

PROPOSAL

CERTIFICATE IN SUSTAINABILITY

FOR THE BUILDING COMMUNITY

8-16-17

1. **RATIONALE/GOAL**-The purpose of this certificate is to fulfill a market need for currency in sustainability issues, legislation and evolving trends for the building community (developers, builders, contractors, project managers, construction administrators, realtors, etc.) and to enhance their knowledge and understanding as well as foster their ability to work with agencies, groups, vendors, etc. to achieve business and development goals.
2. **SPONSORING ENTITIES**- ECOhouse Architecture
3. **CERTIFICATE OVERVIEW**- Four courses focused on key issues, current legislation, emerging trends, etc. in sustainability that impact the building community and which are presented by national and regional experts resulting in the award of a formal certificate upon successful completion of the program

4. PROGRAM LEARNING OBJECTIVES

Upon completion of all of the courses in this certificate, the participant will be able to:

-understand and utilize the nomenclature of the sustainability concept and its various components

-understand /recognize current codes and implementation regulations leading up to NetZero in 2020 including those related to Affordable Housing

-examine the variety of benefits and values of sustainability in different areas

-apply or adapt sustainability metrics to own projects

-utilize or select resources, materials and vendors which would be effective in own projects

-evaluate determine the factors in own projects related to the needs of the local culture and public buy-in

-share experiences and network with others in the building community and regional experts in sustainability

5. COURSES/CONTENT FOCUS

- a. **Codes and Implementation Regulations** (CA, San Diego, and regional market trends); **implementation and Title 24 trends, Green Building code leading to NetZero in 2020, Affordable Housing, etc.** **LIZ**
- b. **Benefits**- taxes, government incentives, pricing, sales and after-market, etc.; '**Value**' of sustainability in different areas (energy efficiency, water efficiency, healthy materials/interiors, ecological impact and Carbon Footprint/CSR); **expansion in market demand for sustainable living** **LIZ**
- c. **Levels of Sustainable Options** - Goal-setting and identifying Owner's Project Requirements + understanding of sustainability metrics, and how code/LEED/LivingBuilding/etc work with each other (eventually will filter into specifics about building, envelope, ;**Resourcing of Materials** - vendors, location, accessibility, etc.) **RAVI**
- d. **Integrative Process + Public mediation** -starting the process early in order to integrate into local culture and jurisdiction and get public buy-in; annual reporting metric market driver in sustainability-GLOBAL REAL ESTATE SUSTAINABILITY BENCHMARK (GRESB) **RAVI**

6. LOGISTICS

DELIVERY LOCATION –**ECOhouse Architecture, 2640 Financial Ct, San Diego, CA 92117**

- a. **SCHEDULE**-- 90 min. each, Saturday afternoon-could bundle -2/**Saturday (3 1/2 hr with 30 minute break-networking, etc.)**
- b. **INSTRUCTOR**\$- Ravi Bajaj and Elizabeth Carmichael
- c. **BUDGET AND COMPENSATION STRUCTURE**-staff support, instructors, hospitality, technical support
- d. **CERTIFICATE FEES AND REGISTRATION PROCEDURES**\$- per class or entire program only; online registration-Eventbrite; open enrollment; **reduced fees for SDGBC members**
- e. **ADDITIONAL ELEMENTS**\$-glossary, program evaluation protocol, dedicated website (WIX?), resource networking, contact phone numbers; bios and photos- Ravi and Liz
- f. **MAXIMUM NUMBER OF PARTICIPANTS** \$ – 20
- g. **PROGRAM MANAGER**-**JOANN CARTER-WELLS, ECOhouse**

7. ADVERTISING/DISSEMINATION-BOTH ENTITIES AND EVENTBRITE

8. **OPTIONAL SITE VISIT**-negotiated-\$150 Point person-Terry Wardell, 311 Sea Ridge, La Jolla; Blue Heron Design-Build-hard hats and site construction appropriate clothing and site waiver; length of time and add to 2nd meeting day-travel from ECOhouse

9. **MOCK-UP OF CERTIFICATE COMPLETION/AWARD DOCUMENT**

ECOhouse ARCHITECTURE

presents this

Certificate in
SUSTAINABILITY
FOR BUILDING COMMUNITY

to

**for successful completion of the four courses in this
CERTIFICATE PROGRAM**

Date

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Ravi Bajaj, LEED AP BD+C, ID+C, O+M

Project Manager

Healthy Buildings

Elizabeth J. Carmichael, AIA, USGBC

Principal Architect, Owner

ECOhouse Architecture

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