



Message from President



It has always been my desire to bring out a quarterly ICEMA Newsletter highlighting the on-going initiatives of the association and other major events. We have requested our Knowledge Partner, M/s. Feedback Business Consulting Group, to coordinate with Mr. M VijayKumar, Co-convenor of ICEMA Promotion Panel to design the Newsletter and define its contents and publish it on a regular basis.

In the meantime, I thought it would be appropriate to put together the highlights of the major initiatives and activities of the association since the current bearers assumed office since July 2015.

Major activities of ICEMA, during the last one year, mainly covered strengthening of our interaction with the Government, taking up industry issues with the authorities concerned, interaction with international CE associations, participation in Parliamentary Standing Committee meetings, organising conferences, taking delegation to major international exhibitions, bringing out Industry Reports & release of monthly updates, etc. The Association has been closely interacting with the Department of Heavy Industry, Government of India, for setting up test centre and bringing out CEMM Equipment Act for the construction equipment industry.

I look forward to your views and valuable suggestions for the proposed Newsletter.

*Kind Regards
Anand Sundaresan
President, ICEMA*



A 56-member ICEMA delegation led by Mr. Anand Sundaresan, President, ICEMA visited Bauma 2016, Munich from 11th to 14th April. Messe Munchen organised a formal Welcome Reception to the members of ICEMA delegation on 12th April. 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.



INDIA DAY SYMPOSIUM 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 presentation 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



Mr. Anand Sundaresan, President, ICEMA

moderated the Panel Discussion.

India day symposium ranked 3rd among the most visited 10 events at the bauma forum. Over 100 people attended the Symposium.

INTERACTION WITH CEMA

5-member ICEMA team led by Mr. Anand Sundaresan had a meeting with senior members of CEMA on 13th April and discussed in detail the possible areas of cooperation between the two associations. The



Mr. M. Sevala Naik, Consul General of India, Munich (Germany)



meeting mainly discussed on the technical matters and the regulations in 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.

INTERACTION WITH CECE/UNACEA

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



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 European construction equipment industry and outlook. Next IAC meeting will be held in March 2017 during Conexpo at Las Vegas, USA.



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-convenor, 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

JTLM MEETING

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 list of applicable standards.



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.

IAC MEETING

ICEMA team led by Mr. Anand Sundaresan attended the International Associations Council (IAC) meeting on 14th 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, CO2, standards, trade

Mr. Dalela also mentioned on developing a test center in India 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 in executing the project. ●

NATIONAL CONFERENCE ON HIGHWAY EQUIPMENT



Indian Construction Equipment Manufacturers' Association (ICEMA) and Indian Academy of Highway Engineers (IAHE), with the support of Ministry of Road Transport and Highways (MoRTH), Government of India, had jointly organized a two-day National Conference on Highway Equipment on 9-10 July at New Delhi.

The Conference was inaugurated by Mr. Nitin Gadkari, Hon'ble Minister of Road Transport & Highways, Government of India.

The conference mainly focused on the roadmap for Highway Development, policy initiatives of the Government and the issues like potential and prospects, performance and productivity, energy and environment, skill and safety, IT integration, financing and leasing, etc. The conference provided an appropriate platform to discuss and exchange views and show the way forward for adopting innovative technology and best practices in developing a cost effective and world class highway network in the country.

Hon'ble Minister Mr. Nitin Jairam Gadkari, in his inaugural address, highlighted that the Ministry aims to accelerate the construction of National Highways in India. In this regard, steps would be taken to develop new technologies and equipment, so as to bring down the cost of construction and improving the quality of road infrastructure. He emphasized upon innovation, entrepreneurship and technology in order to develop modern infrastructure. He stressed that the use of bio-diesel, ethanol and bio-gas should be promoted in transportation sector so as to reduce the harmful effects on the environment. He said that equipment should be made in India itself so that the cost of construction can be reduced as well as the Prime Minister's vision of 'Make in India' can be fulfilled. Joint venture can also be taken up with the foreign partners wherever viable.

He encouraged the industrialists to impart skill development training to the local youth in their regions so that the local population can also participate in the socio-economic development of that area. Shri

Gadkari also said that the inland waterways should be developed to reduce the cost of transportation which is about one fifth of the cost as compared to other modes of transportation.

Senior Government officials and eminent speakers from both Government and Industry made presentations at the various Sessions of the Conference. Detailed presentations were made on road map for highway development – policy & technology requirement, quality & performance of equipment for road construction, energy efficiency & environmental sustainability, capacity building of equipment to meet the future demand, IT enabled services & intelligent construction, equipment financing & leasing.

Senior Government officials Dr (Ms) T Kumar (Special Secretary & Financial Adviser, MoRT&H), Mr. S. N. Das, (Director General - Road Development and Special Secretary, MoRT&H), Mr. V L Patankar (Director – IAHE), Mr. Manoj Kumar, (Additional Director General, MoRT&H), Mr. Kaushik Basu (Chief Engineer – Mech, MoRT&H), Mr. R K Pandey (Chief Engineer – Planning, MoRTH), etc. took part in the deliberations of the Conference and made presentations.



Senior experts from the Industry and leading equipment manufacturers made presentations on various topics relating to applications of road construction equipment and technology and challenges for the development of highway equipment in India. The deliberations of the sessions mainly covered the advancement of technology in road construction equipment, performance of equipment to achieve better productivity, safety measures & energy efficiency of equipment and how to make the Indian roads and highways a truly world class road network.

The conference was attended by over 400 participants which included a large number of officials from central and state government, industry representatives, construction companies, consultants, technical experts, etc. ●

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. Mr. Chaturvedi, in his inaugural address, said that while EXCON is currently the largest event of its kind in South Asia, the target should be to make it the Big in the World. The Government's Make in India campaign has gained recognition from various multinational organizations of repute. The most important aspect is infrastructure and urban growth. The government has planned numerous initiatives cutting across the country with the aim to provide the right infrastructure and ecosystems for investors who are coming to India. He also mentioned that construction equipment industry would get a boost from policies adopted in other sectors including defence manufacturing and 100% FDI in railway infrastructure development. The government had removed almost 60% of items that posed as a roadblock in licensing protocol for security clearances.

Mr. Vipin Sondhi, Chairman, Excon 2015 enumerated the initiatives required by the Government in partnership with the industry that will have an impact on the industry. He said that providing a level playing field for private capital was vital for the growth of the industry. Recognising Public Private Partnership is a necessary part in building infrastructure.

Mr. Anand Sundaresan, President, ICEMA in his welcome address said that the conference is being held at an opportune moment where on the one hand, there is huge potential for infrastructure development and opportunity for the construction equipment business to grow, on the other hand, the manufacturers of construction equipment are cautiously optimistic due to negative growth in the last three to four years. In the last few months, there has been some movement in the road sector and in the recent past in the mining sector.

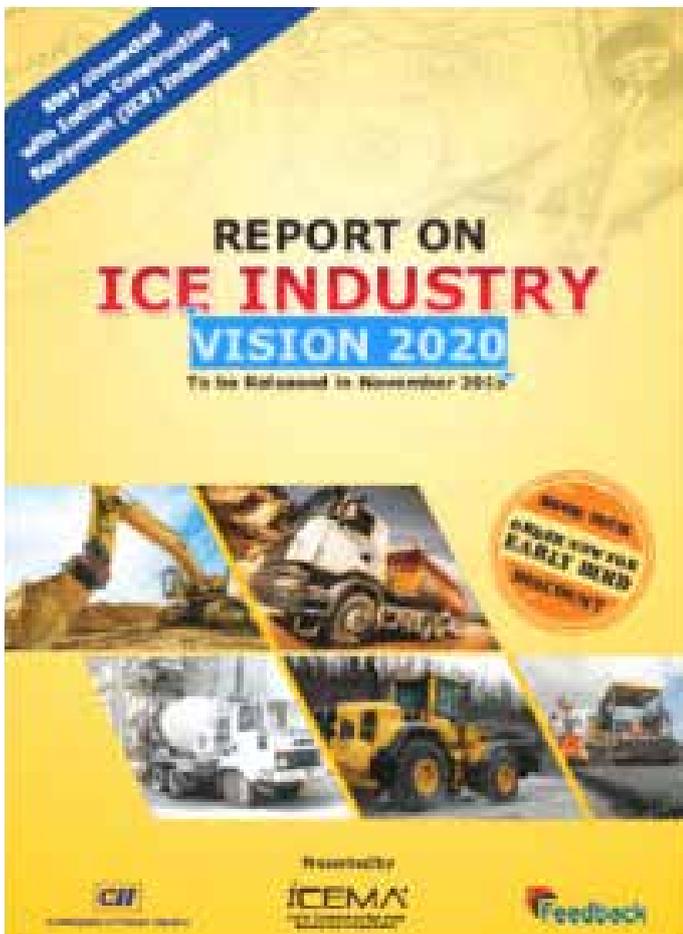
Delivering the theme presentation, Mr. V Ravichandran, Chairman and Managing Director, Feedback Business Consulting said that with a current size of USD 2.8 billion, the Indian construction equipment industry is expected to grow to USD 5 billion by 2019-20. He said that among Earthmoving equipment, Backhoe loader continues to top the list and is expected to grow by 6% to reach 22,000 units during the end of FY 2016. Self Loading concrete mixers gaining good market share in the recent years, this is the only market where the manufacturing capacity in the industry had reached 90% utilization during the year 2014-15, the rest are all well below 65%. He said that the Government will need to be a key enabler for the construction equipment industry to grow while uniform and simplified taxation along with benefits could help promote global practices like Used Equipment, Leasing and Rental Business.

Mr. D K Vyas, Convener, Conference Panel, ICEMA proposed the vote of thanks.

The Conference also 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. ●

ICE INDUSTRY REPORT

RELEASED BY ICEMA AT EXCON 2015



- 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 is scope for disruptive innovations through adoption of digital economy practices and specialised equipment.
- 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.

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 prepared by the Indian Construction Equipment Manufacturers' Association (ICEMA), an affiliated body of Confederation of Indian Industry (CII), sets out the current demand and forecast for the industry till 2020 with projected market size for major equipment. It analyses the critical issues facing 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 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. ●

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 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 27th 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 11th 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. ●

INTERACTION WITH BORDER ROADS ORGANISATION



ICEMA members had an interactive session with Border Roads Organisation on 26th November 2015 at Bangalore. Brig R K Singh, Dy Director General and senior officials of Border Roads Organisation 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. A copy of their presentation is available with ICEMA Secretariat.

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 7th January 2016 at Border Roads Organisation, 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 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
- BRO need to interact with equipment manufacturers on one to one basis on specific requirement.
- Technical specification of all the machinery is reviewed and vetted by the DG-BRO.
- BRO is looking forward to more and more participation from Industry

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. ●

MEETING WITH CCMA



ICEMA members had a meeting with senior members of China Construction Machinery Association (CCMA) on 26th 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

We should also make a presentation of couple of slides on skill development. We should learn from them (Especially Chinese) as to how they are able to speed up and scale up training of operators. What they have done. During the last meeting with CCMA, they mentioned that they have only 40 dedicated training centres from where all the operators and mechanics are trained.

CCMA also mentioned about their organisation 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. ●



MAKE IN INDIA WEEK

SEMINAR ON CONSTRUCTION EQUIPMENT & TECHNOLOGY



Coinciding with Make in India Week held in Mumbai from 13th to 18th February 2016, a Seminar on Construction Equipment & Technology was organised on 17th 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. His presentation mainly covered the present scenario of construction equipment industry in India, segment

wise manufacturing base in India, presence of multinational companies and growth prospect in the next 5 years. He mentioned that the industry could foresee around 11.8% growth to reach USD 5 billion by the year 2020 as per the study conducted by ICEMA and Feedback Business Consulting.

Mr. Arvind Garg, Vice President, ICEMA made a presentation on Construction Equipment Market in India and Strategic Advantage. His presentation covered industry's performance in the last 2-3 years and future outlook. He mentioned that the industry had passed through a very bad patch in the last 3-4 years due to demand contraction from the key infrastructure sectors such as roads & highways, urban infrastructure, mining & ports, etc. The industry has seen some positive sign of growth in specific equipment category in the last 4-5 months. To kick start the projects and implementation of stall projects, Government should take positive steps and make some regulatory measures for creating market for this industry.

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. PLR Chambers – a law firm has been engaged for doing the CEMM Equipment Act, in collaboration with DHI and ICEMA.

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



ROAD SECTOR DEVELOPMENT

BUDGET ALLOCATION FOR 2016-17

Government of India has announced an outlay of Rs 97,000 crore for the roads sector in Budget for the next fiscal. An allocation of Rs 55,000 crore in the Budget for roads and highways has been proposed. This will be further topped up by an additional Rs 15,000 crore to be raised by NHAI through bonds. Thus the total investment in the roads sector, including Pradhan Mantri Gram Sadak Yojana (PMGSY) allocation, would be Rs 97,000 crore during 2016-17

Thrust areas to include the construction and award of 10,000 km roads each over the next fiscal, upgradation of 50,000 km of state highways into national highways and rolling out of 85 per cent of the stuck projects involving investment of Rs 1 lakh crore. The government will enact necessary amendments in the Motor Vehicles Act and open up the road transport sector in the passenger segment

The major benefits of this game-changing initiative will be provision of more efficient public transport facilities, greater public convenience, new investment in this moribund sector, creation of new jobs for our youth, growth of start-up entrepreneurs and other multiplier effects. These measures will take down the road to development faster

In the roads sector, over 70 projects were languishing at the beginning of the year due to legacy factors. Aggregate length of these projects was about 8,300 km, involving more than Rs 1 lakh crore investment. With exemplary and proactive interventions by Highways Minister (Nitin) Gadkari, nearly 85 per cent of these projects have been put back on track,"

The Road Transport and Highways Ministry's allocation for 2014-15 stood at Rs 33,048 crore while the Revised Estimate for 2015-16 was Rs 47,107 crore. The budgetary estimate for 2016-17 was Rs 57,976 crore. ●

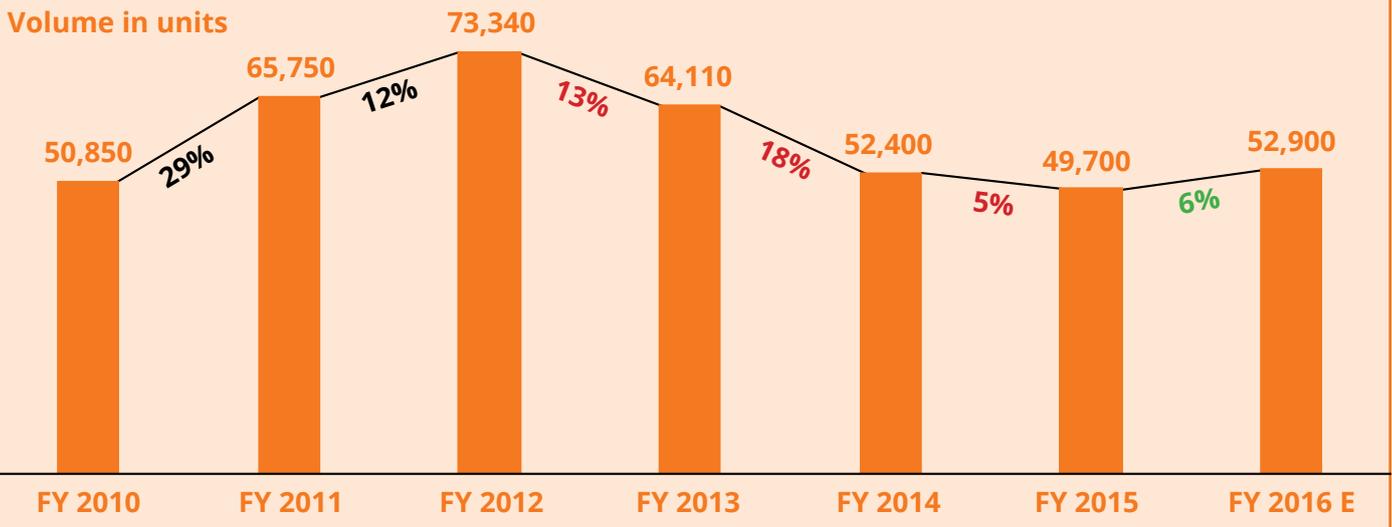
STATUS OF NATIONAL HIGHWAYS

NHDP Component	Total length (km)	Completed length (km) as on Dec 31, 2015	In Progress(km)	Estimated Cost (Crore)
GQ under NHDP Phase I	5,846	5,846	0	30,300
NS-EW Corridors under Phase I & II	7,142	6,422	463	(NHDP Phase I) + 34,339 (NHDP Phase II) = 64,639
Port Connectivity under NHAI	431	379	52	
Other NHs with NHAI	1,844	1,578	266	
NHDP Phase III	12,608	6,734	3,402	80,626
NHDP Phase IV	20,000	2,877	7,483	27,800
NHDP Phase V	6,500	2,319	1,356	41,210
NHDP Phase VI	1,000	0	0	16,680
NHDP Phase VII	700	22	19	16,680
Sub Total (NHDP)	56,071	26,177	13,041	2,47,635

Source : Ministry of Road, Transport and Highway.

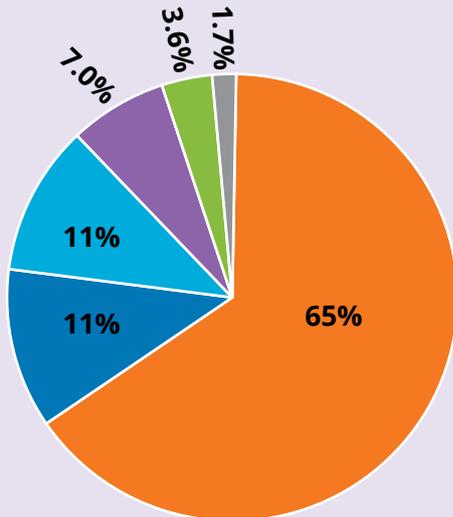
The Indian Construction Equipment market is finally seeing some positive movement after years of decline

Volume in units

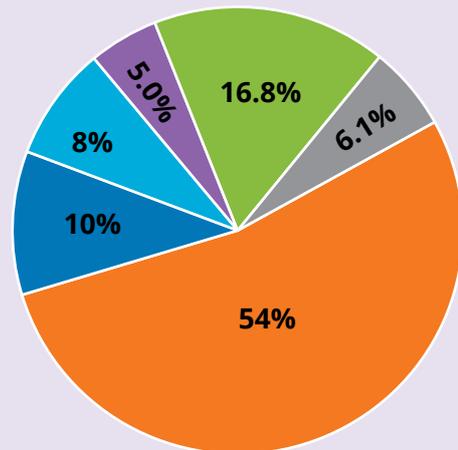


Earth moving equipment is the dominant category which accounts for 65% in volume and 54% in revenue terms in 2014-15

Overall Volume : FY 2015

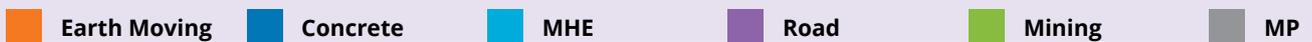


Overall Value : FY 2015

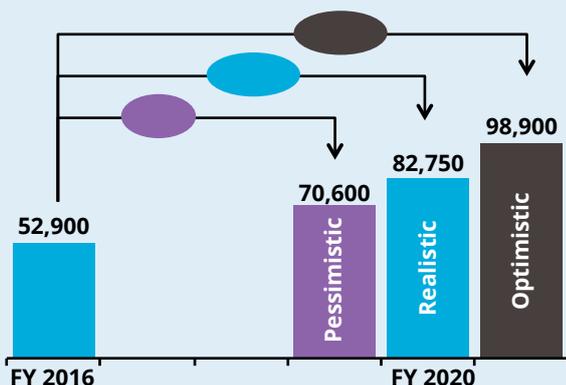


Total units: 49,700 nos.

Total Value: USD 2.8 Billion

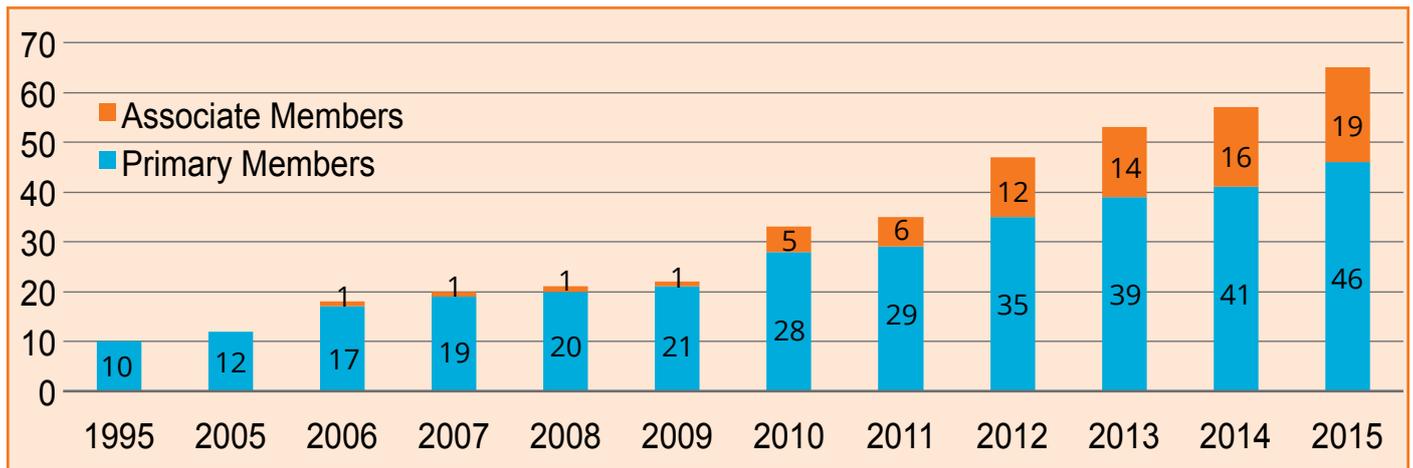


The equipment industry is expected to reach its high sales level of FY 2012 (70,000 units) by 2019-20. USD 5 bn by FY 2020



Equipment	CAGR
Earth Moving	12.5%
Mining	4.3%
Concrete	12.1%
Material Handling	8.2%
Road	12.8%
Material Preparing	11.2%

ICEMA MEMBERSHIP STRENGTH TOTAL MEMBERS - 65



PRIMARY MEMBERS

Ajax Fiori Engineering(I) Pvt Ltd	Liugong India Pvt Ltd
Ammann Apollo India Pvt Ltd	Mahindra & Mahindra
Aquarius Engineers Pvt Ltd	Marini India Pvt Ltd
Ashok Leyland John Deere Construction Equipment Co	Metso India Pvt Ltd
Atlas Copco (India) Ltd	Nawa Engineers & Consultants Pvt Ltd
Bharat Earth Movers Limited	Potain India Pvt Ltd
Bull Machines Pvt Ltd	Propel Industries Private Limited
Case New Holland Construction Equipment India Pvt Ltd	Putzmeister Concrete Machines Pvt Ltd
Caterpillar India Pvt Ltd	Puzzolana Machinery Fabricator
Doosan Infracore Construction Equipment India Pvt Ltd	Sandvik Asia Pvt Ltd.
Eimco Elecon (India) Ltd	Sany Heavy Industry India Pvt Ltd
Escorts Construction Equipment Limited	Schwing Stetter India Pvt Ltd
Gmmco Limited	Simem Construction and Environmental Engineering Pvt Ltd
Greaves Cotton Ltd	Spartan Engineering Industries Pvt Ltd
Herrenknecht India Private Ltd	Tadano India Pvt Ltd
Hyundai Construction Equipment India Pvt Ltd	Tata Hitachi Construction Machinery Company Pvt Ltd
JCB India Limited	Terex India Private Limited
Kobelco Construction Equipment Pvt Ltd	TIL LTD
Kobelco Crannes India Pvt Ltd	Universal Construction Machinery & Equipment Ltd
Komatsu India Pvt Ltd	Voltas Limited
Larsen & Toubro Limited	Volvo India Pvt Ltd
LeeBoy India Construction Equipment Private Limited	Wipro Infrastructure Engineering
Linnhoff India Pvt Ltd	Wirtgen India Pvt Ltd

ASSOCIATE MEMBERS

AKG India Pvt Ltd	ICICI Bank
Berco Undercarriages (India) Pvt Ltd	Kotak Mahindra Bank Ltd
Balkrishna Industries Limited (BKT)	L&T Finance Limited
Bonfiglioli Transmission Pvt Ltd	MTU India Private Limited
Carraro India Pvt Ltd	Nakoda Machinery Pvt Ltd
Chowgule & Co. Pvt Ltd	SREI Equipment Finance Pvt Limited
Cummins India Ltd	Tata Capital Limited
Eaton Technologies Pvt Ltd	Veena Industries Ltd
Fleetguard Filters Pvt Ltd	Yanmar India Private Limited
Gates India Pvt Ltd	