

**International Code Council  
Nigeria National Chapter  
Country Update Presentation**

**Global Connections Day  
International Code Council 2017 Annual Meeting  
Greater Columbus Convention Center,  
Columbus, Ohio  
September 10-13, 2017**

by

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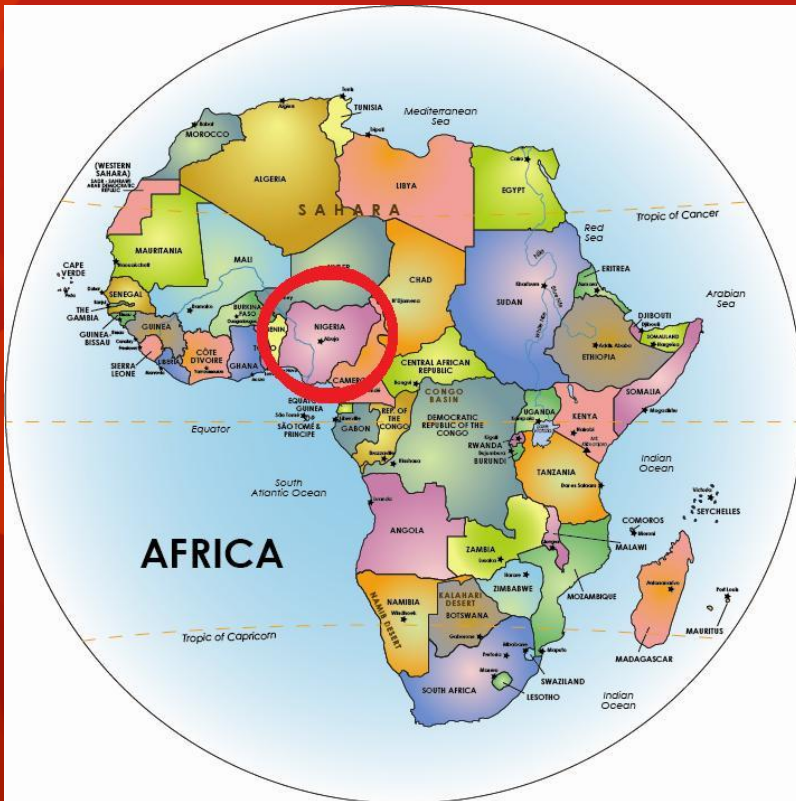
**President-ICC-NIGERIA NATIONAL CHAPTER**

**Abuja, Nigeria**

**September 13, 2017**



# LOCATION & MAP of NIGERIA :



# NIGERIA:



- Population: 181.6 Million
  - By the Year 2050, Nigerian Population is Projected to be 400 Million
  - Nigeria will overtake U.S Population by 2045
- Area: 923 768 Sq. Km
  - > Twice the area of California
- Economy: 2014 GDP - \$US 479 Billion
  - (Africa's Largest Economy)
  - Agriculture – 20.6%
  - Industry – 25.6%
  - Services – 53.8%
- Purchasing Power Parity: \$1,049 Trillion
- Government: Democratic
- 36 States & FCT
- Friends: USA & the World



Nathan Holt of the U.S. Dept. of State on a briefing on Nigeria on May 9, 2017 said:

“President Buhari’s electoral platform was that he wanted to fight insecurity, particularly the depredations of Boko Haram and other forces in the northeast. He wanted to grow the Nigerian economy, create jobs for its growing population, and he wanted to fight corruption.

Well, the nice thing about that agenda is that it meshes very well with our own. That is – those are areas of focus that very much are consistent with U.S. interests in Nigeria. We too want to partner with Nigeria and its neighbors to fight terrorism. We too support private-sector-led economic growth. And we are very much in favor of President Buhari’s campaign against corruption”

# State of Building Code in Nigeria:

## ○ History:

- 1987 – Discussions and Development of Code Started
- 1991 - Council on Housing Organized a Workshop on Building Codes
- 2005 – A Second National Workshop on Building Code held
- 2006 - Federal Republic of Nigeria, National Building Code (NBC) Promulgated into Law, and the Code was Supposed to be Reviewed Every Three Years
- 2006 – 2017 –
  - Nigerian Senate is yet to pass the NBC Enabling Law Since 2006 – (Tijani Shuaibu, 2016)
  - Limited Nationwide Progress in Development, and Adoption of Codes
  - Progressive States such as Lagos State, Abia State, Rivers State, Akwa Ibom, and FCT are Developing Physical Planning Legislations, Building Code Agencies, and Urban Renewal Plans
  - News 2017:
    - Revised 2017 Nigerian Building Code (NBC) is on-going with the National Council on Housing
    - Building Energy Efficiency Code (BEEC) being developed with Germany and the EU
    - BEEC is expected to complement NBC- ( Babatunde Fashola & Ella Anokam August 30, 2017)
    - Professionals and Citizens are urging the Nigerian Government to domesticate NBC

# Challenges of Code Admin. in Nigeria:

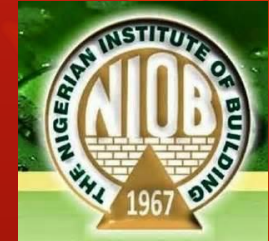
- Limitations of the Nigerian Building Code:
  - Non Workable Code
    - Lack of Enabling Environment (operation, enlightenment, and legal framework)  
(Dauda Dahiru et al, 2012)
  - Unclear Code Administration Framework
  - States Adoption of Code is Optional (Mimiko, 2006)
  - Lack of Continuity in the Management and Oversight of the Code Administration
    - Appointed Federal Ministers of Work oversee Code Committee
  - Professional Organizations Self Regulate, Administrate, and Enforce the Code
  - Lack of Publicity of Code Existence and Content
  - Lack of Framework for Code Development/Administration at various levels of Governments (Federal, State, and Local Governments)
  - The Nigerian Professionals and Artisans are operating without any code guidance which puts them and society at a disadvantage

# Key Stakeholders in Nigeria Codes/Built Environment:

- Governments
  - Federal Government
  - State Governments (36 States & FCT)
  - Local Governments ( 774 LGA's)
- Nigerian Building Code Committee (NBCC)
- Industry/Professional Organizations
  - Nigeria Institute of Architects (NIA)
  - Nigeria Institute of Builders (NIOB)
  - Nigerian Institute of Town Planners (NITP)
  - Council for Registration of Engineers in Nigeria(COREN)
  - Nigeria Society of Engineers (NSE)
  - Nigeria Institute of Estate Surveying & Valuations (NIESV)



**THE NIGERIAN INSTITUTE OF ARCHITECTS**



# Key Stakeholders in Nigeria Codes/Built Environment Contd.:

## ○ Industry/Professional Organizations

- Nigeria Institute of Quantity Surveying (NIQS)
- Standards Organization of Nigeria (SON)
- National Environmental Standard and Regulation Enforcement Agency (NESREA)
- Surveyors Council of Nigeria (SURCON)
- Nigerian Electricity Regulation Commission (NERC)
- Manufacturers, Trades, etc.



**STANDARDS ORGANISATION OF NIGERIA**  
*Improving life through standards*

## ○ Citizens



# Current Trends & Opportunities in Nigeria:

## Domestic Environment:

- Transition from a Consumer Economy to a Manufacturing Economy
  - Made in Aba Products Program
  - Make in Aba Program
  - Trade Shows
- Focus on the use of “Local Content” in Various Sectors of the Economy
  - IT, Agriculture, Construction, Oil & Gas, Manufacturing, Etc.
- Great & Wider Call by Citizens and Professionals for Code Development & Enforcement



- Domestic Events
  - Lekki/Lagos Island Flooding
  - Building Collapse
  - Fire
  - Flooding



## Global Environment

- Global Events
  - London Fire
  - Dubai Fire
  - Hurricane HARVE
  - Hurricane IRMA
- Changing Lender /Investor Requirements



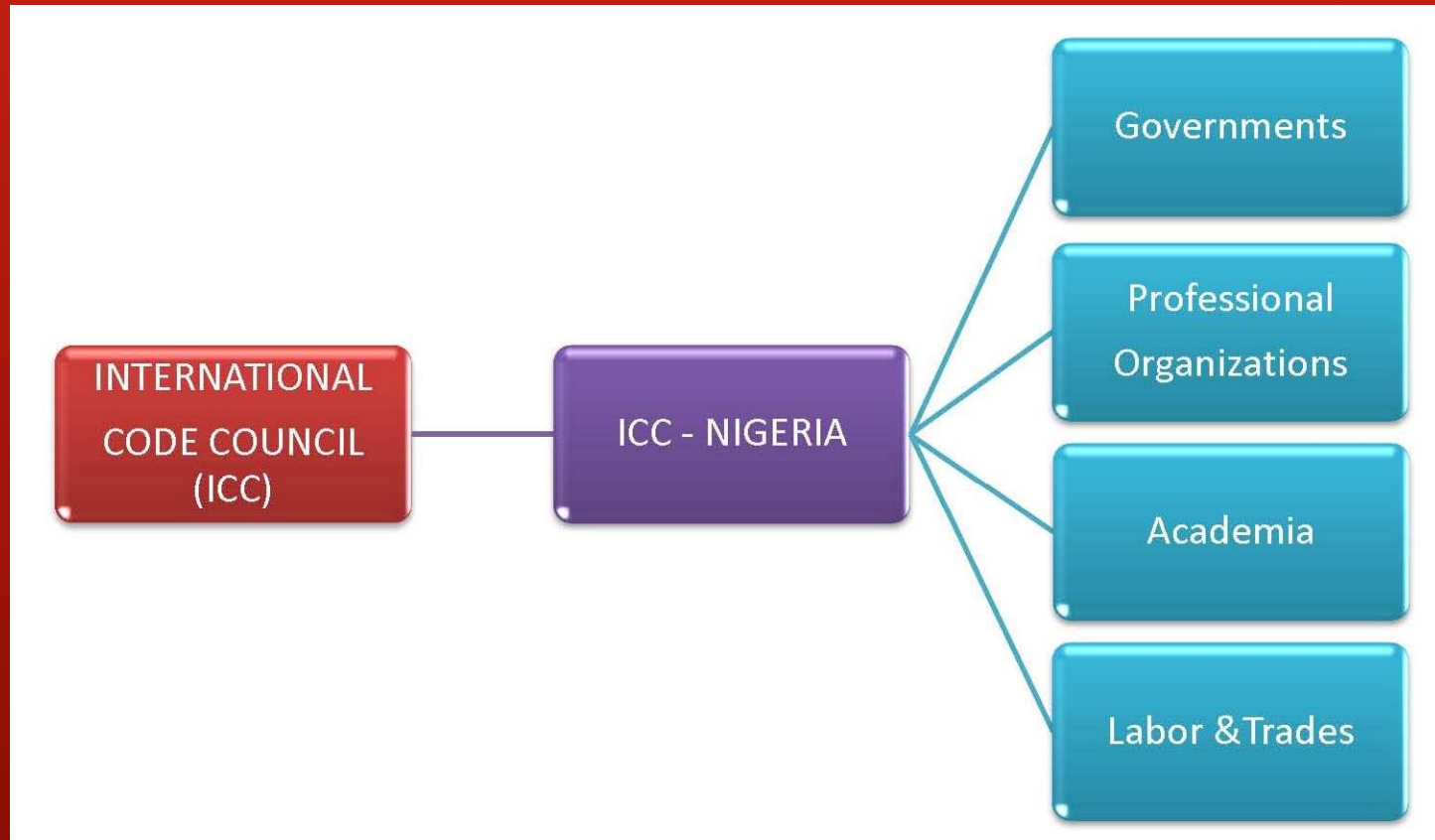


# ICC-Nigeria National Chapter Goals:

- Educate & Certify
  - Building Safety Officials
  - Officials on Sustainability & Green Building Practices
- Engage
  - Engage Governments & People on the Values of ICC Codes
  - Engage Nigerian Stakeholders to adopt ICC Codes
- Enable
  - The Preservation of Life, Health, Safety, and Welfare of Nigerians
  - Adoption, Implementation, and Enforcement of Building Codes
  - Promote Code Development Practices in Communities, Towns, and Cities Working With All the Professionals
  - Resource Sharing of Industry Information With Governments, Organizations, and Academia
- Collaborate
  - With Related Industry Professionals in the Nigeria Code Development Process
  - Support Research that Improves the Built Environment
  - Assist in Product Evaluation Services Thereby Encouraging Export of Goods and Services

## ICC-NNC Organizational Framework/Strategy:

- ICC-NNC was inaugurated an ICC Global Chapter on September 25, 2015



# Benefits of ICC - NNC to Nigeria:

- Better Planned, Designed, and Built Environment that Supports Life, Safety, and Health of Nigerians
- Access to ICC Code Resources, Research, and Best Practices
- Access to ICC Product Evaluation, and Certification Services
- A Unified Code that is Easy to Enforce With Continued Education for Professionals
- Development of a Progressive and Informed Workforce that will Sustain the Nigerian Development Agenda
- ICC – NNC will Bring Related Industry Professionals Together Encouraging Collaboration
- Increased Value of Developed Assets
- Economic Growth for the Nation
- Improved Competitiveness



# Benefits of ICC- NNC to Nigeria:

- ICC Resources:
  - International Building Code (IBC)
  - International Residential Code (IRC)
  - International Existing Building Code
  - International Fire Code
  - International Plumbing Code
  - International Mechanical Code
  - International Fuel Gas Code
  - International Energy Conservation Code
  - International Property Maintenance Code
  - International Zoning Code
  - ICC Performance Code for Buildings and Facilities
  - ICC Electrical Administrative Provisions
  - International Model Energy Code
  - International Green Construction Code, etc.

○

# ICC-NNC 2017 Report/Update:

- Membership/Awareness
- Nigeria joins International Code Council  
»...[www.today.ng/news/world/46765/nigeria-join..](http://www.today.ng/news/world/46765/nigeria-join..)
- Nigeria joins International Code Council -  
...[www.authorityngr.com/2015/12/Nigeria-joins-...](http://www.authorityngr.com/2015/12/Nigeria-joins-...)
- Nigeria joins Int'l Code Council - Nigerian...[nigerianpilot.com](http://nigerianpilot.com)
- Stakeholders In Construction Industry To Benefit...
- [www.aitonline.tv/...industry\\_to\\_benefit\\_from\\_icc](http://www.aitonline.tv/...industry_to_benefit_from_icc) -Dr **Maurice Ngwaba**, the President of **International Code Council-Nigeria National Chapter (ICC-NNC)**, has restated the immense benefits available to building material ...



2015 – ICC-NNC Inaugural Delegates

## ICC-NNC 2017 Report/Update:

- **Engagement Activities:**
- **ICC-NNC is reaching out to the Nigerian Governments – Federal State, and Local Governments in Code Development and Enforcement**
- **ICC Contacts with Professional Bodies in Nigeria including NIA, ARCON, NIOB, NITP, etc.**
- **ICC-NNC Contact with Representatives of Lagos State Works, Physical Planning,**
- **ICC-NNC Participated and Collaborated with the 11<sup>th</sup> Abuja Housing Show held from July 17- 19, 2017 at the International Conference Center, Abuja, Nigeria**
- **ICC-NNC Presentation to U.S Dept. of Commerce – African Global Market Representative – Ms. Karen Burress, June 1, 2017**



## ICC-NNC 2017 Report/Update:



**ICC-Nigeria Members Visit/Presentation to Senator Enyinnaya Abaribe – Vice Chair of the Senate Committee on Inter-Parliamentary Affairs, and Member Senate Works Committee (January 13, 2017)**

## ICC-NNC 2015-2017 Report/Update:



**ICC-Nigeria Members Visit/Presentation to Senator Kabiru Ibrahim Gaya (Center) Chair of the Nigeria Senate Committee on Works & Vice President Inter-Parliamentary Union (IPU) for Africa. (January 17, 2017)**



# ICC-NNC 2017 Report/Update:



**ICC-Nigeria Members Visit/Presentation to the Office of the Hon. Minister for Federal Capital Territory, Abuja Nigeria (February 9, 2017)**

# ICC-NNC Next Steps:

## Membership:

- Continue Recruitment of Professionals and Citizens

## Awareness

- Continue Codes and Built Environment Awareness Programs

## Workshops, Seminars, and Training

- Execute Workshops, Seminars and Training at All Levels

## Collaborations/Engagements

- Collaborate with agencies and provide code development workshops in Nigeria
- Collaborate with industries and organizations that seek IAS/ES assistance
- Continue engagement activities with key Stakeholders and Governments

## Secure Funds From Agencies and Organizations to Assist in Execution of ICC-NNC Programs

- ICC & ICC-NNC will conduct the 1<sup>st</sup> Conclave & Educational Seminar in Abuja, Nigeria from 26-27, October, 2017



## Conclusion:

- ICC-NNC is committed to the use of modern codes in building sustainable environments and infrastructures; and the preservation of life, safety, health, and welfare of Nigerian citizens
- ICC-NNC will continue to collaborate with ICC on the commitment to improve the quality of the built environment in Nigeria, the Region, and in the African Continent.
- ICC-NNC seeks the assistance and collaboration opportunities with other ICC Global members and Partners, Agencies, and Non - Governmental Organizations in the advancement of the quality of life for Nigerians and society in general.

## REFERENCES:

- Additional references are available

# ○ THANK YOU

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