

# World Congress and Exhibition on Construction and Steel Structure

Date & Venue: November 16-18, 2015 Dubai, UAE

(Theme: Exploring Advances in Construction and Steel Structure)

## About the Conference:

Steel Structure-2015 welcomes attendees, presenters, and exhibitors from all over the world to Dubai, UAE. We are delighted to invite you all to attend and register for the "World Congress and Exhibition on Construction and Steel Structure (Steel Structure-2015)" which is going to be held during November 16-18, 2015 in Dubai, UAE.

The organizing committee is gearing up for an exciting and informative conference program including plenary lectures, symposia, workshops on a variety of topics, poster presentations and various programs for participants from all over the world. We invite you to join us at the Steel Structure-2015, where you will be sure to have a meaningful experience with scholars from around the world. All members of the Steel Structure-2015 organizing committee look forward to meeting you in Dubai, UAE.

For more details please visit- <http://construction-steel-structure.omicsgroup.com/>

## Importance & Scope:

Construction and Steel Structure is growing rapidly and its development is making tremendous impacts in infrastructural development, urban planning and industrial expansion. With the overall increase in new projects based on steel structures throughout the world, the field of civil engineering still promises several new advancements.

The scope of this conference is to facilitate knowledge transfer between industrial personnel and scientific researchers on the topics related to construction and expand the boundaries of civil engineering.

Construction and Steel Structure is growing rapidly and its development is making tremendous impacts in infrastructural development, urban planning and industrial expansion. This conference is all about industries, infrastructure, buildings, those are made from organized combination of structural steel that can carry loads and provide adequate rigidity and also required flexibility. Steel Structure-2015 will also include advancing international knowledge transfer in making, shaping and treating of steel. The importance and significance can be gauged by the fact that it has made huge advancements over the course of time and is continuing to influence various sectors.

## Why Dubai?

Dubai is the most populous city and emirate in the United Arab Emirates (UAE), and the second largest (4,114 km<sup>2</sup>) emirate by territorial size after the capital, Abu Dhabi. Dubai has a fascinating history and a vibrant heritage that provides visitors an intriguing glimpse into Arabian culture. Dubai has emerged as a cosmopolitan metropolis that has grown steadily to become a global city and a business and cultural hub of the Middle East and the Persian Gulf region. Today, Dubai has emerged as a global city and business hub of the Persian Gulf region.

Dubai has a rich collection of buildings and structures of various architectural styles. Many modern interpretations of Islamic architecture can be found here, due to a boom in construction and architectural innovation in the Arab World in general, and in Dubai in particular, supported not only by top Arab or international architectural and engineering design firms such as Al Hashemi and

Aedas, but also by top firms of New York and Chicago. Dubai now has more completed or topped-out skyscrapers higher than 2/3 km, 1/3 km, or 1/4 km than any other city.

## Conference Highlights

- Construction Engineering
- Structures
- Steel Construction
- Civil and Environmental Engineering
- Safety Management in Construction
- Earthquake resistance engineering structure
- Digital Structural Designs
- Construction Industry
- Fire Safety Engineering and Design of Structures

## Why to attend???

With members from around the world focused on the field of Construction and Steel Structure; this is your single best opportunity to reach the largest assemblage of participants from the global construction industries. Conduct demonstrations, distribute information, meet with current and potential steel traders, make a splash with a new product line, and receive name recognition at this 3-days event. World-renowned speakers, the most recent techniques, tactics, and the newest updates in Construction and Steel Structure fields are hallmarks of this conference. Conference brings together experts, researchers, scholars and students from all areas of Civil Engineering, Architectural, Structural Engineering, Mechanics and other related areas, steel associations, steel traders, building and construction professionals, Developers, Contractors, Interior Design, Consultancy, Building Material manufacturers.

## A Unique Opportunity for Advertisers and Sponsors at this International event:

[http://www.omicsgroup.com/conferences/ACS/conference/pdfs/construction2015\\_Sponsorship.pdf](http://www.omicsgroup.com/conferences/ACS/conference/pdfs/construction2015_Sponsorship.pdf)

## Major Societies and Associations around the Globe

- American Society of Civil Engineers (ASCE)
- Civil and Environmental Engineering Student Association
- American Institute of Steel Construction (AISC)
- British Constructional Steelwork Association
- World Steel Association – Construction
- Canadian Society for Civil Engineering
- Metal Construction Association

## Major Societies and Associations in Dubai

- Institution of Civil Engineers
- Society of Engineers
- Emirates Steel
- UAE Contractors Association

### Target Audience

Steel associations, steel traders, building and construction professionals, Developers, Contractors, Interior Design, Consultancy, Building Material manufacturers, Professors and Students from Academia in the study of Civil Engineering, Architectural, Structural Engineering, Mechanics and other related areas.

### Top Universities in Dubai

- American University of Dubai
- Canadian University of Dubai
- Jumeira University
- Manipal University, Dubai Campus
- EADA Business School

### Top Universities in UAE

- UAE university
- Masdar Institute of Science and Technology
- Khalifa University
- University of Sharjah
- Abu Dhabi University

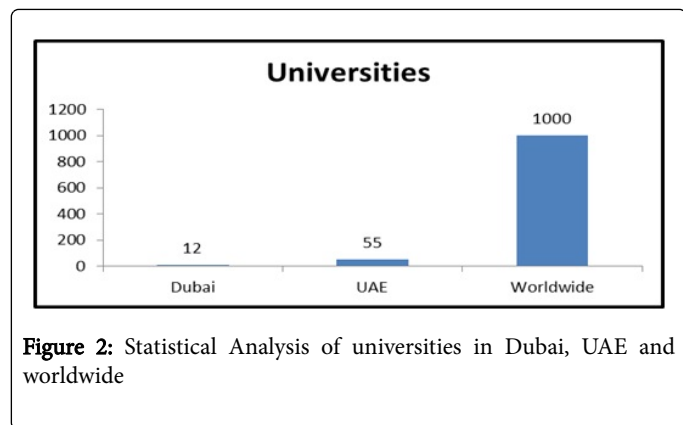


Figure 2: Statistical Analysis of universities in Dubai, UAE and worldwide

Source: Reference 2, Reference 3

### Companies Associated with Construction and Steel Structure

#### Top Companies in Dubai

- Eurogulf Construction
- Techno Steel LLC
- Arabtec Construction LLC
- The Al Habtoor Group
- General Construction Company
- Ascon Building Exchange

#### Top Companies Worldwide

- Bechtel
- Fluor
- Bauer
- Grupo ACS
- China Railway Construction Corporation
- China State Construction & Engineering

### Software used in Civil Engineering

- Building Information Modeling

- AutoCAD Civil 3D
- SAP 2000
- Project management software
- HEC-RAS
- ETABS
- Micro Station
- Revit Architecture
- SketchUp

### Glance at Market of Construction industry concerning to Dubai, UAE:

The construction industry of UAE witnessed construction contract awards to the tune of USD 40 billion in 2012, which is expected to increase to USD 50 billion by 2015, with bulk of the projects likely to be awarded over 2014 and 2015.

Construction sector as a percentage of GDP of the UAE reached 10.5% in 2009 and 10.25% in 2011 while for 2015 and 2020 the sector's contribution as a percentage of UAE GDP is projected to record 11.1% and 11.45% respectively.

### Statistics showing growth in revenue & %GDP in construction sector of Dubai, UAE

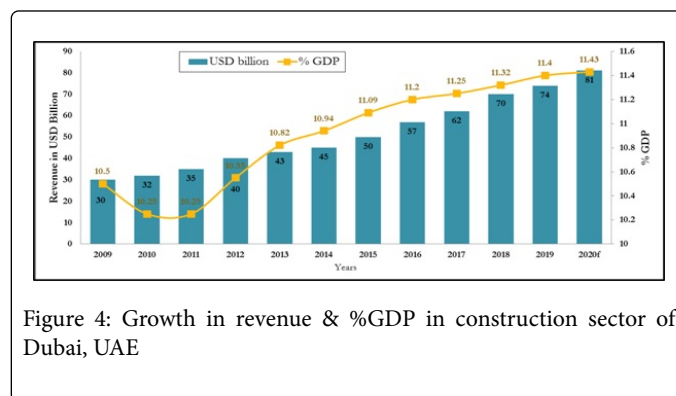


Figure 4: Growth in revenue & %GDP in construction sector of Dubai, UAE

Source: Reference 1

### Glance of global market analysis of Construction Industry:

In 2014, the industry is expected to generate revenue of approximately 156.12 billion U.S. dollars.

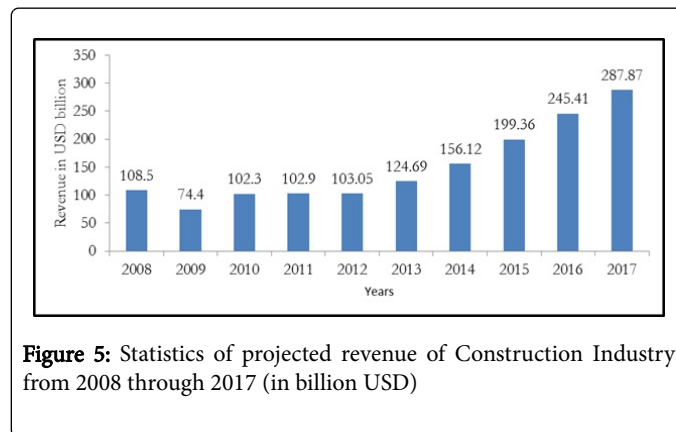


Figure 5: Statistics of projected revenue of Construction Industry from 2008 through 2017 (in billion USD)

Source: Reference 4

### Growth in Construction Industry in 2013:

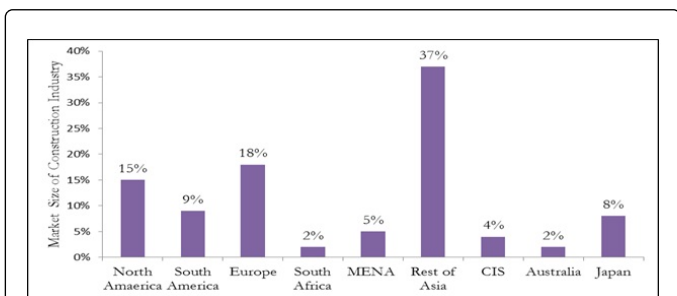
This statistic gives a breakdown of construction industry growth rates in selected regions worldwide in 2013. In the United States, construction output increased by 4.5% in the year of 2013. That year, global construction output was estimated to be around 7.5 trillion U.S. dollars.



**Figure 6:** Statistics of revenue growth in construction industry in 2013

MENA: Middle East and North Africa  
 CIS: Commonwealth of Independence States  
 Source: Reference 5

### Market size of Construction Industry in 2013

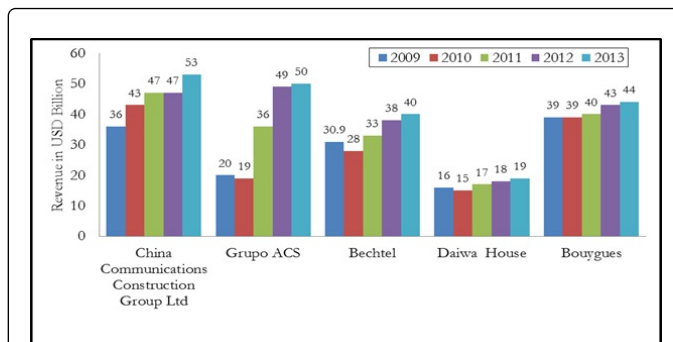


**Figure 7:** Statistics market size of construction industry in 2013

MENA: Middle East and North Africa  
 CIS: Commonwealth of Independence States

Source: Reference 6

### Market Analysis of major Steel Structure Companies (Globally):



**Figure 8:** Revenue report of 5 major companies (globally) for last 5 years

Source: Reference 7, Reference 8, Reference 9, Reference 10 and Reference 11

### References:

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4. <http://www.statista.com/statistics/245214/projected-revenue-of-the-green-building-construction-industry/>
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