

**[PASIG CITY ORDINANCE NO. 06 Series of 2016,
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**AN ORDINANCE ESTABLISHING THE GREEN BUILDING
ORDINANCE OF PASIG CITY**

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WHEREAS, the 1987 Constitution of the Republic of the Philippines recognizes the right of the people to a balanced and healthful ecology in accord with the rhythm and harmony of nature;

WHEREAS, Republic Act 7160, or the Local Government Code of 1991 mandated all Local Government Units to ensure and promote the health and safety of the people, and enhance their right to a balanced ecology.

WHEREAS, overwhelming scientific evidence shows that global warming is altering the earth's normal temperature and rainfall patterns, and that human activities such as burning of fossil contribute to the Green House Gas (GHG) balance of the earth, which in turn leads to climate change;

WHEREAS, the effects of climate change are now being felt throughout the world in periods of long drought, abnormal deluges and floods-globally known known as EL Niño and LA Niña phenomena and more unpredictable weather conditions; and recent weather-related environmental catastrophes demonstrate the harmful effects of climate change in the Philippines;

WHEREAS, these intertwined problems of climate change social inequity, rising energy prices, and degradation of the natural system require an integrated response that goes for beyond reducing carbon emissions;

WHEREAS, climate change adaptation must be inextricably linked with actions to create and maintain jobs, improve community livability and public health, address social inequity and foster strong, resilient natural system;

WHEREAS, it is globally recognized that green building can significantly improve energy, water and resource efficiency, reduce waste and pollution generation protect the environment, and improve occupants' health and productivity consistent with the Pasig Green City vision;

WHEREAS, it has become imperative for both public and private buildings to include green building and landscape requirements based on local climatic, geological, and topographical conditions which, while stricter than current building standards, are shown to be cost effective over the life of the building;

WHEREAS, in order to ensure environmental sustainability of buildings, reduce its negative impact to health and environment and consequently drive market transformation, there is a need for the Local Government as building regulator to formulate, adopt and implement green building regulations;

WHEREAS, the City of Pasig has long standing commitment to leadership in Green Building standards, sustainable design and construction practices, efficient water and other resource conservation and management and the reduction of Green House Gas Emissions;

WHEREAS, the continuing development of real estates and land development projects must be mindful of the basic principles of conservation environment protection and planning patterns that consider the natural environment;

WHEREAS, institutionalization of eco-friendly systems and technologies supports government efforts to reduce greenhouse gases and other hazardous emissions from buildings and other structures;

WHEREAS, the implementation of a green infrastructure policy emphasizes the need to promote and protect the interrelation of the natural ecosystem and development as these are key factors that contribute to sustainable development, empowerment of the people and urban development.

NOW THEREFORE, BE IT ORDAINED by the Sangguniang Panlungsod of Pasig City in a session assembled:

ARTICLE I TITLE OF THE ORDINANCE

Section 1. **TITLE OF THE ORDINANCE.** This Ordinance shall be known and referred to as the "Green Building Ordinance of Pasig City."

ARTICLE II AUTHORITY AND PURPOSE

Section 2. **AUTHORITY.** This Ordinance is enacted pursuant to the Local Government Code which mandates the Local Government Units to ensure and support, among other things, the preservation and enrichment of culture, promote health and safety, enhance the right of people to a balanced ecology and preserve the comfort and convenience of their inhabitants.

Section 3. **PURPOSE.** This Ordinance is enacted for the purpose of improving the stability and efficiency of buildings in the use of natural resources, contributing to the global efforts in reducing Green House Gas (GHC) emission and minimizing impact of buildings on health and environment through Green Building Program.

Green Building Program is the practice of adopting sustainable features and measures in the design, construction and operation of buildings.

ARTICLE III DEFINITION OF TERMS

GREEN BUILDING PROGRAM – is a holistic approach to designing, constructing and operating buildings. It addresses issues on:

- i. Building designs and construction management;
- ii. Proper land use and promotion of diversity;
- iii. Efficient water and energy use and management
- iv. Healthy indoor, air quality;
- v. Proper management of emissions;
- vi. Effective solid waste management
- vii. Promote alternative mode of transportation;
- viii. Heritage conservation and promotion

GREEN BUILDING –A Green Building is one whose construction and lifetime operation assure the healthiest possible environment while representing the most efficient and least disruptive use of land, water, energy and resources.

The Building for Ecologically Responsive Design Excellence (BERDE) Rating Certification System – the BERDE Green Building Rating System is a tool to measure the environmental performance of buildings in the country. It serves as both a guideline for the design, construction, and operation of sustainable buildings, and a mechanism for recognizing the environmental stewardship of ecologically responsive structure. The use of BERDE removes the burden of time and resources from the city in developing and maintaining a new and standard or system.

Philippine Green Building Council (PHILGBC) – is a non-stock, non-profit organization that promotes the sharing of knowledge on green practices to the property industry to ensure a sustainable environment. It was organized to serve as a single voice in the promotion of holistic and market-based green building practices, to facilitate the sharing of green building information and practices in the building industry, and to serve as a non-partisan venue for the development of the BERDE Green Building Rating System. PHILGBC is an Emerging Member of the World Green Building Council (WorldGBC) and a member of the **WorldGBC – Asia Pacific Network**. The Council is also a member organization of the International Initiative for a Sustainable Built Environment (IISBE), and global partner of the GLOBE Alliance.

Global Warming – increase in the average temperature of the earth's atmosphere, especially a sustained increase sufficient to cause climatic change;

Green Materials – include all construction materials, hardware and fittings, roughins and finishing that are certified environment-friendly and the practice of optimizing its use such that construction;

Carbon Emission – the release of carbon into the atmosphere;

CENRO – The City Environment and Natural Resources Office

OBO – The Office of the Building Official

PUD – a planned unit development (PUD) is a large, integrated development adhering to a comprehensive plan and located on a single tract of land or on two or more tracts of land may be separated only by a street or other right-of-way. PUD is a form of development that, although conceived decades ago, can be used today to advance a number of important smart growth and sustainability objectives.

TAX CREDIT – amount of money that a taxpayer is able to subtract from the amount of tax that they owe to the government. The value of a tax credit depends on what the credit is being provided for, and certain types of tax credits are granted to individuals or business in specific locations, classifications or industries.

ARTICLE IV GREEN INFRASTRUCTURE

Section 4. **SCOPE OF APPLICATION.** This Ordinance shall apply to all buildings within the City of Pasig.

- **Old Buildings:**
 - Voluntary for residential unit with at least 50 square meters
 - Voluntary for public and private buildings with a total floor area of 10,000 square meters or less
 - Mandatory for more than a total area of 10,000 square meters including Planned Unit Development areas but will be given a grace period of two (2) years for compliance
- **New Buildings**
 - Mandatory in Planned Unit Development (PUD) areas
 - Mandatory for private buildings with total floor area greater than 10,000 square meters
- Exemptions
 - Heritage or cultural buildings
 - Post-disaster shelters and structures

Section 5. **BERDE Rating Certification System.** The Building for Ecologically Responsive Design Excellence (BERDE) Rating Certification System of the Philippine Green Building Council recognized by the Department of Energy is hereby adopted as component in this Ordinance.

Section 6. **MINIMUM STAR FOR BERDE CERTIFICATION**

- All buildings both government and private can get a 1-Star BERDE Certification if they can comply with the