



## **Indian Construction Equipment Manufacturers' Association**

### **Activity Report 2015-17**

At the last Annual General Meeting held on July 10, 2015, Mr. Anand Sundaresan, Vice Chairman & Managing Director, Schwing Stetter India Pvt Ltd. was elected as President, ICEMA for a two-year term. Mr. Arvind Garg, Vice President & Head, Construction & Mining Machinery Business, Larsen & Toubro Ltd was elected as the Vice President for the year 2015-17.

During the period 2015-17, following Panels were constituted with the objectives to deal with specific areas of work:

- Industry-Government Interface Panel
- Technical Panel
- Market Data & Statistics Panel
- Membership & Welfare Panel
- Promotion Panel
- Conference Panel
- Budget & Taxation Panel
- Finance Panel

These panels have been very active during the year 2015-17 in their respective work areas.

## **Industry - Government Interface Panel**

The Panel mainly focused on policy related issues of the Government. Industry issues were taken up with the various Government departments from time to time.

ICEMA is constantly in touch with Department of Heavy Industry, Ministry of Road Transport and Highways and other key Government Departments to discuss and represent the key issues of concern of the industry.

ICEMA had a series of meetings with Secretary, Joint Secretaries and senior officials of Department of Heavy Industry on a regular basis to take up the issues of concern of the industry. Industry Government Interface Panel also reviewed the tariff related issues of industry from time to time and took up the same with the Government Department concerned. The Panel coordinated with the Budget & Taxation Panel in formulating Industry recommendations for the Union Budget and submitted the same to the Government. Pre-budget memorandum was submitted for the Union Budget 2016-17 and 2017-18.

Senior members of ICEMA had several meetings with the Secretary, Department of Heavy Industry and taken up industry's concern on higher GST rate. The meeting was followed by a detailed discussion session with Mr. A K Panda, Economic Adviser, DHI. Industry was assured that DHI would take the matter strongly with the Ministry of Finance / GST Council.

The Government Interface Panel convened by Mr. Arvind Garg has been proactively taking up issues with Government which has resulted in fostering a growing recognition for ICEMA within relevant Government Departments.

A team of 10 senior members of ICEMA attended the Development Council Meeting for earthmoving & construction equipment industry held on 25<sup>th</sup> January 2017 at Bangalore. Key issues of the industry were taken up at this meeting.

## **Technical Panel**

Under the leadership of Mr. K Vijay Convener and Mr. Saurabh Dalela, Co-Convener of the Technical Panel, a lot of initiatives have been taken up by this Panel.

The major initiatives of the Panel were to have close interaction with the Department of Heavy Industry and other concerned organizations for setting up an independent Test and Certification Centre for the construction equipment industry. In this connection, A 3-member ICEMA delegation led by Mr. Saurabh Dalela, Co-convener, Technical Panel visited Japan in November 2016 to see the facilities in the JCMA's test centre. The visit was coordinated by Japan Construction Equipment Manufacturers' Association (CEMA). The delegation also had a meeting with the officials of CEMA and Ministry of Economy, Trade & Industry, Japan to discuss on areas of cooperation between India and Japan on technical matter and setting up test centre in India.

ICEMA and DHI jointly are in the process of preparing a draft regulatory framework / Act for the Construction, Earthmoving, Material handling and Mining Equipment (CEMM) (for Off-Highway equipment). CEMM Equipment Act brings in complete Governance to take the entire set of CEMM products to a new level thereby benefiting the customers in terms of Health, Safety, Operator Comfort and Environmental Friendliness and also providing the industry a very healthy platform for equal footing competition. It would help India to become a global player in terms of CEMM Products being at par to Europe and USA in the next 10 years.

DHI engaged M/s PLR Chambers (a law Firm) for doing the draft legislation for the CEMM Equipment Act. First Draft was released on in May 2016 and two rounds of fruitful discussions have been done between ICEMA and PLR under the support and supervision of DHI. ICEMA has submitted its views and comments on the second

draft prepared by PLR. On the basis of inputs received from ICEMA, the final draft was put on DHI's website asking for comments and views from all stakeholders. ICEMA also submitted its final comments and suggestions and requested DHI to incorporate the same in the CEMM Equipment Bill.

The Panel has submitted its proposal to the Government for the next stage of emission norms Stage IV which is expected to come in force in 2020-21. In this regard, the Ministry of Road Transport & Highways needs to issue a notification giving details on the timeline for next stage of emission norms. ICEMA has been pursuing with the Ministry on a regular basis and requesting them to issue the Notification at the earliest. This would enable the industry to get themselves prepared in advance.

ICEMA Technical Panel has been interacting with Ministry of Road Transport & Highways regarding registration of various categories of equipment under [e-Vahan](#) implementation. ICEMA, in collaboration with National Informatics Centre (NIC) with the support of Ministry of Road Transport & Highways has conducted a training workshop on 16<sup>th</sup> March 2016 for ICEMA members on the procedures to be followed by equipment manufacturers for registration of PIN under e-Vahan.

ICEMA's recommendation for exclusion of speedometer for construction equipment vehicles operating at maximum speed less than 30 kmph has been accepted by the Government.

Technical Panel had taken the lead role to take up the matter on denial of CEV registration in view of Supreme Court Order. The Panel had a series of meetings with senior officials of various Government Departments. Finally, the matter was sorted out after ICEMA took up the matter in the Supreme Court and submitted petition engaging a very senior advocate. Supreme Court issued an order clarifying exclusion of CEVs in its previous order.

## **Market Data & Statistics Panel**

The Panel worked closely with the members on a regular basis for collecting sales data. Monthly and quarterly industry updates are being released regularly. The Market Data & Statistics Panel convened by Mr. Vivek Anand had created a more meaningful reporting format which has been successful to a very large extent to demonstrate to members the importance & relevance of data sharing which helps the industry as a whole.

All the members are now posting their monthly sales data to the website. The quality of monthly and quarterly industry updates released by ICEMA has been substantially improved. All the members (OEMs) are providing data through online.

The Panel also proposes to add a few more categories of equipment for which ICEMA could collect the sales data, provided that the data is shared by minimum 3 manufacturers.

## **Membership Panel**

During the period from April 2015 till now, following companies have taken up membership with ICEMA:

- (a) Apollo Infratech Pvt Ltd.
- (b) Bull Machines Pvt Ltd.
- (c) Linnoff India Pvt Ltd.
- (d) Marini Indian Pvt Ltd.
- (e) Propel Industries Pvt Ltd.
- (f) Scania Commercial Vehicles India Pvt Ltd.
- (g) Simem Construction and Environmental Engineering Pvt Ltd.
- (h) Berco Undercarriages India Pvt Ltd
- (i) Cummins India Ltd.

- (j) Graziano Transmission India Pvt Ltd.
- (k) Yanmar India Pvt Ltd.
- (l) Action Construction Equipment Ltd.

The total membership strength is now 63 which include 46 Primary Members and 17 Associate Members.

Membership Panel headed by Mr. V G Sakthikumar made substantial efforts in expanding membership strength of the association.

The Panel is in the process of revising the membership criteria of the association based on the inputs received from the members.

### **Promotion Panel**

The Promotion Panel brought out the new brochure of ICEMA which gives detailed information of the product range of member companies. The brochures were displayed at the EXCON 2015 exhibition and at Bauma Munich 2016. The Panel also worked on revising the promotional posters of ICEMA for displaying the same in various exhibitions.

The Panel engaged a new agency (Nispaara Solutions, Bangalore) for redesigning the website in order to make it more attractive and users' friendly. The new website would have a new look and provide all the information with regard to ICEMA activities, focus areas, industry data, technology, etc.

The promotion panel during the year 2015-17, organized visits of ICEMA delegation to Bauma Munich 2016 (Munich) and CONEXPO (Las Vegas). ICEMA stall was booked at Bauma Munich 2016 and Bauma China 2016. The aims and objectives of participation in international exhibitions were to promote Indian construction equipment industry.

## **Conference Panel**

Conference Panel under the convenorship of Mr. D K Vyas coordinated the major conferences organized by ICEMA from time to time at various locations. During the course of last two years, following major conferences were organized:

### **(a) Conference on Rebooting Infrastructure:**

Coinciding with EXCON 2015, a two-day Conference on 'Rebooting Infrastructure' was organised on 26-27 November at Bangalore. The Theme for the Conference was 'Build India for a Better Tomorrow'. The Conference mainly focussed on the key infrastructure projects in the country, present trends and implementation status of the projects, Policy initiatives of the Government to kick start stalled projects, skill & manpower training, advancement in technology, role of banks & financial institutions for equipment financing and leasing, etc.

The conference was inaugurated by Mr. Atul Chaturvedi, Joint Secretary, Department of Industrial Policy & Promotion, Ministry of Commerce and Industry, Government of India. Conference had five Panel Discussion Sessions which included Transportation Infrastructure (focusing on Road Sector), Smart City Projects, Skill Development, Equipment Financing & Leasing and Components/Aggregate industry. Distinguished speakers/panellists from Government and industry took part in the panel discussions at these sessions. The conference was attended by over 275 participants. Feedback Consulting was nominated as the Knowledge Partner for ICEMA and a Report on Rebooting of Indian Infrastructure-Indian Construction Equipment Industry Vision 2020 was released during the Conference.

**(b) Conference on Infra Redux:**

ICEMA organized a Conference on Infra Redux - New & Sustainable Horizons on 13<sup>th</sup> December 2016 at Huda Ground, Gurgaon. The Conference was organized concurrently with Bauma Conexpo India 2016 which took place at the same venue from 12<sup>th</sup> to 15<sup>th</sup> December 2016. The Theme for the Conference was (a) Reviving Infrastructure – New Paradigms (b) Rural Infra – Bringing Bharat Closer to India, and (c) Holistic Equipment Solutions – current need of the hour for infra growth.

The deliberations of the conference focused on revival and growth trends of various segments of infrastructure projects in India, implementation status of ongoing and planned projects, policy initiatives of the Government to kick start stalled projects, skill & manpower training, role of banks & financial institutions for equipment financing & leasing, etc.

The conference was inaugurated by Mr. V L Patankar, Director, Indian Academy of Highway Engineers & Former Director General (Roads) & Special Secretary, Ministry of Road Transport & Highways, Government of India. Mr. Patankar, in his inaugural address, reminded the audience that the past two decades have witnessed heightened pace of road and highway construction in the country. To further push the pace of road building, the government has envisaged investments of \$385 bn for infra sector by 2019 and also the infrastructure spending is expected to grow from 7.2 per cent in 2012 to 9 per cent in 2017. This is likely to spur demand for construction equipment and if the industry's full potential is exploited, the total turnover of the industry could reach around \$7 bn by 2020.

Elaborating further, he said that road construction accelerated to an all-time high pace of 20 km per day and further expected to achieve 28 km per day by the

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end of the second quarter of 2017. The pace of development is expected to pick up further with the MoRTH setting higher road building targets for the coming fiscal. MoRTH's thrust areas also include up-gradation of 50,000 km of state highways into national highways and rolling out of 85% of the stuck projects involving investment of \$15 bn, Allocation to the Pradhan Mantri Gram Sadak Yojana has been increased substantially by 26% to \$2.9 bn aiding and speeding the execution of rural road projects.

During EXCON 2017, the Conference Panel would organize a two-day Conference in December 2017. The Panel is at present in the process of working out the conference title, theme and topics of various sessions of the conference.

### **Budget & Taxation Panel**

The Panel convened by Mr. Vikram Sharma had a series of meetings to review the points and suggestions received from member companies with regard to recommendations for the Union Budget 2016-17 and 2017-18. The Panel prepared the draft ICEMA pre-budget memorandum and submitted the same to Industry – Government Interface Panel. The memorandum was finally cleared by the Governing Council for submitting the same to the Government.

Budget & Taxation Panel has been engaged in reviewing the tariff related issues and suggesting industry view points and recommendations.

The Panel also interacted with the Department of Heavy Industry and requested for taking up its Pre-Budget Memorandum with the Ministry of Finance.

### **Finance Panel**

Finance Panel has been reconstituted. Mr. T R Bharathan is the Convener of the panel. The Panel is in the process of drawing up work plan and the focus areas for the next one year.

## **Infrastructure Equipment Skill Council (IESC)**

Infrastructure Equipment Skill Council has developed a total of 33 job roles covering 80% of the industry's workforce at NSQF Levels 3 and 4. Further has accredited 48 Training Partners; majority being OEMs and OEM supported centres; empanelled close to 200 certified Trainers from the industry and trained approx. 3000 operators and mechanics. MOUs have been signed with various states Skill Development Missions & corporations like Kerala, Andhra Pradesh, Uttarakhand and Gujarat. Similar proposals with Rajasthan and Assam are in the pipeline. Following the MOU with NHIDCL, IESC has successfully completed the first round of programs to skill personnel being employed at various road construction project sites in the North East.

Initiatives for skill development of personnel in Organisations like CIL, MOIL, NHIDCL and Indian Army have reached the stage of delivery. Programs with AICTE affiliated colleges have already commenced. The Council is working closely with Rise India/Auto Sector & Logistic SSC's for creating Centers of Excellence.

The IESC has actively participated in various exhibitions around the country such as the BC India at Gurugram in December 2016; followed by the Con Mac at Guwahati in March 2017. The Council was also part of the Indo-Global Skill Summit Events held in July 2017 recently in Hyderabad, Chennai and Bengaluru. The Construction Times a leading media magazine has recognised the commendable efforts of IESC by instituting awards for various skilling activities under the aegis of IESC.

## **Interaction with Border Roads Organization**

ICEMA members had an interactive session with Border Roads Organization (BRO) on 26<sup>th</sup> November 2015 at Bangalore. Brig R K Singh, Dy Director General and senior officials of BRO attended the meeting. The presentation made by BRO at the

meeting gives detailed information about their various road projects, requirement of equipment and procurement policy.

It was decided that ICEMA would jointly work with BRO for developing specific requirement of equipment for the road projects undertaken by BRO. ICEMA and BRO would also work on conducting training of operators.

As a follow up action of this meeting, ICEMA members had a meeting with Brig R K Singh and senior officials of BRO on 7<sup>th</sup> January 2016 at Border Roads Organization, New Delhi. A 10-member ICEMA delegation led by Mr. K Vijay, Convener, Technical Panel, ICEMA attended the meeting.

During the deliberations, following points were discussed / clarified:

- BRO to procure Rs 800 Crores worth of equipment per year for next 4 years.
- BRO signed MoUs with select companies such as Tata Motors, Ashok Leyland, Tata Hitachi & Bosch. Some of the terms and conditions of MoUs cover:
  - Procurement of equipment at a discounted price
  - Companies need to provide the spare parts for the machines for two years as per the AMC.
  - Spare parts should be available and supplied on site by OEMs.
  - Equipment to be tested for trials before entering into any business with BRO
  - Landed price of the equipment to be considered by BRO.
- Training and skilling of operators for construction equipment. IESC was advised to get in touch with concerned officials of BRO.
- To determine the Life-cycle cost and quality of equipment, ICEMA was requested to devise a template in consultation with BRO. Template needs to be prepared on elements to be covered on life-cycle costs.

- Future tender enquiry may include equipment cost including spares for 2-3 years operation.
- Specific requirement of equipment to work in difficult terrain (high altitude and low temperature) should have following criteria:
  - Equipment with Turbo chargers
  - Verified Air-conditioner
  - Compact equipment-easy to transport
  - Hydraulic system
- Technical specification of all the machinery is reviewed and vetted by the DG-BRO.

Brig R K Singh requested ICEMA members to interact with him and his officials on a regular basis on procurement of specific equipment for BRO road projects.

Details on a long-term equipment procurement plan of BRO for the period 2014-15 to 2018-19 were handed over to the members of ICEMA delegation.

### **ICE Industry Report: Released by ICEMA at EXCON 2015**

A Vision 2020 report outlining the state of the Indian Construction Equipment (ICE) industry was released here today by Shri Nitin Gadkari, Union Minister of Road Transport, Highways and Shipping. The report sets out the current demand and forecast for the industry till 2020 with projected market size for major equipment. It analyses the critical issues faced by the industry and suggests a way forward on critical issues.

The key highlights include the following:

- After four years of decline, the ICE industry is finally seeing some signs of growth in 2015-16. Its current size is USD 2.8 billion and is expected to grow to USD 5 billion by 2019-20. The After Sales Spares market is about USD 800 million and is a major source of income and employment opportunity for SSI manufacturers and service providers.

- The recent progress in highway road building activity and coal mining auction augurs well for the future.
- There is cautious optimism that by 2018-19, the industry will get back to an output level of 70,000 units that was achieved in 2011-12. The overcapacity built in earlier boom years is expected to be utilised before fresh investments are made.
- Backhoe Loaders and Hydraulic excavators continue to dominate the Indian market accounting for over half the market.
- Customer practices to use better technology equipment is changing, albeit slowly.
- There are positive signs of adopting global practices with respect to equipment renting and leasing.
- Direct employment in the sector is about 1 million. The sector impact on allied livelihoods and families is over 10 million.
- There are proposals for ICE to be recognised as a separate category with testing and certification standards.
- There is scope for the government to play an enabling role for the industry to grow. Clearing the GST and Land bills and creating a separate regulatory framework and legislation specifically for off-highway equipment are of utmost priority.
- The report has been prepared by Feedback Business Consulting and it has detailed information on construction activity/norms across segments, investments in the sector, impact of government policy, key growth drivers, industry challenges, demand projection by user segments, export potential and recommendations for development of the ICE industry.
- Feedback Business Consulting - the Knowledge Partner of ICEMA would update this report on quarterly basis. The update for the period January – March 2016 was presented at the General Body Meeting of ICEMA held on 20<sup>th</sup> May 2016.

The report is being updated on quarterly basis. Quarterly reports are being presented by Feedback Business Consulting at the General Body Meetings of ICEMA.

### **ICEMA's Participation in Municipalika 2015**

A 3-day International Conference & Exhibition on Sustainable Habitat & Smart Cities was held during 9-11 December 2015 at Jaipur. The event focused on construction, architecture, planning & engineering with regard to urban infrastructure development and smart city projects. ICEMA was one of the supporting partners for this event. The event was inaugurated by the Chief Minister of Rajasthan.

ICEMA took part in the concurrent exhibition. Mr. Anand Sundaresan, President, ICEMA chaired a Technical Session on Modern Construction systems, practices and technologies on day 2 of the event. He also made a presentation on the subject during the Session.

### **Meeting with CCMA**

ICEMA members had a meeting with senior members of China Construction Machinery Association (CCMA) on 26<sup>th</sup> November 2015 at Bangalore. CCMA was represented by Mr. Zimeng SU, Vice Chairman & Secretary General, Mr. Weidong ZHOU, Vice Chairman of China Council For The Promotion Of International Trade Machinery Sub-Council (CCPIT-MSC); Mr. Yunsheng LI, Deputy Director of International Exhibition Department, CCMA; Mr. Anthony CHEN, Project Manager, CCPIT-MSC; Ms. Zhenzi Yang, Project Assistant, CCPIT-MSC.

The meeting mainly discussed on the possible areas of cooperation between the two associations by sharing of information and joint initiatives on specific areas. CCMA shared with ICEMA on their initiatives to speed up and scale up training of operators. It was mentioned that they have only 40 dedicated training centers from where all the operators and mechanics are trained.

CCMA also mentioned about their organization set up and various committees / panels to work on specific areas of activities.

It was agreed that both the associations would continue to interact on a regular basis and cooperate each other on specific areas for mutual benefits.

### **Meeting with CEMA**

ICEMA Technical Panel had a meeting with Mr. Tadashi Sasaki, Manager – International and Mr. Shigehiro Hara, Manager Engineering, Japan Construction Equipment Manufacturers' Association (CEMA) on 27<sup>th</sup> November 2015 at EXCON. The meeting was chaired by Mr. Arvind Garg, Vice President, ICEMA. The meeting mainly deliberated on the possible areas of cooperation between the two organizations with regard to exchange of information on technical matters, CMVR Rules, standards, legislation, etc.

As a follow up action of this meeting, ICEMA and CEMA will have a meeting on 11<sup>th</sup> April 2016 at Bauma Munich 2016 to further discuss on technical matters and possible areas of cooperation between the two associations on technical related matter.

### **Seminar on Construction Equipment & Technology**

Coinciding with Make in India Week held in Mumbai from 13<sup>th</sup> to 18<sup>th</sup> February 2016, a Seminar on Construction Equipment & Technology was organised on 17<sup>th</sup> February at MMRDA Ground, Mumbai. The Seminar mainly covered the overviews of Indian construction equipment industry, opportunities to Make in India initiatives, construction equipment market in India and construction technology.

The seminar was inaugurated by Dr. Rajan S Katoch, Secretary, Department of Heavy Industry, Government of India.

On behalf of ICEMA, Mr. Anand Sundaresan, President made a presentation on overview of Indian Construction Equipment Industry and outlook for the future at the Inaugural Session of the Seminar. Mr. Arvind Garg, Vice President, ICEMA made a presentation on Construction Equipment Market in India and Strategic Advantage. Mr. Vishwajit Sahay, Joint Secretary, Department of Heavy Industry spoke about DHI – ICEMA's joint initiatives in setting up an independent test centre for construction equipment industry and creating CEMM Equipment Act / Regulatory framework for off-highway equipment.

Mr. Suhan Mukherjee of PLR Chambers made a detailed presentation on the key feature of the proposed CEMM Equipment Act.

### **Visit of ICEMA delegation to Bauma Munich 2016**

A 56-member ICEMA delegation led by Mr. Anand Sundaresan, President, ICEMA visited Bauma 2016, Munich from 11<sup>th</sup> to 14<sup>th</sup> April. Messe Munchen organised a formal Welcome Reception to the members of ICEMA delegation on 12<sup>th</sup> April 2016. Senior officials of Messe Munchen were present at the reception. A presentation was made by Messe Munchen highlighting the key features of Bauma and the overwhelming response of visitors from all over the world. Over 100,000 visitors registered every day at Bauma.

ICEMA took part actively in the India Symposium organised by German Machinery Manufacturers Association (VDMA) in collaboration with ICEMA. President, ICEMA made a detailed presentation on the overview of Indian Construction Equipment Industry and Emerging Market for construction equipment. The presentations kicked start the deliberations of the India Symposium which was followed by a Panel Discussion on doing business successfully in India.

Mr. Rajesh Nath, Managing Director, VDMA India moderated the Panel Discussion. India day symposium ranked 3<sup>rd</sup> among the most visited 10 events at the bauma forum. Over 100 people attended the Symposium.

5-member ICEMA team led by Mr. Anand Sundaresan had a meeting with senior members of CEMA on 13<sup>th</sup> April and discussed in detail the possible areas of

cooperation between the two associations. The meeting mainly discussed on the technical matters and the regulations of both the countries. ICEMA briefed on the major initiatives of the association in setting up test centre and developing regulatory framework / CEMM Equipment Act for off-highway equipment. CEMA agreed to provide details on Japan's regulations, standards, test centres and training facilities. It was agreed that ICEMA team would visit Japan's test centre and see the facilities available for various tests, which would help in identifying the specific facilities which could be incorporated in Test Centre in India. Both the associations agreed to continue their interaction on a regular basis and the next interaction would take place in India during bC India Expo in December 2016.

ICEMA had also a meeting with senior officials of CECE and UNACEA and discussed on various matters relating to regulatory framework and standards followed in European countries and India. It was informed that each country in Europe has different regulations and rules. Most leading equipment manufacturers have their own test and certification centre. They also do operators' training in house with their own facilities. It was mentioned at the meeting that India's regulatory matters, next stage of emission norms, test centre, CEMM Equipment Act, standards, etc. were well presented by Mr. Saurabh Dalela, Co-convener, Technical Panel, ICEMA at the JTLM meeting held on 7-8 April at Augsburg, Germany. It was also mentioned that a test centre with Government funding would be set up in India which will be used by ICEMA members for testing, certification and development purposes. ICEMA enquired whether CECE could help in identifying renowned consultant based in Europe who could help in executing the project in India. It was informed that most test centres in Europe are managed by individual company and these are mainly in-house test centres.

ICEMA team led by Mr. Anand Sundaresan attended the International Associations Council (IAC) meeting on 14<sup>th</sup> April at Bauma. Representatives from all the Associations CEMA, KOCEMA, AEM, CECE and CCMA also took part in the meeting. All the associations presented their major initiatives with regard to engine emission, CO<sub>2</sub>, standards, trade policies, etc. Also discussed, on the construction equipment market scenario worldwide and future trends. McKinsey has conducted

survey on construction equipment and brought out a report on Europe construction equipment industry and outlook. Next IAC meeting will be held in March 2017 during Conexpo at Las Vegas, USA.

## **ICEMA's Participation in Concrete Show India 2017**

**Concrete Show India 2017** - one of the largest exhibition-cum-Conferences focusing on latest innovation in machinery, equipment, was held during 4-6 May 2017 at Bombay Exhibition Centre, Goregaon, Mumbai. The exhibition was organized by UBM India Pvt. Ltd - a part of UBM group - a leading international trade fair organiser.

The format of Concrete Show India 2017 was designed to offer the best networking and business opportunities. The event provided an interactive platform for equipment manufacturers, technology suppliers and end users.

ICEMA took part in the exhibition as Sector Partner.

ICEMA also make a presentation on Indian Construction equipment industry and market for concreting equipment at the concurrent Seminar.

## **ConMac 2017 and ICEMA Conference**

2<sup>nd</sup> ConMac - the exhibition of Construction Equipment & Technology was held in Guwahati during 2-4 March 2017. ICEMA was the Sector Partner in ConMac. The exhibition was inaugurated by the Hon'ble Chief Minister of Assam Shri Sardananda Sonowal.

Coinciding with ConMac 2017, Indian Construction Equipment's Manufacturers' Association (ICEMA), in collaboration with Confederation of Indian Industry (CII)

organised a conference on Infrastructure Development in the North-East Region on 3<sup>rd</sup> March 2017 at Guwahati.

Speaking at the inaugural session, Shri Rajen Gohain, Hon'ble Minister of State for Railways, Government of India said "India Railways have big plans for the North East. Several new projects amounting to about Rs 13,500 crores have been sanctioned in this year's budget including new lines, bridges and an elevated rail tract project from Kamakhya to New Guwahati at a cost of Rs. 3,062 crores. These would not only boost the infrastructure of this region but would also generate employment for the youth through several spinoff industries." He further shared that a bottled drinking water plant under the Rail Neer brand at Jagiroad in Assam and a high-end North-East Safari Train is envisaged.

Mr C K Das, Member, North East Council (NEC) highlighted the infrastructural gaps compared to other regions of the country and spoke about the initiative of NEC for infrastructure development in the region.

North East Frontier Railway identified the critical projects of NF Railways in the region and informed that the progress over the last few years has been satisfactory, highlighted Mr H K Jaggi, General Manager (Construction), NF Railway.

Dr S S Porwal, VSM, Additional Director General, Border Roads Organization spoke on the infrastructure Creation in NE Region and the relevance of equipment management. "With 6 months project implementation window in the region, an efficient management system would result in high level of performance and greater confidence in the reliability of results" mentioned.

Col Ajay Ahluwalia, Executive Director (Projects), National Highways & Infrastructure Development Corporation Ltd (NHIDCL) informed that his organisation was instrumental in creating and managing infrastructure of the highest standard in the

country with focus on the North East and Border areas. He shared that NHIDCL would set up a North East Regional Office at Guwahati.

Mr Arvind K Garg, Chairman, ConMac 2017 & Vice President, ICEMA said that this edition of ConMac has successfully created a platform for understanding the region's infrastructural requirements, addressing buyers' needs, exchanging ideas and facilitating business to business interactions and meetings. He also mentioned that the deliberations of the conference provided good opportunity to all concerned for creating infrastructure needs in the region and supply of equipment to the Infrastructure projects. Around 250 delegates were in attendance at this conference.

### **Report on Infrastructure Development in North East India**

A report on Infrastructure Development in North East India prepared by ICEMA with the support of Feedback Business Consulting was released by Shri Saradananda Sonowal, Hon'ble Chief Minister of Assam at the Inaugural Ceremony of ConMac 2017 at Guwahati.

The report mainly covers the growth prospects for overall infrastructure development in the region and role of Government agencies for execution of various infrastructure projects such as roads & highways, rural roads, development of industrial estates in select states. A 4-member ICEMA team along with key representatives of Feedback Business Consulting were actively involved in getting all the required information from the Government and concerned stakeholders for bringing out this report.

## **Visit of ICEMA Delegation to CONEXPO, Las Vegas**

A 15-member ICEMA delegation led by Mr. Anand Sundaresan, President visited CONEXPO-CON/AGG 2017, Las Vegas USA from 7<sup>th</sup> to 11<sup>th</sup> March 2017. The exhibition showcased the latest innovations, technologies, equipment, products and services pertaining to the construction equipment industry. Over 2000 exhibitors from all over the world took part in the expo to showcase their equipment and latest technology. The event was organised by Association of Equipment Manufacturers, USA.

During the visit, ICEMA delegation had a meeting with senior officials of Association of Equipment Manufacturers to discuss on possible areas of cooperation between the two associations for mutual benefits.

## **Round table on Indian Construction Equipment Industry at CONEXPO 2017**

Members of the ICEMA delegation attended a Round table on India on 9<sup>th</sup> March organized by Association of Equipment Manufacturers, USA. The roundtable mainly highlighted the capacity and capabilities of Indian construction equipment Industry, growth trends, outlook and opportunities. The forum also deliberated on the emerging market of construction equipment in India and infrastructure development in the country.

Mr. Anand Sundaresan, President, ICEMA made a detailed presentation on Indian Construction industry, present growth trends and future prospects. Mr. David Philips, Managing Director, Off-Highway Research also made a brief presentation on Indian construction equipment industry.

## **ICEMA's Participation in International Associations Committee Meeting**

A 6-member ICEMA team led by Mr Anand Sundaresan, President attended the International Associations Committee (IAC) Meeting held on 9<sup>th</sup> March 2017 at CONEXPO, Las Vegas. Representatives from CEMA (Japan Construction Equipment Manufacturers' Association), AEM (Association of Equipment Manufacturers, USA), CCMA (Chinese Construction Equipment Manufacturers Association) and CECE (European Construction Equipment Manufacturers Association) attended the meeting.

The meeting mainly deliberated on the demand projection scenario of construction equipment during 2017 and 2018, present growth trends, emissions & safety issues and informational sharing.

It was decided at the meeting that each association would share specific information on their respective countries with regard to ECE Industry's growth prospects, policy initiatives of the Government.

The next IAC meeting will be held in March 2018 at INTERMAT, Paris.

## **JTLM Meetings, Germany and USA**

ICEMA, for the first time represented at the Joint Technical Liaison Meeting (JTLM) held on 7-8 April 2016 at Augsburg, Germany. Mr. Saurabh Dalela, Co-Convener, Technical Panel, ICEMA attended the meeting and made a detailed presentation highlighting the regulations and developing a new Act - the CEMM Equipment Act which would lay down all the safety, emission, skill set, etc. norms for the entire range of construction, earthmoving, material handling and mining machinery. He requested the representatives of Global counterpart associations to provide detailed information on the best work practices, regulatory mechanism and respective list of machines of list of applicable standards.

Mr. Dalela also mentioned on developing a test center which will be funded by the Government and will be used by ICEMA members for testing, certification and development purposes. This resource will be used as a commercially available test facility pool to be shared by all our members for their development works in India. ICEMA would look for inputs and support from global counterpart associations to work out its ingredients. Also suggestions were requested for the recommendation for some international players who can jointly work with ICEMA as consultants and help us / Government to execute this project.

Coinciding with CONEXPO 2017, Joint Technical Liaison Meeting (JTLM) was held during 12-14 March 2017 at Las Vegas, USA. Mr. K Karthik, Member, ICEMA Technical Panel attended the meeting and made a detailed presentation highlighting the regulations and developing CEMM Equipment Act. Representatives from other associations also briefed on regulatory framework, best practices, emission norms, standards, etc. of their respective countries. Mr. Karthik also spoke about setting up a test centre in India which would be used by members of ICEMA for testing, certification and development process.

## **ICEMA Members**

*(as on July 2017)*

Action Construction Equipment Ltd.
Ajax Fiori Engineering(I) Pvt Ltd
AKG India Pvt Ltd
Ammann Apollo India Pvt Limited
Apollo Infratech Pvt. Ltd
Aquarius Engineers Pvt. Ltd.
Atlas Copco (India) Ltd
Berco Undercarriages (India) Pvt Ltd
Bharat Earth Movers Limited
Balkrishna Industries Limited (BKT)
Bonfiglioli Transmission Pvt. Ltd.
Bull Machines Pvt Ltd
Carraro India Pvt Ltd
Case New Holland Construction Equipment India Pvt. Ltd
Caterpillar India Pvt Limited
Cummins India Ltd

Doosan Infracore Construction Equipment
Eaton Corporation
Eimco Elecon (India) Ltd
Escorts Construction Equipment Limited
Gates India Pvt Ltd
Gmmco Limited
Graziano Transmissioni India Pvt Ltd
Herrenknecht India Private Limited
Hyundai Construction Equipment
ICICI Bank
JCB India Limited
Kobelco Construction Equipment Pvt Ltd
Kobelco cranes
Komatsu India Pvt. Ltd.
Kotak Mahindra Bank Ltd
L&T Finance Limited
Larsen & Toubro Limited
LeeBoy India Construction Equipment Private Limited
Linnhoff India Pvt Ltd
Liugong India Pvt Ltd
Mahindra & Mahindra
Marini India Pvt Ltd
Metso India Pvt. Ltd.
MTU India Private Limited
Nakoda Machinery Pvt Ltd.
Potain India Pvt Ltd.
Propel Industries Private Limited
Putzmeister Concrete Machines Pvt Ltd
Puzzolana Machinery Fabricator
Sandvik Asia
Sany Heavy Industry India Pvt Ltd
Scania Commercial Vehicles India Pvt. Ltd
Schwing Stetter India Pvt Ltd
Simem Construction and Environmental Engineering Pvt.Ltd
SREI Equipment Finance Pvt Limited
Tadano India Pvt Ltd
Tata Capital Limited
Tata Hitachi Construction Machinery Company Private Limited
Terex India Private Limited
TIL LTD
Universal Construction Machinery & Equipment Ltd.
Voltas Limited
Volvo India Pvt Ltd

Wipro Infrastructure Engineering
Wirtgen India Pvt. Limited
Yanmar India Private Limited