). The numbers fell subsequently, reaching just 3.42 million on July 12. However, in the past week, the pace of vaccinations has increased again. While it is still short of the peak of 6.39 million, it is significantly higher than what it was before.

But the current pace needs to increase to meet the December 31 deadline

The Union government has set a target of vaccinating India's entire adult population by December 31. As of 6pm on July 22, 87.8 million people have been fully vaccinated and 242.2 million people have received at least one dose. India's adult population, as on March 1, according to a projection by the National Commission on Population is 940 million. This means that 65% of the adult population has not received even one dose of vaccines until now. As the share of people who have been given their first dose of vaccine increases, future vaccine supplies will have to be reserved for administering second doses. Even if the current rate of administering first doses to 4.32 million people (as on July 20) daily is maintained, the target of vaccinating the entire population by December 31 will not be met. However, supplies are expected to increase significantly starting August, making it possible for India to accelerate its drive.

Vaccination in rural districts is increasing Urban India had a head-start in terms of vaccinations. While this is to be expected, it is self-defeating. An HT analysis based on merging the 754 districts listed on the Co-Win app with the 640 districts in the 2011 census shows that almost three-fourth (72.8%) of India's population lived in rural districts with at least 60% of the population living in rural areas. On July 21, the seven-day average of new doses administered per million population in rural districts was 2,799. This number was 4,477 for the urban

districts where the share of rural population was less than 40%. To be sure, things have improved on this front. The ratio of seven-day average of new doses per million in urban and rural districts was 2.76 on June 6, against 1.60 on July 21.

Dr Shahid Jameel, director of Trivedi School of Biosciences at Ashoka University, said while the reduction in gap between rural and urban areas in the pace of vaccination is welcome news, the gap needs to be reduced further. This is because, he said, the results of the latest sero-prevalence survey shows that the Covid-19 infection could spread just as readily in rural areas as urban areas.

More women are getting vaccinated now

On June 8 an HT analysis pointed towards a male-bias in India's Covid-19 vaccination programme. Things are improving on this front too now.

After the vaccination drive was opened up for all adults on May 1, the ratio of fresh first doses per million men and women (7-day average) peaked on May 25 at 1.348. It has been falling since then and was at 1.079 on June 24.

A change in design of the gender-wise data on vaccination from June 25 -- we now have data on total doses instead of the first dose - does not allow us to keep track of this ratio anymore. However, there is no evidence to suggest that the trend towards gender equality in vaccination has reversed.

– Hindustan Times

INDUSTRY NEWS

Exhibition Centres to reopen in India

Following a series of lockdown and restrictions on holding public congregations over the last few months, there is some good news for exhibition enthusiasts. Both the central and state governments of India are giving the green signal for leading exhibition and convention centres to organize events in their venues albeit with Covid related protocols.

India Expo Centre & Mart, Noida, Bangalore International Exhibition Centre, Bengaluru, HITECH International Convention & Exhibition Center, Hyderabad and Pragati Maidan, New Delhi are among the exhibition centres that have been granted permissions from the Government of India as well as respective state governments to host exhibitions and events. Meanwhile, efforts are on to make Bombay Exhibition Center's Hall No.1 and Grande available for events scheduled to be held in Mumbai.

– *Indian Exhibition Industry Association*



India's inflation situation 'very alarming'; needs better curation of policy between RBI, FinMin: Kaushik Basu

India's wholesale price-based inflation is at a 30-year high, leading to a "very alarming" situation for the country, former World Bank chief economist Kaushik Basu said on Thursday. He, however, doesn't see any risk of hyperinflation, but cautioned that if retail inflation follows wholesale prices, it might lead to "inflationary crisis".

Participating in a virtual event organised by the Asia Society, India, Basu said the inflationary situation in India is at a "very risky bend". "There is a big risk of inflation and actually one particular kind of inflation. If you look at wholesale price inflation in India. Right now it is at a 30-year high," he said.

Basu added that "generally wholesale price inflation seeps into retail price inflation, so that this is a very alarming situation for India because prices are rising quite rapidly". Basu, who served as a chief economic advisor to the government of India during 2009 to 2012, has written a new book titled 'Policymaker's Journal: From New Delhi to Washington D.C.'. The eminent economist said the "inflationary situation is at a very risky bend...where you need intertwining of monetary policy and fiscal policy."

Stating that India needs a much better curation of policy once again between the Reserve Bank of India and the finance ministry, Basu said, "I feel not enough is happening once again between the Treasury, the finance ministry and the central bank for the inflation."

He cautioned that there is a big risk of inflation going to be higher, though not huge. "I don't think there's any risk of hyperinflation or anything like that in India," he opined. "But it can go higher and if the retail prices begin to follow the wholesale prices, it is a major inflationary crisis, already, because the poor people have been hit so badly by the crisis," he observed.

The wholesale price-based inflation eased



marginally to 12.07 per cent in June as crude oil and food items witnessed some softening in prices, while retail inflation slipped a tad to 6.26 per cent in June although it remained above the comfort level of the Reserve Bank for the second consecutive month in a row. Agreeing with Basu, former Chief Economic Adviser to the Government of India Arvind Subramanian, who was also participating in the event, said that he is actually a little bit more worried about inflation than he used to be. "I'm very worried about inflation. First of course, you know, it's possible that we don't know but the global situation itself could turn a little bit more inflationary in the next one or two years," Subramanian said. He further said "the pie (resources) is shrinking in India and conflicts over the pie are rising very sharply". "You see that in agriculture, you see that in the individual state saying no employment for people outside. All these are signs, both that the pie is shrinking," Subramanian noted. According to him, if this pie doesn't grow very rapidly, then these conflicts will exacerbate and one of the key manifestations will be higher inflation. On Goods and Services Tax (GST), Subramanian said that there is a need for simplification of GST rates.

"Some of the GST rates have to be increased... GST design has to be countercyclical compensation," he opined. Subramanian also said GST requires lots of cooperation between the Centre and the states.

Subramanian, who was appointed CEA on October 16, 2014 for a period of three year and was given an extension in 2017, pointed out that India's economic growth in the last 30 years was driven by exports.

"There is no economic model in the world where a country can grow 8-10 per cent without high export," he said adding that in the last few years, "poverty has started rising again".

On the issue of globalisation, Basu said it is "going to come back with a vengeance, and the world will see new winners and losers..."

"I think globalisation is hitting roadblocks and it will continue to stumble for a couple of years, but I have no doubt in my mind that it is going to come back and come back actually with a vengeance. So countries which make the mistake of nationalism and hyper nationalism and closing down will be the losers in the new world, that is going to come out," he said

Weekly e-news Alert Program - 'Market News & Views'

This is a regular program which will cover Industry Updates, Launch of New Technologies, Partnership Opportunities, Industry Views & CSR activities. The purpose of this program is to keep customers up to date with developments in the Industry.

INDUSTRY UPDATES



Flipkart and Myntra Join Hands with Canopy to Advance Sustainability Efforts and Conserve Forests

Flipkart Group, India's homegrown consumer internet ecosystem including Flipkart, and Myntra, one of India's leading fashion and lifestyle destinations, announcing its commitment to responsible sourcing of sustainable packaging and man-made cellulosic fibers in collaboration with not-for-profit environmental organization Canopy.

Flipkart and Myntra recognize the role of the world's forests in maintaining climate stability, preserving biodiversity, and protecting the rights of Indigenous communities. The companies have joined Canopy's Pack4Good and CanopyStyle initiatives to extend their sustainability commitment to move towards sustainable packaging and material sourcing. Recently,

they also announced a shift away from single-use plastics in their packaging with the introduction of the most scalable sustainable alternatives such as eco-friendly paper shreds, replacing poly pouches with recycled paper bags, replacing bubble wraps with carton waste shredded material and 2 Ply roll to name a few.

As signatories of Canopy's Pack4Good (packaging) and CanopyStyle (fashion) initiatives, the two Flipkart Group companies will shift towards sustainable sourcing of forest-derived products and pilot alternative next-generation solutions to transition away from forests for raw materials. For this commitment, Flipkart and Myntra will focus on the following activities over the next three years:

- Exploring sourcing or designing of reusable/refillable shipping boxes to reduce corrugated paper and paperboard
- Encouraging the use of recycled, reusable and/or FSC certified paper and packaging as well as sourcing products with responsibly sourced man-made cellulosic fibres
- Design and implement e-commerce, shipping, display and wrapping systems that minimize the use of packaging materials
- Increase utilization of recycled materials in packaging
- Utilize reusable packaging systems for intra business applications
- Increase the use of digital communication, marketing and accounting systems
- Adopt best practices including researching and applying emerging and circular economy innovations.

Increasing the use of responsibly sourced man-made cellulosic fibre for in-house products including rayon/viscose, lyocell, and modal

"India has incredible potential to be a global leader in the production of Next-Gen packaging and clothing and this partnership with Flipkart and Myntra turbo charges efforts to scale these climate-saving solutions on a meaningful timeline," said Nicole Rycroft, Executive Director at Canopy. "We applaud Flipkart Group's leadership and look forward to collaborating with them to realize these ambitious goals."

Hemant Badri, Senior Vice-President and Head of Supply Chain at Flipkart said, "Flipkart as a homegrown e-commerce marketplace is committed to creating a sustainable environment by sourcing responsibly while creating sustainable alternatives for business needs. In this endeavour, we are so pleased to be joining both CanopyStyle and the Pack4Good initiatives, in order to save the world's ancient and endangered forests. We look forward to a close collaboration that will allow us to open up a new sourcing stream for packaging and will fuel change in other key operational areas as well, inculcating sustainability initiatives in logistics, infrastructure, energy efficiency, and more."

Neetu Jotwani, Vice-President and Head of Sourcing, Myntra, said, "Myntra is committed to sustainability and has always been at the forefront of industry-first initiatives that reduce carbon footprint while encouraging recycling across the entire

supply chain and manufacturing processes to make them more eco-friendly. This association with Canopy and the adoption of CanopyStyle for fashion and Pack4Good for packaging is a major step towards our goal of further eliminating single plastic use and increasing environment-friendly practices.”

Responsible forestry and ensuring there is no sourcing from the world’s Ancient and Endangered Forests is a critical step toward sustainability and this policy will successfully aid the Flipkart Group’s mission. With Canopy’s support, it will continue to transform supply chains into life-affirming value chains.

– **Paper Mart**

Aadharshree Paper mill starts manufacturing specialty grades paper

The rising preference of sustainable packaging has led to an increase in demand for packaging solutions that can also be recycled. In fact, machine glazed poster and kraft paper manufacturers are inclined towards sustainable packaging and are promoting environment-friendly packaging.

“The shift in the adoption of flexible packaging rather than rigid packaging is responsible for driving the machine glazed poster and kraft paper market’s growth. There is an increasing penetration of machine glazed kraft paper for the packaging of food and beverages, personal care and cosmetics products, textiles and other industrial products in India,” Said Mr.

Shrey Verma, Director at newly started paper mill, Aadharshree Paper Mills Private Limited. Situated at Roorkee, Uttarakhand, Aadharshree Paper is well equipped to produce 80 TPD MG Poster and Kraft paper on the same machine, “This is a very proud moment for us of being associated with the Indian Paper Industry. We are stepping in the specialty paper segment which is very much in demand; paper is to be manufactured from recycled fibre,” he said during trial production process.

Mr. Verma further said that we have invested in the best technology and engaged elite supplier for paper machinery. “Our finished deckle of machine is 4.35 meter. We are aiming to produce low GSM paper in between 30 to 70 ranges and BF for MG kraft will be up to 22,” he said.

“The ability of machine glazed kraft paper to provide exclusive mechanical strength, flexibility and printability makes it an ideal choice for [the] packaging of industrial and non-industrial goods. Shifting inclination towards strong, yet sustainable packaging solutions will create sales opportunities,” He explained.

Aadharshree has procured the plant and machinery from Hardayal Engineering, and pulp mill section has been installed by Parason Machinery. “From wire part to rewinder, we have bought the machinery from Hardayal Engineering, it’s a completely automatic production unit with all critical components,” Mr. Verma informed.

The new paper mill can achieve a production level up to 90 TPD.



“Our project got delayed due to the corona pandemic, otherwise we might have started the paper production in September last year,” Mr. Verma said.

– **The Pulp and Paper Times**



Adverse impact in demand for Maplitho and Copier in the next few months, Pulp price trend analysis

While Q4 FY 21 saw good sales as markets were operating fully, it has been adversely impacted in the current quarter due to the second wave of Covid19. The sudden increase in the number of infected individuals pushed the various state governments to impose Lockdown from mid-April'21. There was a complete lockdown of all kinds of operations except for essential services and manufacturing units. First to get impacted in April'21 was Western part of the country followed by North and then South and East. Since

April'21 all schools and colleges were shut down leading to significant drop in demand for Maplitho and Coated paper. The only demand has been from the various state government orders for printing of Textbooks. All offices, Hotels, restaurants, shops and establishments were shut from April'21, resulting in significant dip in demand of copier paper to about one-third of its original levels. The marginal demand was mainly supported due to operations of hospitals, some government departments and the vaccination drive by various state governments. In case of packaging boards segment, there was a complete drop in demand from garments and publishing segment. Even demand for cup stock was adversely impacted. The pharma and FMCG foods segments saw a strong demand, even higher than normal, compensating to some extent the demand dip from FMCG non-Foods segment.

Most of the companies in the paper industry have started considering exports as a mechanism of sustaining the operation of their production lines in Q1 FY22. Demand for paper and packaging boards has been quite robust in China, USA, Europe and Middle East as these markets have started emerging faster from the Second wave of Covid19. They have also been fetching good prices on the back of strong pulp prices, which have been hovering at around USD 780 – 800 levels.

The lockdown situation persisted till First week of June'21, post which some of the markets in North and West decided to have a

graded opening up of the different sectors. Similar announcements have been made by governments in South and East from Week 3 of June'21. Hence it is expected that demand revival will take place to a certain extent. We will also witness revival of demand for packaging boards from all the impacted sectors like garments, cupstock, FMCG non-Foods, etc. But continued closure of schools and colleges will have an adverse impact in demand for Maplitho and Copier in the next few months.

On Pulp Price Trend :

The Chemical Pulp prices started moving up in Jan'20 after remaining subdued in previous year and the international forecast for FY21 was in positive direction. The orders placed in last Quarter of FY 20 had the arrivals in Q1 of FY21. As the impact of the Covid19 gripped the Europe in Feb20, the Pulp prices started falling in March20 and due to lockdowns imposed in many country the production suddenly stopped and demand plummeted. There were few buyers as due to uncertainty the purchasing decisions were postponed. The Hardwood pulp traded below 450\$ level and soft wood also sold near to 500\$ level. After the control of the 1st wave of the Covid19 , the demand started increasing and the Chinese economy bounced back faster than expected and Pulp Price started soaring to new level from Dec'20. The various factors like speculative physical buying, increasing Tissue/ Hygiene paper production, weakening of the Dollar, and significant planned /unplanned outage of Softwood producer's mills and Logistics

issues of container supported the month to month sharp price increase. The Shanghai Future Index price went up by 100% since March'20 and further triggered the speculative buying at higher price. Though no country has recovered after the downfall of Covid19 except China, the Pulp prices breached the new high of above 1000 \$ for the softwood and 800\$ for the hardwood after many years. The Mechanical Pulp which is used for the Board production also followed the similar price trend and container shortages not only increased the CIF price but also increased the order cycle (Order to shipment arrival time) to six months. The situation has given advantage to the market pulp producers to have healthy order booking and reduction in the inventory which is going to help them to sustain the higher price in year 21 also. Sustainable pricing is in the band of 570-630 USD for Chemical Hardwood Pulp & likely to stay in the coming year 2022.

– *The Pulp and Paper Times*

Newly started, Maakrupa Paper mill is fulfilling Corrugators' demand in Central India

Based on packaging form, the corrugated segment is projected to dominate the kraft paper market, in terms of value and volume, from 2019 to 2025. The Lockdown and the continuing of an economy back toward full production; new capacities in kraft paper production are taking place. The demand of corrugated boxes have been rising,

corrugated boxes not only offer protection to shipped goods from damages but also offer easy handling features.

"The COVID-19 pandemic has changed the normal functioning of the packaging industry as demand for specific packaging types witnessed major disruptions. The packaging demand used in healthcare products, groceries, and the e-commerce sector has increased sharply. At the same time, the demand for luxury, industrial, and some B2B-transport packaging has declined. Due to lockdown in many countries across the globe, consumers have opted for online shopping of groceries, medical products, pharmacies, and other consumer goods, affecting the retail ready packaging market," explained by Mr. Alpesh Ramani, Director at Maakrupa Paper Products LLP a newly started paper mill.

"The demand of kraft paper will remain sustainable in the future, and we are glad that our investment in new paper mill will yield good returns for us. There are less paper mills in Indore region, which is making us a viable option for corrugators and Traders' buying need of paper. We have installed and commenced a 120 TPD paper mills at an industrial area which is 12 KM away from Indore," informed by Mr. Alpesh. Maakrupa Paper has commenced its production in December 2020 at 80 TPD and gradually increasing its capacity. "We are manufacturing paper between 110 to 150 GSM with 16 to 20 BF strength," Mr. Alpesh said.

He further insisted that corrugated boxes are

the lifeblood of the modern packaging and shipping industries. Think about it; almost everything we touch has been packaged, moved, delivered, and received in a brown box.

"Our entire plant and machinery is supplied by DS Engineers, DS Engineers helped us in customizing the plant and machinery according to our need of paper quality. We have also installed all the critical components which are useful in automated the paper mill for reducing manpower," he said.

The new plant has 3.8 meters finished deckle size while speed is designed at 250 m/min. We have bought the entire pulp section from Parason Machinery.

Mr. Alpesh further informed that our machine is running on a single wire machine and having the capability to reach at 130 TPD. We are currently selling our products in domestic market, and looking for an export market also.

Corrugated is made from three layers of thick paper stock that are glued together. Two flat outside pieces called liners have a layer of grooved cardboard sandwiched between them. The wavy piece of paper stock is called fluted cardboard, and it comes in different sizes to provide different levels of strength.

– *The Pulp and Paper Times*

Mondi & Unilever Develop Aluminum-Free Paper-Based Packaging for Colman's Meal Makers

Unilever, together with Mondi, a global leader in packaging and paper, have developed a new high barrier paper-based packaging material for Unilever's Colman's dry Meal Maker and Sauces range by reducing plastic, increasing paper content, and consequently ensuring recyclability in the existing UK paper waste stream.

By replacing the previous unrecyclable multi-material laminate with recyclable paper packaging, Mondi supports Unilever in its sustainability targets. The aluminium, as well as all unnecessary plastic layers of the previous material, were eliminated. This resulted in a new packaging solution with a paper content of 85% and an ultra-thin functional plastic layer that seals the packaging and provides barrier protection for the food. Mondi and Unilever's R&D teams identified this layer as the minimum acceptable protection needed to ensure a long shelf life while maintaining high quality and reducing food waste.

Mondi and Unilever closely collaborated throughout the entire development process, including mastering the challenge of limited access to production facilities during the Covid-19 pandemic. Starting with a proof of concept, followed by extensive line trials at both Mondi and Unilever's R&D pilot plants provided the flexibility to quickly prototype and test the unique packaging material before scaling up. This collaborative method



goes to the heart of Mondi's EcoSolutions customer-centric approach of working closely with its customers to ensure that the best possible and most sustainable product is created while meeting the customer's requirements, as well as that of its end-user and the environment.

Unilever focuses on the principle of a circular economy and the importance of creating value within it. Two of their key targets are to transform the entire packaging portfolio into technically recyclable, reusable or biodegradable solutions as well as to halve the amount of plastic used by 2025, which this new packaging solution addresses.

– **Paper Mart**

Ashton Paper Mill starts production on single wire machine; Plant supplied by NKR Engineers

Corrugated packaging is becoming popular as sustainability becomes a more critical issue across the industry. It is simpler to recycle and the pulp and paper industry is already good at converting these into new generations of containerboard. These qualities indicate there has been a rise in popularity of corrugated protective formats over polymer-based alternatives, such as expanded polystyrene (EPS) foams. "Packaging efforts have moved largely despite rising tariffs, and continued industrialization in countries like China,



India, and Brazil is expected to continue boosting growth. Products have become more diverse, and delivery options more advanced, meaning that unique boxes and materials are needed to package and protect goods. This need is prompting more corrugated box options, growing the industry despite increases in the price of corrugate,” said Dr. Reshma Mankar, Director of newly started paper mill, Ashton Paper Mill Pvt. Ltd.

“We are very glad of stepping in paper production for packaging sector. In December 2020, we rolled out our first reel of kraft paper on a single wire machine. We have already achieved 80 TPD production levels out of 100 TPD installed capacity. Our global population grows in size and affluence, our collective demand for packaging materials will increase drastically. We need packaging to store and transport our products, to protect valuable goods, pass information to consumers,” Dr. Reshma said.

Ashton Paper mill is situated at Lakhmapur, Ta.:Dindori, Nashik – Maharashtra, is producing Kraft paper under 80 to 200 GSM range with 14 to 22 BF. Paper is suitable for corrugated box manufacturing.

“Our entire plant and machinery is supplied by NKR Engineers, they have a proven track record in the paper industry and established several paper mills running successfully. NKR Engineers helped us in customizing the plant and machinery according to our need of paper quality. We have also installed all the critical components which are useful in automated the paper mill for reducing

manpower,” She said.

Ashton has bought pulp mill from Parason Machinery while boiler is from Omega (Vapi-Gujarat) with auto coal feeder function.

The new plant has 3.2 meter finished deckle.

At the time of reporting this news, Ashton paper was selling 16 BF paper in INR 29 per kg and 18 BF in INR 30 per kg. They were procuring waste paper at INR 18.50 per kg. Ashton paper is diluting all the production in the domestic market within 200 KM range.

– The Pulp and Paper Times



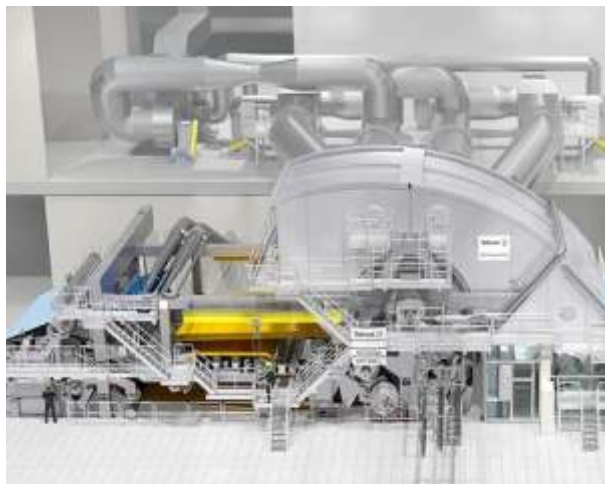
Valmet Receives Repeat Order For Tissue Production Line From Eczacibasi Consumer Products in Turkey

Eczacibasi Consumer Products has chosen Valmet as the supplier for their new tissue line, which will be installed at the company’s Manisa Plant in Turkey. The new Valmet Advantage DCT 200TS line, including stock-preparation, automation and Focus rewinder will support the company’s rapid growth in global tissue paper markets.

The order is included in Valmet’s orders received of the second quarter 2021. The value of the order will not be disclosed.

The delivery will comprise of a complete tissue production line featuring Valmet stock preparation systems and an Advantage DCT 200TS tissue machine. The machine is equipped with an OptiFlo headbox, Advantage ViscoNip press with BlackBelt and Yankee cast cylinder with Advantage AirCap hood as well as a Focus rewinder.

Furthermore, the delivery will include an extensive Valmet DNA Automation System with process controls, machine controls, drive controls and machine condition monitoring. Valmet IQ Quality Control System (QCS) with IQ Scanner, IQ Fiber measurement, MD Controls and IQ Dilution profiler with CD Control ensure high end-product quality. The delivery also includes Valmet IQ Web Inspection System (WIS) for quick and detailed web defect analysis. Complete engineering, installation supervision, training, start-up and commissioning are also included in the delivery.



The tissue machine will have a width of 5.6 m and a design speed of 2,200 m/min. The new line will provide high-quality facial, napkin, toilet and towel grades for consumer and commercial use. The raw material of the new line will be virgin fiber. The production line is optimized to save energy and to enhance final product quality.

– **Paper Mart**

Tetra Pak Shuts Production of Plastic Straws in Lisbon to Produce Exclusively Paper Straws

Tetra Pak has announced the end of an era, as it stops plastic straw production at Tetra Pak Tubex Portugal. The Lisbon-based factory has already changed all its production lines, which will only produce paper straws from now on.

This change means Tetra Pak achieves its goal to be the first carton packaging company to produce paper straws in Europe, simultaneously aligning with the European

Union's Single Used Plastic Directive. This step is an important milestone for the company, which works to lead sustainable practices in the food and beverage industry and promote a circular economy.

Daniele De Franciscis, factory manager at Tetra Pak Tubex, Portugal shares "Tetra Pak Tubex Portugal's plastic straw production ends today. It was an honour to serve our customers and accompany the development of food distribution in Portugal, always "protecting what is good", for four decades. But change is urgently needed and as such we will now continue to write the next chapter for the Lisbon factory, with the expansion of paper straws, supporting Tetra Pak's ambition for sustainability. A special thanks to all employees who have contributed to this change and the achievement of this goal!"

The announcement of the end of plastic straw production in Tetra Pak Tubex Portugal also demonstrates the efforts made by the company to promote the circular economy. Paper straws are made with FSC®-certified paper, ensuring they come from responsibly managed forests and other controlled sources and are recyclable together with the carton package when pushed inside. The use of paper straws increases the quantity of renewable material in the packaging, reduces the dependency of fossil-based resources, enhances recycling and minimises littering.

Tetra Pak is also working on other innovations such as tethered caps, made from plant-based polymers, which minimize

the risk of separation during the collection and recycling process as they remain joined to the package.

In Portugal, according to Sociedade Ponto Verde's Recycling Radar¹, about 9 out of 10 Portuguese people recycle packaging and consider this to be the behaviour that best contributes to the protection of the environment. Tetra Pak intends to contribute to the increase of these numbers both in Portugal and globally.

Tetra Pak's wider ambition is to supply the global market with more sustainable drink-from solutions, as part of its Strategy 2030 goal to lead an industry-wide sustainability transformation.

– **Paper Mart**



ABB Sets New Global Standard with Remote Commissioning of Actuators for BGPPL, India

ABB has successfully completed the commissioning of the Induction xP Plus profiler system on PM3 at Bilt Graphic Paper Products Limited (BGPPL), Ballarpur, India, with remote support from China.

Marking the first time that an ABB cross-machine direction control engineer has provided remote commissioning support for an upgrade of this kind, the modernization project was successfully and seamlessly delivered due to the world-class domain expertise of the team.

ABB's new Induction xP Plus is the best-in-class cross direction (CD) caliper profile control to achieve maximum induction heating in the shortest time possible, for reduced product variability and rapid corrections to sheet finishing profiles. The actuator heats the calender roll with an alternating magnetic field, creating heating eddy currents that cause the roll to expand. This narrows the nip between rolls and compresses the paper for reduced caliper and increased smoothness, offering papermakers advanced caliper profiling and sheet finishing capability. It is an integral part of the ABB Ability™ Quality Management System (QMS), which is based on the flagship digital platform, ABB Ability™ System 800xA.

"As part of our mill modernization, we decided to replace the existing ABB CD

caliper control system (ThermoProfiler) with the latest Induction xP Plus profiler for PM3 at our Ballarpur plant, where we produce premium uncoated woodfree writing and printing paper, as well as high-quality office paper from 100 percent virgin wood fibers," said Mr. Uday Kukde, General Manager and Unit Head, BGPPL, Ballarpur. "This upgrade to a newer, more reliable product was critical in order to improve our efficiency, safety and quality by reducing product variability, breakdown and inventory cost."

"This has been a significant, first-of-its-kind remote commissioning for ABB, made possible by the team's strong domain expertise," said Rajmohan Arumugam, Engineering Manager – QMS, ABB. "Despite it being a complex task, the team overcame all logistical and health and safety hurdles and ensured that the entire process ran smoothly and exceeded customer expectations."

Bilt Graphic Paper Products Limited (BGPPL), a subsidiary of Bilt Paper B.V., manufactures coated and uncoated woodfree paper as well as copy paper from multiple facilities located in the state of Maharashtra. BGPPL, which exports its paper products to more than 55 countries, has a total capacity of 670,000 metric tons per annum across three mills.

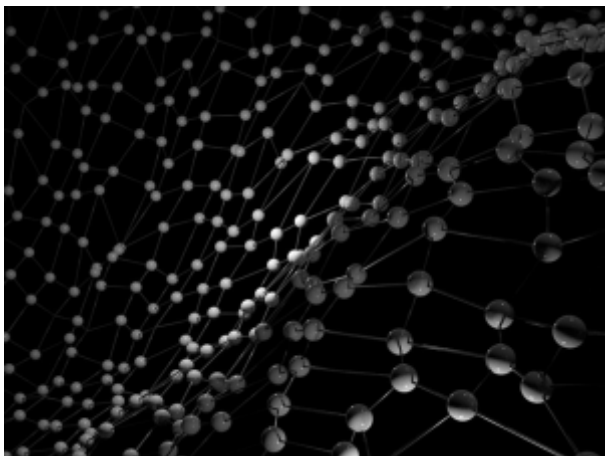
– *Paper Mart*



NEW TECHNOLOGIES

Anshika Polysurf Limited

Polymer Products



APL is a leading manufacturer and supplier of specialty performance chemicals being used by a wide variety of small, medium and large industrial manufacturers.

The Coating & construction chemicals segment of APL Product portfolio offers high performance dispersions and specialty additives to architectural coatings and decorative paints, offering a wide portfolio of emulsions, dispersing & wetting agents, rheology modifiers, defoamers, cement modifiers & construction polymers to the industries.

In the Textile segment APL products are well embraced by many Textile Giants for various applications both in Woven and Non-Woven Categories, such as Finishing, Printing, Flocking and Coating. Our efficient Binders and Finishing Chemicals (used in Pigment Printing on the Textiles) bind pigment for durable print with quality and workability, and impart hard/soft feel to the fabric with fullness and durability.

For the Non-Woven segment we offer Chemicals and Binders for Automobile Non-Woven Fabrics, Non-Woven Shoe Fabrics, Non-Woven Filter Fabrics. We engage different types of raw material like polyester, acrylics, nylon, polypropylene and viscose to give our products unmatched and consistent quality.
For the Flocking segment APL

manufacture's high performance Binders to cater to the distinctive needs of clients. These Binders are sprayed on the flocks and give best results after drying.
In the Packaging segment there is a complete range of adhesives that are suitably used in fast growing industries like: Bopp Tape, Wooden Fixing, Bindi, Footwear etc.

Presently Polymer products are manufactured at our APL-Gujrat and Arham Technochem, Roorkee (UK) Units.

For Paper Segment

ACRYLIC EMULSIONS RANGE

Product	Description
APCRYL PAP 990	Clay Coating Binder Gloss & Adhesion
APCRYL PAP 890	Clay Coating Binder for General Purpose

SBR RANGE

PRODUCT	DESCRIPTION
APTEX PAP-601	APTEX PAP-601 is a modified Carboxylated Styrene-Butadiene Latex specially developed for coating varieties of boards like LWC, MWC, HWC, Triplex White back, HWC-Grey back and art/chromo papers.
APTEX PAP-909	APTEX PAP-909 is a modified Carboxylated Styrene Butadiene Latex specially developed for coating of varieties of Papers and Paperboards.

PARTNERSHIP OPPORTUNITIES

There are many different ways of benefitting from the Paperex exhibition.

You can increase your company's exposure by becoming a Partner of the show, advertising in the exhibition's promotional materials, or simply visiting the show and gaining first-hand information about the new developments in the market and latest technology advancements. Branding gives an excellent opportunity to stand out from the crowd, reinforce, enhance and establish corporate visibility amongst the targeted audience. Branding is a great way to reinforce your brand message with benefits including:

- Enhance your leadership status
- Educate and inspire a targeted audience with your products and services
- Raise brand awareness and create preference to a targeted audience
- Build leadership status in the industry
- Create positive PR and raise awareness of the organisation as a whole
- Build brand positioning through associative imagery
- Create internal emotional commitment to the brand
- Provide innovative solutions to the industry
- Provide revenue generating ideas



MEDIA SPEAK



Tokyo 2020 Olympics to Use Recycled Cardboard Beds for Athletes

Athletes at the Tokyo 2020 Olympics will be sleeping on beds made from recycled cardboard and customizable mattresses. The cardboard beds will be manufactured by Japanese bedding company Airweave.

As reported in a leading daily – the bed frames, made of high-resistance cardboard, can support up to about 200 kilograms. They come with three-part polyethylene mattresses that can be mixed and matched to suit each athlete's preferred firmness for the upper, middle and lower body, according to Airweave Inc.

The idea behind cardboard beds was to be easy on the environment and commitment to sustainability. The single-bed cardboard frames would be recycled into paper after the conclusion of the games while the mattresses (not made of cardboard) will undergo recycling only to be turned into plastic products.

– *Paper Mart*

Outlook of Paper & Tissue Industry in Bangladesh

The new Forest Strategy is an important piece of the European Commission architecture to deliver on the European Green Deal. There is a consensus on the need for the new forest strategy to foster a European circular bioeconomy and the sustainability of Europe's forests to achieve the 2050 climate neutrality target. However, Cepi does not see the coherence between different policies addressing and impacting forests in the proposed strategy.

"The strategy focuses much on the sink function of forests and simply misses the holistic contribution that wood-based products can bring to a greener and more circular economy: to keep fossils in the ground! The European forests and the forest-based sector provide integrated solutions to the global climate challenge on a very large scale. Together with the product substitution effect, the overall positive climate effect is estimated at 20% of all fossil emissions in the European Union", commented Jori Ringman, Cepi Director General. "And there is a plenty of potential that remains untapped with the proposed Forest Strategy."

In addition, some sectors depending on fossils will now have free allocation, a carbon border measure and an earmarked sink in the forests that these sectors have nothing to do with. "Bioeconomy will not have a level playing field competing with such fossil sectors", concludes Ringman.

Cepi supports the initiative to plant three billion additional trees, we need more forests in Europe but protecting our forests with a short-term tree-planting exercise or converting them into nature restoration areas will not be sufficient to reach our climate objectives. "The European Paper industry is ready to help make the three billion trees initiative a success for the long-term sustainable growth of forests. We believe this is the right policy, forests need to be grown more, rather than their use limited", says Ringman.

Instead, the proposed strategy sets the focus on addressing developments that are caused by external factors, and risks undermining the contribution of the forest and forest-based sector as a whole:

By reserving trees as sinks only, the full benefits of the bioeconomy substituting fossil materials and fuels is lost.

Setting aside forests for conservation purposes and prescribing forest owners particular management practices is underestimating the diversity of practices already existing and needed within sustainable forest management across the continent.

Both the European Parliament and EU Member States have positions where the balance between the various functions of forest is preserved and the Commission should have taken their guidance better into consideration. Member States already flagged the importance of respecting the diversity of sustainable forest management practices. A prescriptive forest management approach risks increased forest calamities

and misses the chance to adapt our forests to climate change in the way required by the different local circumstances. “Climate change and biodiversity require us to manage more and better, not less”, says Ringman.

Cepi welcomes the acknowledgment of the cascading use of wood principle. This principle is working well in the forest sector when there are no distorting subsidies. The latter needs to be addressed in the energy legislation. Cepi also points out to the danger of low-efficiency power generators moving extensively to use pulp wood as certain types of biomass will be restricted for bioenergy use by the proposed

legislation. Market distortion between energy use and raw material uses need to be carefully followed.

However, the attempt to use cascading principle for allocating wood for certain uses and the re-interpretation of the principle to prioritise production of certain products over others in the forest strategy is not in line with the European Commission’s own guidance from 2018, this could hamper the EU bioeconomy potential as investments in forest and investments in bioeconomy will be lost.

Finally, the strategy could be an opportunity to fine-tune the risk-based approach demonstrating that wood comes from sustainably managed forests regardless where it is used, in close cooperation with Member States. Cepi is ready to engage in this process.

– **Papnews**



Toscotec Delivers TT SYD Steel Yankee Dryer to Sappi

Toscotec has completed an order from Sappi to supply a TT SYD Steel Yankee Dryer to their mill in Stanger, South Africa.

The cylinder was shipped off from Toscotec’s fully integrated and innovative TT SYD Technology Center in Massa (Italy), where Toscotec manufactures all its steel Yankees. The Center is conveniently located three kilometres away from the seaport to expedite shipping operations of large diameter Yankees. The scope of supply includes the Yankee steam and condensate system and Toscotec’s patented head insulation designed to ensure maximum thermal energy efficiency. Toscotec will provide complete project management, erection supervision, commissioning, and start-up assistance.

Nash Ayer, Procurement Manager at Sappi Southern Africa Ltd., comments, “We decided on Toscotec because they met our foremost selection criteria of high energy efficiency and reliability. The choice of leading-edge technology such as TT SYD

that will increase the energy efficiency of our tissue line is part of our strong commitment to climate-smart solutions. Given the short timeframe we had on this project, Toscotec gave us their full support by shortening the delivery time.”

Fabio Bargiacchi, Toscotec’s Sales Manager, says, “We are glad to start a new cooperation with Sappi, one of the largest and most innovative pulp and paper producers worldwide. The 20 weeks delivery time obviously posed a big challenge but Toscotec achieved an outstanding result by tapping into the great manufacturing flexibility of its TT SYD Technology Center. With this order, Toscotec further strengthens its position in South Africa, where we have been awarded six new projects in the last 5 years.”

With over 200 TT SYD operating in 5 continents across the globe, Toscotec is the undisputed market leader of steel Yankee dryers holding more than 70% market share. Toscotec has manufactured the biggest steel Yankee dryer in the tissue sector, and its TT SYD has been selected for a wide range of applications, including tissue, MG paper, TAD, and tobacco.

Toscotec’s continuously growing experience of Yankee dryers operating under the most diverse conditions drives the progress of TT SYD’s design and services. In 2021, Toscotec launched TT Defender®, a breakthrough patented innovation that provides Yankees with an internal protection coating against corrosive steam.

– **Paper Mart**



Andritz to upgrade world's largest BCTMP system

International technology Group Andritz has received an order from Shandong Huatai Paper Industry Shareholding to upgrade an existing BCTMP (bleached chemi-thermo-mechanical pulp) plant to become the world's largest mechanical pulping line for P&W (Printing & Writing) paper production at the mill in Dongying, Shandong province, China. Start-up is scheduled for the 4Q 2022.

The existing BCTMP line will be upgraded and rebuilt to become a state-of-the-art P-RC APMP- (Pre-Conditioning Refiner Chemical Alkaline Peroxide Mechanical Pulp) system. The fiberline's production capacity for mechanical pulp to make P&W paper grades will thus be increased from 100,000 to at least 300,000 admt/a, making it the largest in the world.

Andritz will rebuild two existing high-consistency (HC) refiners as well as the existing screw presses, disc filters and screens, and supply new equipment for all other process steps.

The upgraded mechanical pulping line will process a mixture of eucalyptus, poplar and acacia wood chips. The scope of supply also includes the basic engineering as well as the supervision of mechanical installation, commissioning and start-up.

Shandong Huatai Paper Industry Shareholding is the world's largest producer of newsprint and the largest producer in the chlorine-alkali industry in China.

Andritz Pulp & Paper provides equipment, systems, complete plants and services for the production of all types of pulp, paper, board and tissue.

– *PULPAPERnews.com*

The Sirpur Paper Mills to Ramp Up Production Post INR 700 Crore Investment

The Sirpur Paper Mills Limited, which has seen an investment of about INR 700 crore since it was taken over by JK Paper Limited in August 2018, is on course to recovery as it steps up production by the year-end.

Located in Komaram Bheem Asifabad (erstwhile Adilabad) district at Kagaznagar, The Sirpur Paper Mills is now on revival mode with trial production stabilizing, further refurbishment and upgradation under the new management.

As reported in a leading daily – Mr. AK Mehta, President and Executive Director of JK Paper states, "After we took over the paper company we had many surprises and we had to take up a lot of refurbishment and upgradation by making new investments in boilers and related infrastructure."

"However, even as the trial production was underway, we encountered more problems forcing us to shut down for further upgradation. Then as we resumed production, during the Covid first wave, we had to shut the plant from March to November. After forced shut down, we started production and it is now functioning at 70% capacity, which is good given the tough scenario".

"We are investing in a New Chipping Unit and further improvement and upgradation, all of them will be over by the end of the third quarter of this fiscal, enabling us to go for full production. The Paper Mill has the capacity to produce 1.36 lakh tonnes of paper per annum," Mr. Mehta added.

The takeover of the company was facilitated by the active intervention of the Telangana government. The paper production from the mill was suspended in September 2014. The paper mill was set up on a 110-acre site by Nizam Mir Osman Khan in 1936. The JK Paper management sees this as a strategic acquisition to expand its existing line of paper business.

– *Paper Mart*



DS Smith partners with Trimble to drive digitalisation at its paper mills

Following a successful trial, DS Smith has adopted Trimble's powerful data mining platform, Wedge, at our paper mill in Kemsley in Kent - the largest mill for recycled papers in the UK.

The online system, Wedge, has helped the Kemsley mill deliver a more consistent and higher-performing production process and ultimately an improved product through its advanced data visualisation and manipulation tools.

Wedge has also gone live at our Viana mill in Portugal and will be rolled out at the Witzenhausen and Aschaffenburg mills in Germany in the coming months – creating a network of connected mills across Europe all using the same software.

Thousands of data-points are collected, analysed and stored every second at our paper mills and so accuracy of information and speed of access are integral to the business's technicians and engineers to make informed operational decisions.

With our paper mills running continuously for days at high output rates, maintaining

stability while detecting and solving potential problems quickly is critical to ensuring production runs efficiently and uninterrupted. Wedge will support the mills by helping to drive fast and accurate decision-making, increased connectivity and improved efficiency.

Digitalisation can be applied to almost all aspects of our work at DS Smith. We're seeing it play a role in every side of our business and we're keen to play an influential, leading role in our industry in this space.

Through the Wedge platform, our mills can quickly resolve problems as they occur with fast and focused problem-solving tools. Ultimately, the benefits are seen in operational efficiencies, product quality and output but also in the employee experience.

"We are now building a network of connected mills across Europe, all using the same platform, that are able to communicate and problem solve together – we can bring expertise from right across the business, whilst reducing the burden of travel", says Guy Lacey, Next Generation Technology Director at DS Smith.

"Kemsley mill's experience with the Wedge system showcases how process experts adopted a data-driven working culture. This enabled significantly better utilisation of process data with current resources. We are proud to work alongside DS Smith and support their goal of an integrated and connected paper mill network", says Matti Häkkinen, SVP, Sales at Trimble.

– **PULPAPERnews.com**

Umason Paper to Set Up 39000 TPA Kraft Paper Plant in Gujarat

Umason Paper Private Limited will be setting up a 39000 TPA Kraft Paper Plant at a proposed site in Dhrangadhra, Gujarat. The company will manufacture varieties of 16-32 BF kraft papers in the range of 80 GSM to 200 GSM.

The paper machine's finished deckle size is 4000 mm and is designed to run at a speed of 300 MPM (machine operating speed is 210 MPM). The estimated cost of the project is INR 34.77 crore.

As informed to Paper Mart, Umason Paper has ordered the main machine section from D.M. Engineering – Ahmedabad, while Pressurized Headbox, Top & Bottom Wire section will be delivered by Vapi-based Micro Fab Industries. The pulp mill equipment will be provided by Parason Machinery India Private Limited. The vacuum & separator pumps and dryer section will be imported from China. The electrification work will be done by Elmech Engineering – Ahmedabad. The plant's erection and installation are under full swing and Umason Paper expects to go for commercial production before December 2021.

The raw material used for the production will be broken corrugated boxes, box waste cuttings, new corrugated cuttings and all other kinds of waste paper. Umason Paper will be procuring imported waste paper from the USA, China, Europe, UAE, Japan and Singapore.

Umason Paper has its major clientele in Ahmedabad, Morbi, Wankaner, Rajkot, Jamnagar, Surendranagar etc. The company has a strong marketing network and a good customer base as it is already dealing in papers.

The company was incorporated on October 6, 2020.

Mr. Bipinbhai Premjibhai Patel,
Mr. Kanaiyalal Thobhanbhai Patel,
Mr. Nayankumar Trikambhai Patel,
Mr. Bhaveshkumar Trikambhai Patel,
Mr. Dhavalkumar Pravinbhai Patel and
Mr. Mansukh Ambarambhai Patel are the respective promoters and directors.

– **Paper Mart**



Valmet will supply a semi-chemical pulp (SCP) line to Lee & Man Paper Manufacturing Ltd, Chongqing in China. The technology deliveries by Valmet will begin in 2022 and the start-up is planned for 2023.

The order is included in Valmet's orders received of the second quarter 2021.

"Our cooperation with Valmet has been good and we are convinced that the partnership and Valmet's technology will support our development," says Edmond Lee, CEO, Lee & Man.

"Lee & Man and Valmet have developed a good relationship as a result of the deliveries of many paper and tissue machines throughout the years. We are pleased that we have now also earned Lee & Man's trust in delivering a new semi-chemical pulp line to their mill in Chongqing. The new semi-chemical pulp line will fulfill Lee & Man's need for virgin fiber pulp for the production of packaging grades," says Fan Ze, Vice President, Capital Sales, Valmet, China."

The delivery includes the latest technology for semi-chemical pulp production and will provide excellent resource efficiency for Lee & Man. The technology provides possibilities to optimize pulp properties with low wood and energy consumption. The deliveries include Valmet Continuous Cooking, screening, refining and washing technologies.

– **Paper Mart**

Paper Excellence receives \$1.95 billion of financing commitments and reaffirms Domtar closing date

Paper Excellence have received a debt commitment letter from leading financial

institutions for the commitment of an aggregate of \$1.95 billion of financing. The \$1.95 billion in financing consists of a five-year senior secured asset-based revolving facility in the aggregate principal amount of \$400 million; a seven-year senior secured term loan facility in an aggregate principal amount of \$775 million; and a seven-year senior secured bridge facility in an aggregate principal amount of \$775 million.

The proceeds of this financing are expected to be used to consummate the acquisition of Domtar by Paper Excellence and other transactions contemplated by that acquisition. This may include an offer to purchase and/or solicitation of waivers of the change of control provisions with respect to the existing notes of Domtar and/or a change of control offer to purchase the existing notes of Domtar after the consummation of the acquisition, if necessary.

As previously announced on May 11, 2021, Paper Excellence and Domtar will enter into a strategic business combination under which the Paper Excellence group of companies will acquire all of the issued and outstanding shares of Domtar common stock for \$55.50 per share, in cash.

The transaction is still expected to close in the second half of this year, subject to Domtar shareholder approval, receipt of the required regulatory approvals and other customary closing conditions. Domtar has scheduled its virtually-held special meeting of stockholders on July 29, 2021, at 9:00 a.m. Eastern Time.

– **Papnews**

BUSINESS FESTIVAL OF PAPER INDUSTRY



a Hyve event

09-12|JANUARY 2022

India Expo Centre,
Greater Noida, Delhi- NCR, India

Paperex is the largest paper industry event in the world and it takes place in New Delhi, India.

It is a "A Unified Business Platform for Paper Industry" for new business opportunities, joint ventures, investments and technology transfer in paper and allied industries.

Paperex is always very well attended by large gathering of Paper Manufacturers to explore the New Technology., Machinery & Equipment and Raw Material for Paper & Board Manufacturing.

And the mass audience of Paper Traders, Printers, Publisher, Converter and Paper Packaging Companies to explore the variety of papers at the show



23-25 November 2022

Chennai Trade Centre, India

A sneak Preview:

- Meet 250+ exhibitors who will display latest products & services from 18 countries
- Learn new trends by attending technical conference by IARPM
- Network with industry leaders at "Global Paper Technology Supplier" pavilion
- Delegation program to host international buyers
- 5000+ trade visitors from 20+ countries including 142 paper mills across India
- Visit "Paper Manufacturer" networking pavilion
- Engage with the leaders at "Exclusive Paper Mills CEO/MD Conclave"

Business Connect Program

- **Market News & Views, a weekly e news alert program** covering Industry Updates , Launch of New Technologies , Partnership Opportunities , Industry Views, CSR activities
- **International Business Networking Program (IBNP) a monthly webinar** covering key industry across Indian as well as some neighboring countries including China, Taiwan, Bangladesh, etc
- **Open Seminars during the event**, a unique opportunity to have face to face interaction with industry leader and knowledge transfer



Contact Us



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Website: india.hyve.group, www.hyve.group

SOME LEADING COMPANIES AT THE EVENT

Anshika Polysurf Limited



The Group had a humble beginning in the year 1982 with manufacturing of Textile chemicals promoted under the brand name of 'VENUS'. In no time the brand earned trust & confidence of customers, thus becoming a reputed name in the chemical Industry. With time, the group diversified its product portfolio of Surfactants and Polymers by adding manufacturing units in the name of Venus Dye Chem, Anshika Polysurf and Arham Technochem.

Today all these manufacturing concerns operate under the flagship of the APL GROUP catering to Industries like Agrochemical, oil-field, textile, paints, construction, paper, personal care & pharmaceuticals. The core strength of the company is its focused R&D & flexibility in manufacturing set-up enabling innovation & delivering new molecules, performance enhancement of existing products and offering tailor made & reliable solutions to customers.

The 'APL GROUP' philosophy has always been "that people are the greatest asset of the organization" and believes in achieving excellence by proactively addressing customer needs with a strong team at work.

The vision and mission of the Management leadership is now all set to propel the company into the next level growth trajectory by way of upcoming new project expansions, product portfolio diversification and

backward integration. An ambitious growth plan is already in its execution stage and it is a strong belief of the management to nurture the existing talent, induct new talent & competence creating a strong & effective team instrumental in converting dreams to reality.

Key Competencies:

- Emulsion (micro, macro and multiple) technology
- Emulsion (micro, macro and multiple) technology
- Synthetic organic chemistry, Distillation technology
- Polymer Science & technology
- Crop protection technology
- Formulation knowledge and skills
- Application knowledge and skills
- Polymeric surfactants for emulsion polymerisation and paint applications
- Surface Chemistry expertise
- Technical support and after sales service
-



SU-Tantra Equipments Pvt. Ltd.



The founder of company **Mr. JACKSON FERNANDEZ** has started the company with 20 years plus experience in Pulp & Paper Industry.

SU-TANTRA always try to come with new innovative ideas & design of products in order to improve efficiency of machineries for our customers. We promote ourselves as we have developed numerous solutions in screening with new concepts.

SU-TANTRA is professional manufacturer of pulp and paper machinery, which engaged in research & development, design & manufacture along with experienced engineers and technicians. Considering the market orientation and requirement **SU-TANTRA** is specialized in complete screening, pulping & refining equipments. **SU-TANTRA** has professional team for design, testing manufacturing, installation & marketing.

N.K.R. Engineers Pvt Ltd



NKR Engineers
Private Limited
ISO 9001:2015 Certified Company

N.K.Group (N.K.Enterprise & N.K.R.Engineers Pvt. Ltd.) was founded by engineers & technicians in the year 1997.

The founder members had a vast experience of working in reputed large & medium paper mills and paper mills machinery manufacturers at key positions. In order to provide a strong backbone to already growing group, today the group is well equipped to face technical need and is destined to be a dominant name in the industry. He has a strong technical background and is looking after technical activities viz production, designing and inspection. His huge experience of more than 27 years in the industry is an asset to our organization.

We manufacture machinery as per high quality standards and we don't compromise on material used and standard manufacturing process. This results in best – finished paper quality and high production rate with minimum maintenance and production cost. Process Facilities

- o Hydraulic Press upto 1500 tons capacity & bending machines suitable for 5000mm face and thickness 80mm for making MG cylinder upto 16 diameter & dryers upto 5000 mm face. A special grade casting foundry upto 1.5 tons capacity.
- o Manufacturing of press rolls with shrink fitted gudgeons & journals upto 1200 mm diameters & 5000 mm face suited for a linear load of 200 kg/cm
- o Besides casting & bending, inhouse total machining & welding (Electric & Argon Arc)

- o Facility for all offered products
- o Inhouse dynamic balancing machine suitable for all products
- o We work on 3D Drawing for all items 180+ successfully supply and installations of its equipment in Asian & African Countries Plant & Facility
- o Plant area – 100000 sqft
- o Built up area – 80000 sqft
- o Lathe machines with automation for manufacturing high precision Press rolls, felt rolls and dryers. Precision Equipment Installed for Manufacturing Paper Plants
- o TOS make CNC Boring Machine
- o TOS make automatic VTL Machine
- o CNC Plasma Cutting Machine
- o Automatic Plano Miller Machine
- o Automatic Welding Machines
- o Hydraulic Press Capacity – upto 1500 Ton
- o Bending Machine Capacity – upto 80mm thickness & 5mt width
- o Automatic CNC Cutting Machine -4.8 Mt x 12.5mt x 100 mm thickness
- o MIG Welding Machine



SOME GLOBAL LEADERS OF PAPER INDUSTRY



SOME GLOBAL LEADERS FOR PAPER INDUSTRY



...and many more

SOME LEADING EXHIBITORS



...and many more

Thank You

COMBATING
COVID-19

Basic
Protective
Measures



USE FACE MASK



CLEAN AND DISINFECT



WASH YOUR HANDS
FREQUENTLY



KEEP DISTANCE
FROM OTHERS



AVOID TOUCHING
EYES, NOSE OR MOUTH



STAY AT HOME
WHEN YOU ARE SICK