



Building “Safety” & “Resiliency” into a Philippine Law

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Boracay Island, Philippines



Boracay streets



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Fire guts a hundred houses in Boracay

By Elyrose S. Naorbe, for CNN Philippines

 Updated 06:40 AM PHT Thu, June 18, 2015



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NDRRMC ang magarekomenda sang state of calamity declaration para sa Boracay – task force

- Bombo Radyo Iloilo

5 days ago



Boracay Island from DENR photo

Demolition of Illegal structures in Boracay



The DOT and Department of the Interior and Local Government is eyeing a 60-day shutdown of the island from June 1 to July 31 to enable the demolition of illegal structures and other activities.



Task force ready to present master plan for Boracay

Nestor P. Burgos Jr.

1 min ago





Proposed Framework

Legal Framework

CURRENT

- National Building Code: PD 1096 (1977) and other national legislations such as Fire Code of 2008
- IRR
- Referral Codes

PROPOSED

- Philippine Building Act of 2017 and other national legislations such as Fire Code of 2008
- IRR
- Reference Standards

“National Building Code”



**The Philippine Building Act is the product of
2 Years of Consultative Process**



DRRM Highlights

PROPOSED

- Policy of the State to mainstream disaster risk reduction and management (Section 2)
- Objective of the Act to reduce and manage hazards, exposures, and vulnerabilities, (Section 3)
- General design requirements consider multiple hazards at the specific location, site and zone (Section 14, Section 15, Section 17, Section 19, Section 23)



Existing “Philippine National Building Code”

- Chapter 1. *General Provisions*
- Chapter 2. *Administration and Enforcement*
- Chapter 3. *Permits and Inspection*
- Chapter 4. *Types of Construction**
- Chapter 5. *Requirements for Fire Zones**
- Chapter 6. *Fire Resistive Requirements in Construction**
- Chapter 7. *Classification and General Requirements of All Buildings by Use or Occupancy**
- Chapter 8. *Light and Ventilation**
- Chapter 9. *Sanitation**
- Chapter 10. *Building Projection over Public Streets**
- Chapter 11. *Protection of Pedestrians during Construction or Demolition**
- Chapter 12. *General Design and Construction Requirements**
- Chapter 13. *Electrical and Mechanical Regulations**
- Chapter 14. *Photographic and X-ray Films**
- Chapter 15. *Prefabricated Constructions**
- Chapter 16. *Plastics**
- Chapter 17. *Sheet Metal Paint Spray Booths**
- Chapter 18. *Glass and Glazing**
- Chapter 19. *The Use of Computer**
- Chapter 20. *Signs**
- Chapter 21. *Transitory and Final Provisions*



Proposed “Philippine Building Act”

- Chapter I. ***GENERAL PROVISIONS***
- Chapter II. ***CLASSIFICATION OF BUILDINGS ****
- Chapter III. ***LOCATION, SITING, AND ZONING REQUIREMENTS ****
- Chapter IV. ***DESIGN REQUIREMENTS ****
- Chapter V. ***CONSTRUCTION REQUIREMENTS ****
- Chapter VI. ***BUILDING MATERIALS ****
- Chapter VII. ***OCCUPANCY, MAINTENANCE, AND ABATEMENT OF BLDGS***
- Chapter VIII. ***ADMINISTRATION***
- Chapter IX. ***PERMITS AND INSPECTIONS***
- Chapter X. ***INCENTIVES AND PENALTIES***
- Chapter XI. ***FINAL PROVISIONS***



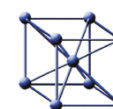
National Administration

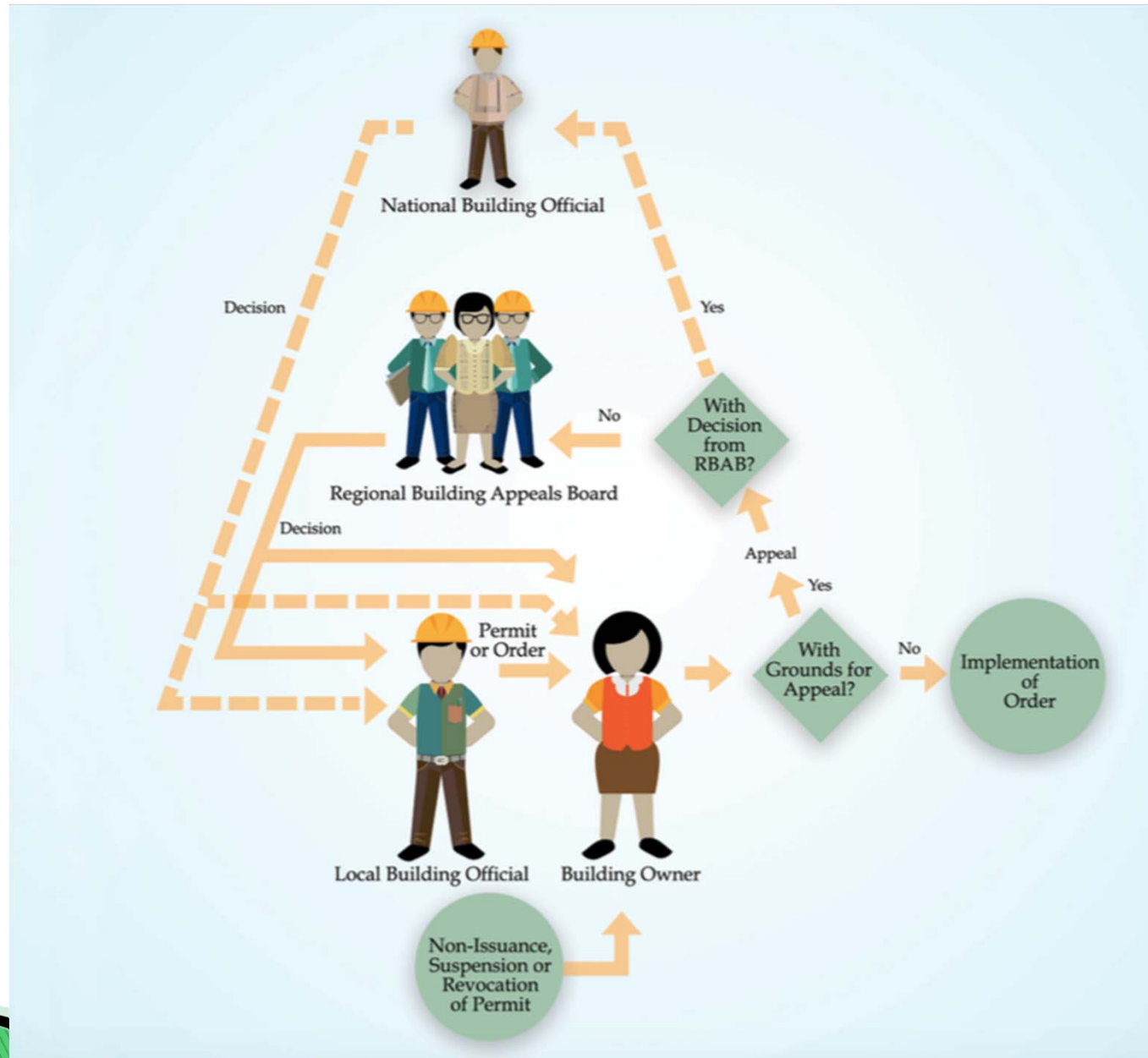
CURRENT

- Secretary of the Department
- National Building Code Review Committee (NBCRC)
- NBCP Board of Consultants (NBCP-BoC)
- NBC Development Office (NBCDO)

PROPOSED

- National Building Official (NBO)
- Building Regulations and Standards Council (BRSC)
- Technical Working Groups (TWGs) of BRSC
- Office of the National Building Official (ONBO)
- Regional Bldg Appeals Boards (RBABs)





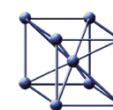
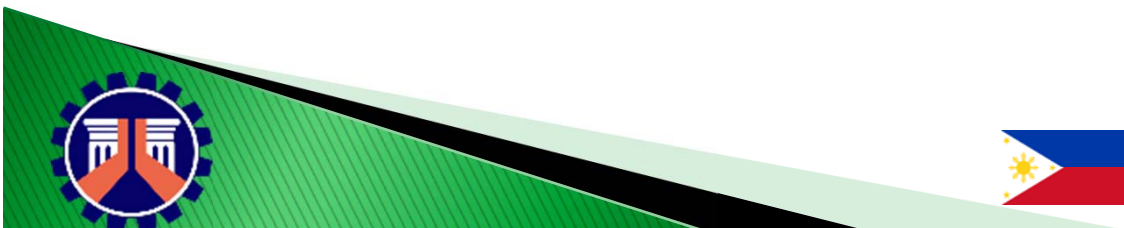
[Local] Building Official

CURRENT

- Concurrent Office of City/Municipal Engineer

PROPOSED

- Separate OLBO for city or 1st class municipality
- Concurrent Office of City/Municipal Engineer
- Cluster OLBO for adjacent 2nd to 6th class municipalities that are accessible to each other



Accredited Persons*

CURRENT

- Building Contractor
- Building Professional

PROPOSED

- Building Certifier
- Structural Peer Reviewer
- Testing Laboratory
- Building Inspector

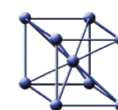




Figure 13. Capacitating the Stakeholders in the Building Regulatory System

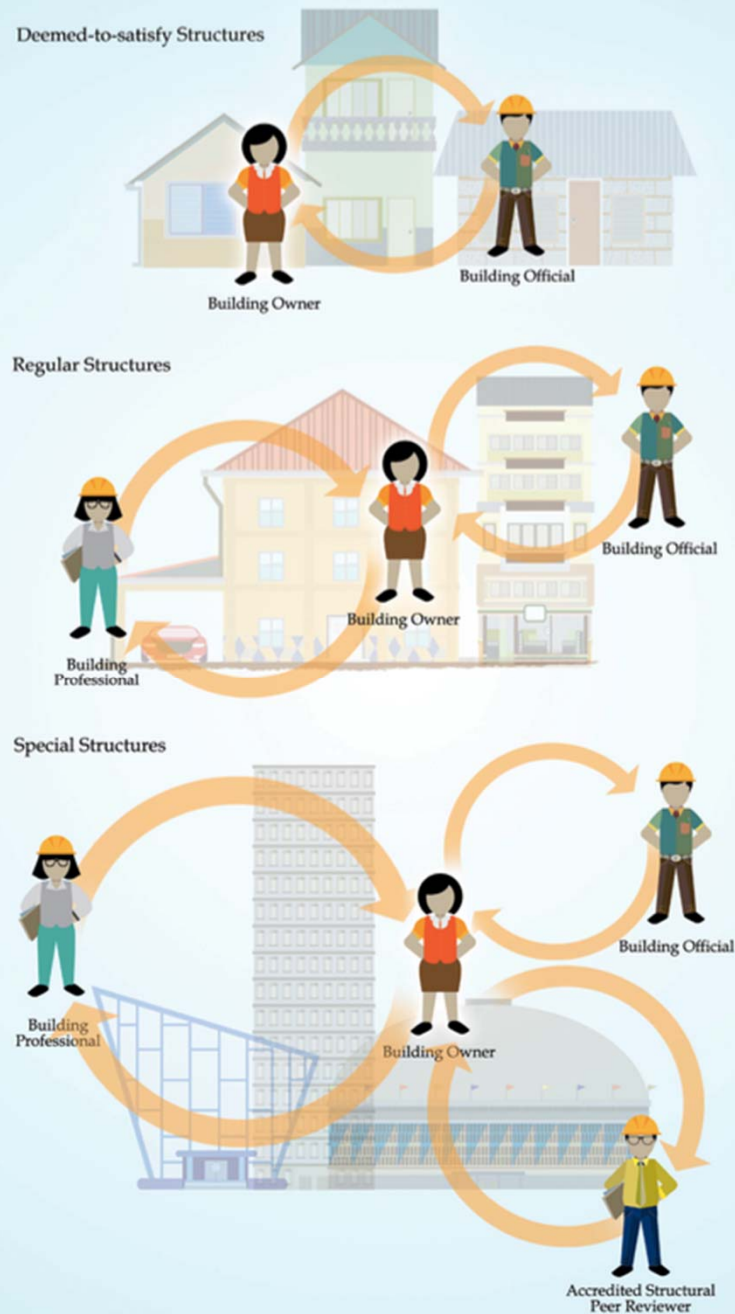


Figure 9. Classification of Buildings According to Permitting Process

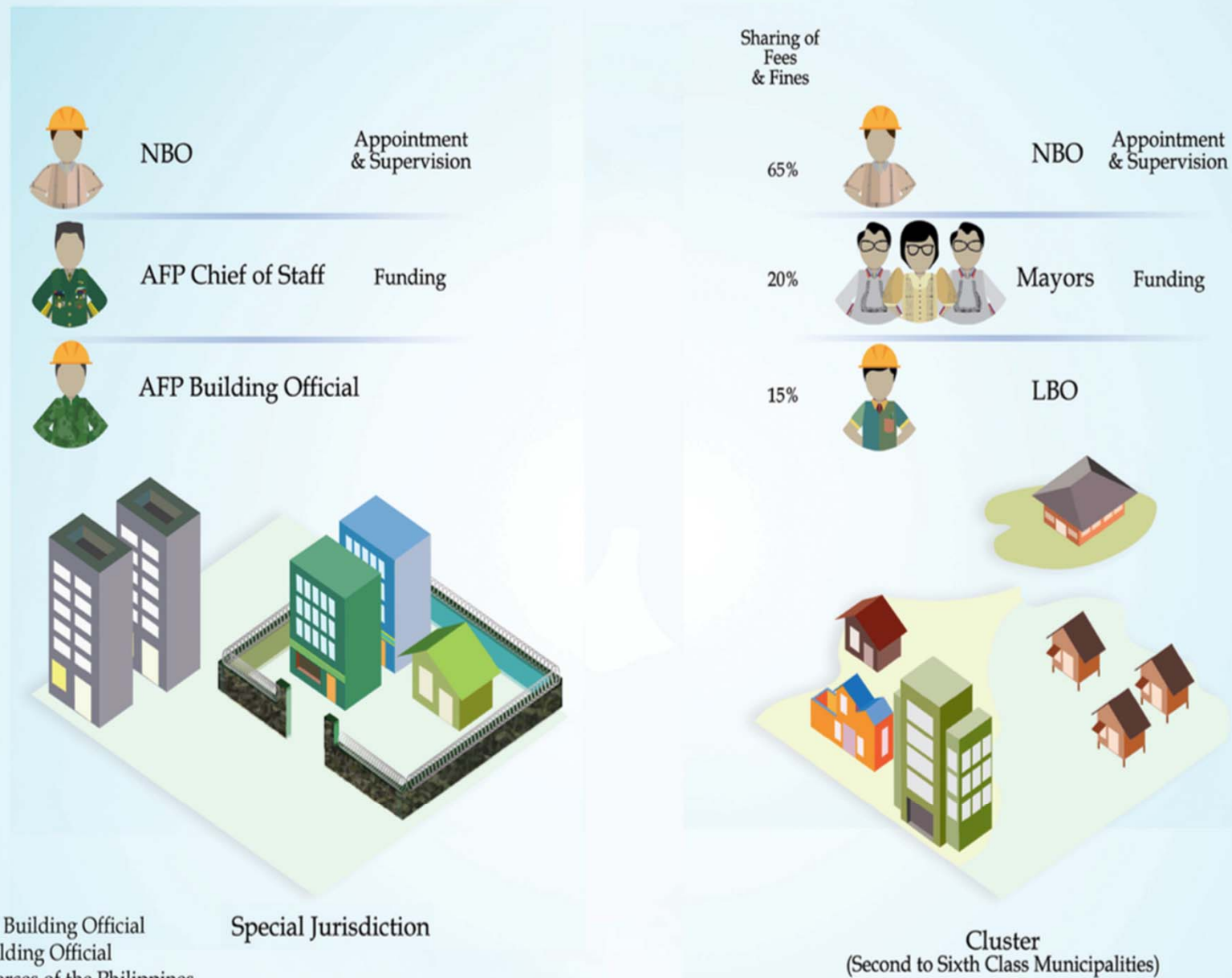


Figure 8b. Offices of Local Building Official Categorized According to Jurisdiction

Streamlined the Building Permit Issuance Process

- Joint Memorandum Circular with DILG, DICT, DPWH, DTI (2017)
- Pilot Implementation in Quezon City & Valenzuela City





Thank You!

