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## **RULES OF AWARDS**

### **SPEC GO GREEN INTERNATIONAL AWARDS 2018**

#### **FOR YOUNG ARCHITECTS AND STUDENTS OF ARCHITECTURE IN ASIA**

In continuation of the success of the previous four years (2014, 2015, 2016, and 2017), the fifth SPEC GO GREEN awards, officially entitled “Spec Go Green International Awards 2018”, will be organised in 2018 with the following main contents.

#### **I. AIMS**

- To enable architectural designs that look forward to the minimisation of the negative influences of the building industry that has been strongly committed by governments by means of supporting green building globally.
- To respond to “Proclamation of Green Building” made by Vietnam Association of Architects.
- To encourage young professionals and students of architecture in Asia to continue their designs for green building and green architecture, as well as projects that make significant contributions to the socio-economic development, whereby the responsibility for the environment and sustainable development can be demonstrated.

#### **II. ELIGIBILITY**

- Young architects from all over Asia (under 40 years old).
- Students of architecture (or groups of students – no more than three members per group) currently studying at any schools of architecture in all Asian countries.

#### **III. CATEGORIES OF PARTICIPATION**

##### **1. Green buildings**

- Green buildings of all types that have been designed by young architects and already constructed - or at least the designs have already been approved.
- Architectural projects of all building types that have been designed or proposed by students for specific sites.

##### **2. Buildings and projects that have made substantial contributions to the communities**

Houses for areas affected by natural disasters (*storms, inundations and earthquakes*), houses for low-income people, community houses in rural areas, etc. This category encompasses buildings that have been already constructed, projects designed or ideas proposed by young architects and/or students of architecture.

## **IV. EVALUATION CRITERIA**

### **1. Criteria of green/sustainable architecture**

The criteria are primarily based on those issued and applied by Vietnam Association of Architects. (Please refer to Appendix for details).

### **2. Design criteria**

The creativity in the following criteria shall be considered: Built form – Function – Technology.

## **V. AWARDS**

### **1. Awards for students of architecture**

- One First prize: worth 4,000 USD.
- One Second prize: worth 2,000 USD.
- One Third prize: worth 1,500 USD.
- Two “Top 5” prizes: worth 1,000 USD each.
- Five “Top 10” prizes: worth 500 USD each.

### **2. Awards for young architects**

- One First prize: worth 10,000 USD.
- One Second prize: worth 5,000 USD.
- One Third prize: worth 3,000 USD.
- Two “Top 5” prizes: worth 2,000 USD each.
- Five “Top 10” prizes: worth 1,000 USD each.

### **3. Awards for buildings and projects for major contributions to the society and other criteria established and assessed by the Jury**

- Two awards: worth 1,500 USD each (for major contributions to the society)
- Two awards: worth 1,000 USD each (for satisfying other criteria established by the Jury).

Notes:

- *All award-winning participants will receive a Cup (or Order of Merit) and a Certificate from the Organising Committee. The award-giving ceremony will be solemnly organised in Hanoi (Vietnam).*
- *The prize will be converted from USD to VND at the fixed rate of 22,800 VND/1 USD.*
- *Award winners are responsible to pay personal income tax in accordance with the current Vietnamese law.*

## **VI. ENTRY REQUIREMENTS**

### **1. For young architects**

- A building project should be submitted and presented in one drawing only (A0 size, portrait format) with a full design content, the name of the project/building, site location, year of design/construction and a short description of no more than 500 words in English

or Vietnamese language (excluding legends and notes). The project must be anonymous. Instead, a self-selected code will be given by the author(s) and placed to the top-right corner of the drawing. (Personal information will not be printed).

- Additional information should be separately given (not printed in the drawing to be submitted): Full name(s) of author(s), portrait(s) (4 cm x 6 cm) will be provided with the name of the company/institute/organisation, name of country with contact details (telephone/mobile phone number, e-mail address and postal address).
- A scan of personal ID card (both sides) or the first page of passport with a personal photo.
- A complete project should be submitted as required and instructed by the Organising Committee on the website: [www.specgogreen.com](http://www.specgogreen.com) ( Hard and soft copy).

## **2. For students of architecture**

- A building project should be submitted and presented in one drawing only (A0 size, portrait format) with a full design content, the name of the project/building, site location, year of design/construction and a short description of no more than 500 words in English or Vietnamese language (excluding legends and notes). The project must be anonymous. Instead, a self-selected code will be given by the author(s) and placed to the top-right corner of the drawing. (Personal information will not be printed).
- Additional information should be separately given (not printed in the drawing to be submitted): Full name(s) of author(s), class(es), study course(s), address(es) of university/universities, name of supervisor, name of country of participant(s), with portrait(s) (4 cm x 6 cm) and contact details (telephone/mobile phone number, e-mail address and postal address).
- A scan of personal ID card (both sides) the first page of passport with a personal photo.
- A complete project should be submitted as required and instructed by the Organising Committee on the website: [www.specgogreen.com](http://www.specgogreen.com) ( Hard and soft copy).

*Notes:* Author(s) and project(s) participating in the awards must ensure the reliability of the contents in the documents submitted to the Organising Committee and bear the responsibility of the design copyright.

## **VII. JURY**

The Jury consists of seven members – well-known architects and experts in Vietnam and abroad (The list of Jury members will be announced on the official website [www.specgogreen.com](http://www.specgogreen.com)).

## **VIII. TIMELINE**

- Announcement of competition in newspapers, on televisions and internet: officially announced on the websites [www.specgogreen.com](http://www.specgogreen.com) and [www.kienviet.net](http://www.kienviet.net).
- Submission of projects/designs: 30<sup>th</sup> November, 2018
- Evaluation and selection: 07<sup>th</sup> and 08<sup>th</sup> December, 2018
- Announcement/presentation of awards, and exhibition of award-winning projects/designs: 12nd January, 2019

**CONTACT: Organising Committee of Awards**

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## **ORGANISING COMMITTEE**

# APPENDIX

## CRITERIA FOR EVALUATION AND SELECTION

**A. Criteria of Green/Sustainable Architecture:** The criteria are primarily based on those issued and applied by Vietnam Association of Architects. The Organising Committee has re-edited these criteria and will use them for the evaluation and selection of participating projects.

### 1. Sustainable site

This criterion is required in order to shape a harmonious and sustainable landscape, to minimise the negative impacts of a building on the surrounding area and to make full use of all the favourable conditions of the nature for the living environment of human beings.

#### ***Construction site should be in accordance with the current planning:***

- The site should be located within an area where the spatial planning has been approved, and the land area for building purpose needs to be appropriate to the existing building(s) in terms of function and also in consideration of the future development.
- The site should be convenient for transport and access, power and water supply, as well as communication.
- The site should comply with the regulations in planning management, protection and buffer zones applicable to buildings and relevant planning management policies.

#### ***Protection of environment and natural landscape***

- Protection and conservation of eco-systems and natural landscape:
  - The building(s) will not cause pollution to the environment and neighbouring buildings.
  - The building(s) will not change so much the typology of the site, the terrain, eco-systems and natural landscape.
- During the construction of the building(s), the monitoring and control of pollution or contamination caused by the construction work to the surrounding area are strongly recommended.

#### ***Prevention and mitigation of natural disasters and adaptation to climate change***

- Solutions in planning, architecture and technology should be developed in response to climate change and help minimise the devastation/damage of natural disasters (such as flood, land slide, storm and whirlwind, etc.).

#### ***Harmony with natural landscape***

- Solutions in spatial planning and architectural design should not only be in harmony with natural landscape, but also enhance the quality of such beautiful natural landscape.

#### ***Restoration and improvement of environment and landscape***

- Landscape design solutions applicable to green areas, water bodies, architecture and building technology will help restore and improve micro-climatic conditions and enhance the beauty of the local natural landscape.

### 2. Efficient consumption of energy and use of natural resources

Building design solutions should enhance the efficiency and help save both energy and natural resources; reduce negative impacts on the natural environment and minimise the greenhouse effect in using natural resources, such as land, water, energy, materials, etc. for the development of architecture.

#### ***Land saving in building***

- Building density and land use ratio should be in accordance with the properties and purposes of use of building(s), as well as the landscape requirements for the area.
- Use uncultivated or uninhabited land, not agricultural land, for building purpose and try to conserve eco-systems.
- Develop solutions to create green areas and underground spaces, and economise land use for building purpose.

#### ***Energy saving and efficient energy use***

- Solutions in planning, architecture, selection of building materials, application of technology and installation of equipment should ensure energy efficiency use and save as much energy as possible. It is strongly advised to exploit energy sources locally available, particularly renewable energy, in compliance with the relevant standards and codes currently applied.
- Controlling, monitoring and/or managing systems should be properly used towards the minimisation of energy consumption of building service systems.

#### ***Exploitation and efficient use of air circulation and daylight***

Solutions in planning, architecture, use of building materials, application of technology and installation of equipment should ensure efficient use of air circulation and daylight which are of course good for building occupants' health. By doing so it is possible to minimise air-conditioning and artificial lighting.

#### ***Efficient use of water***

- Save clean water as a valuable natural resource and comply with relevant standards and codes currently applied.
- Develop water-saving solutions and minimise water leakage.
- Rain water and wastewater should be collected, treated and reused.
- Ensure that water sources are safe and will not have any harmful effects on human health and living environment.

#### ***Use of environment-friendly materials***

- Materials to be used for the building(s) must be free of hazardous substances and emissions (radioactive materials, chemicals, volatile organic compounds, etc.).
- Use of local materials should be encouraged, so that the natural resources will not become exhausted, and can even be reused or recycled.

#### ***Application of green technologies***

- Application of innovative and intelligent solutions in engineering, technology and equipment for design and construction of buildings and - on a larger scale - a whole urban area will help minimise loss of energy, costs and environmental pollution.

### ***Efficient management in building and use of buildings as well as urban areas***

- Application of waste sorting and treatment without causing pollution for the second time.
- Application of reuse and recycling solutions to deal with building waste and try to minimise the amount of waste transported to waste disposal sites and recycle the amount of waste arising throughout the life cycle of a building.
- Management of use of energy, water and materials must meet the requirements towards saving and efficiency according to relevant standards and codes currently applied.
- Management and operation of building(s) and urban area(s) must ensure that CO<sub>2</sub> emissions and waste substances will not exceed the amounts required in standards.

### **3. Indoor environment**

- Indoor environment must be safe, hygiene and comfortable to building occupants while the building(s) can still be effectively used.

#### ***Room design***

- Rooms should be designed in accordance with specific purposes of use and the needs of building occupants, physio-psychologically considered.
- Rooms specially reserved for and used by disabled people must be designed as required.
- Room design must meet the needs of building occupants for social communication.

#### ***Building envelope***

- Building design, including built forms, spatial planning, structural design and building envelope, must meet the requirements for the prevention and mitigation of the negative impacts of both natural and artificial factors, such as solar radiation, light and lighting, wind and rain. Other requirements include: thermal insulation, sun shading, ventilation, reflection, illumination, noise control, elimination of the condensation of humidity as well as the diffusion of toxins.
- Use of materials for the building envelope must take the advantage of the natural environment towards energy saving and efficiency.

#### ***Materials for interior design***

- Use of materials for interior design, such as paints, gypsum, wood and plastic, must be free of emissions of greenhouse gases or hazardous substances that have negative effects on the health and physio-psychological state of building occupants.

#### ***Indoor air quality***

- Natural ventilation
  - Make full use of cool wind in terms of providing fresh air for building occupants;
  - Minimise and avoid, if possible, cold/hot wind that may have negative effects on human health;
- Mechanical ventilation

- Ensure that air quality, room temperature, humidity, indoor wind speed, etc. are adequate to meet the requirements for comfort and well-being of building occupants;
- Minimise the use of energy-intensive equipment and appliances for heating and cooling in residential buildings.
- Air pollution must be controlled and should not exceed the maximum level allowed in the current standards.

#### **Noise**

Noise must be controlled and should not exceed the maximum level allowed in the current standards.

#### **Lighting**

- Ensure the following factors/conditions: illuminance, lighting indicator, visual effect and minimisation of energy consumption.
- Solutions to control and manage lighting/illumination towards energy saving and efficiency should be applied and easy/convenient to use.

### **4. Innovative architecture and architectural identity**

This requirement has been included to develop innovative architecture on the basis of the continuity of traditional values and an emphasis on vernacular/local architecture.

**Planning and architecture:** Solutions should be compatible/appropriate to the needs of people living and working in a modern society and help them understand much better as well as respect/appreciate the cultural values of a society in the future.

**Conservation, continuation and promotion of cultural values and traditional architectural styles** which are highly characteristic for each region and nation/ethnic group.

**Application of advanced science and innovative/climate responsive technology** which is expected to bring socio-economic benefits to the community.

### **5. Social sustainability and humanities**

The development of architecture should be closely connected with the goals in establishing, protecting and nurturing social environment and humanities towards stability and sustainability.

**Ensure the harmony with social environment and humanities:** The harmony with humanities, such as cultural tradition, history, religion, lifestyle, etc. should be emphasised and highlighted.

**Meet the material, cultural and spiritual needs of individuals, communities and nations:** It is important to respect the rights and needs of communities in order to avoid



conflicts of interest and to ensure the integration of disabled people into the society as well as to help marginalised groups (low-income residents).

***Respect, conserve and promote the values of cultural heritage***

- Respect, conserve and promote all the values of cultural heritage, both tangible and intangible one.
- Explore and discover new heritage and propose solutions to conserve the heritage and put it into a closer relationship with the local socio-economic activities.

***Ensure a stable socio-economic context***

- Ensure a harmony of interests among different groups of the local community without causing any negative problems, hereby it is possible to establish and secure a stable and sustainable socio-economic development for the local community.
- Ensure an efficient management concept by respecting and encouraging the public participation in the design process, investment in construction, use and operation of building(s) as well as urban area(s).

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