Anitra Pickett Final CE Deliverables to MSUS Committee SOS 593

Raising the Floor Statewide on High Performance Building Practices: Formation of a Non-Profit Green Building Community Coalition for Knowledge Sharing, Advocacy, and Policy Change

Project Abstract

This project is creating a non-profit green building organization called AZ Build Green Coalition. There is currently no statewide neutral organization for knowledge sharing about various green building initiatives throughout Arizona. Multiple municipalities in the state are now interested in and starting to execute green building initiatives through varied processes. Yet, each municipality is remaking the wheel and select green building champions in each city usually lead these efforts without a lot of funding or capacity. A central source for knowledge sharing and education would be instrumental in facilitating faster and more efficient movements with green building initiatives and codes. For example, the city of Scottsdale is in the process of being the first municipality in the nation to adopt the newest version of the International Green Construction Code (IgCC). This project has been involved in and aided in that initiative. The city of Tempe has initiated three IgCC 2018 pilot projects. Other municipalities in the state are interested in the IgCC and several have previously adopted it on a voluntary basis. Sharing resources and code approval barriers through a central forum would be beneficial for faster progress and also navigating the political barriers more effectively. The non-profit aims to assist with this collaboration and future high performance building initiatives through tools such as: public presentations, a central sharable document repository, an online presence, and other collaborative tools.

Project Deliverables:

1) Create a central database/contact list for green building champions around the state.

(Not) Attached:

Completed. Due to the potentially sensitive nature of releasing contact names and contact information, it has been decided to keep this list internal to AZ Build Green Coalition. It is currently an excel sheet but if funding is acquired for the non-profit it will be transitioned into Constant Contact or other similar membership software.

Description:

This project has involved developing substantial contacts and creating a network of interested green champions around the state. While the focus has been on identifying green champions in every municipality where there is interest, forming an effective coalition also involves bringing together individuals from all segments of the complex construction industry. This includes academic resources, architects, contractors, non-profits, and national green building code experts. I attended a national ICC code convention where I was introduced to and joined the Sustainability Membership Council, a specialized board within the code organization that

researches and advocates for sustainability initiatives being introduced to the international codes. This committee also has particular insight into the development and use of IgCC codes. In addition to contacts formed there, I have been individually speaking with and meeting with various municipalities about their individual efforts. These conversations have created more and more contacts.

The contact list is currently being maintained on excel and includes the following information: name, email, phone, municipality (if relevant), organization (if not a municipality), title, specific interest (if applicable) and notes. The specific interest section refers to if the contact has a particular interest in IgCC adoption, IECC, specific subsets of the code, or is generally interested in everything. The notes section includes personal notes such as how I located this individual, if I have specific questions for the individual, or other miscellaneous information.

2) Formally register and launch the non-profit AZ Build Green Coalition as a legal organization.

Attached:

Completed. ACC non-profit filing receipt, Articles of Incorporation for AZ Build Green Coalition, ACC non-profit approval.

Description:

Initial marketing and business concept was created, name was researched and decided, a board was recruited, statutory agent decided, Articles of Incorporation written, domain names were purchased, and AZ Build Green Coalition has been registered as a licensed business in Arizona. Anitra Pickett has been named as Director and statutory agent. Annual report is due 1/23/2023. As there is no immediate funding or monetary exchanges and research is showing that this designation may prove limiting to potential non-profit lobbying efforts (or activities that could be deemed as lobbying), the application for IRS for 501c3 status has been removed from this project.

3) Facilitate a Sustainable Cities Network (SCN) presentation regarding green building codes and showcase current Arizona municipality efforts.

Attached:

Completed and approved announcement that Anne Reichman sent out to the community network. Completed presentation. Presentation has been uploaded to the public and can be viewed here: <u>https://www.youtube.com/watch?v=HD5IWSvXjyQ</u>

Description:

See announcement for full description. This was a SCN Energy Efficiency workgroup meeting March 8 at 1PM. I additionally invited my own contacts and students/professors so there was a wide variety of interests and knowledge levels in the audience. I agreed with the other presenters to be in charge of presenting a bigger picture background and followed with the two case studies of Scottsdale and Tempe. I worked with SCN and both cities to facilitate this discussion with the two individual case studies.

4) Design a LinkedIn business page for the non-profit, which will be the main online presence.

Attached:

Pdf of screen shot of initial design. The page is located at:

<u>https://www.linkedin.com/company/az-build-green-coalition/</u> and content/members will be added ongoing. I will do a follower blast with my contacts and the AZ Build Green Coalition membership database to gain a multitude of members at once when I have the bandwidth to handle the social media management that results, likely after the CE presentation.

Description:

It was determined that building an operable website was outside the scope and funding available for this project. To allow for future expansion, domain names have been purchased and are being held. A suitable alternative within the scope of this project was to design and publish a LinkedIn online prescence for the business. Arguably, this may be more effective considering the purposes of the non-profit, which is collaboration and sharing resources when current events arise within particular municipalities. The LinkedIn page will allow for continuous posts, interested parties to find the non-profit through a search, and easy collaboration/information sharing between participants.

5) Coalition Document and Education Repository

Attached:

Pdf of Dropbox Document Repository

Description:

After researching document sharing options and associated pros/cons, it was decided to create a cloud based Dropbox site in order to collect and organize green building resources from municipalities around the state. On an ongoing basis, resources are being collected and organized in file folders locally. This can be opened up for sharing and use as need arises, such as publishing articles on the LinkedIn page from the repository.

6) Participate in Scottsdale mandatory IgCC 2021 adoption initiative.

Description:

This involves speaking to people on the phone, informal emails to Scottsdale, assisting Scottsdale as research opportunities arise, and attending the Scottsdale municipal meetings surrounding the issues. I am working closely on a volunteer status with the Scottsdale Green Building Director, Anthony Floyd.

I attended the Scottsdale Building Advisory Meeting for January, February, and will attend the vote on amendments next week in April. I invited several other interested stakeholders and have made cold calls and set up meetings to add insight into the issues. I spoke with some industry experts surrounding several issues, including the EV charging station requirements and the Home Builder Association's objection to this section of the IgCC. Scottsdale asked me to research supply chain issues surrounding the waste diversion requirement. I contacted a previous ASU contractor and was able to discuss and then send Scottsdale some valuable information and

perspective. I submitted a public information request to ADOT and provided the data to Scottsdale, as requested and needed to overcome objections to IgCC amendments. This is an active and ongoing process with an expected City Council vote in summer 2022.

QUICK RECEIPT Arizona Corporation Commission Receipt Number:202201231564537 Receipt Date: 01/23/2022

Date Printed: 01/23/2022

Anitra Pickett

The following details your transaction(s):

Payment Submitted:

Payment Type	Check/Ref No.	Amount
Credit Card	xxxxxxxxx3357	\$ 75.00
	Total Amount:	\$ 75.00

Transactions posted to this receipt:

Entity Name	Document Type	Transaction Amount	Expedite Amount	Amount
AZ BUILD GREEN COALITION	Articles of Incorporation - Nonprofit	\$ 40.00	\$ 35.00	\$ 75.00
			Total Amount:	\$ 75.00

1300 West Washington, Phoenix, Arizona, AZ 85007 www.ecorp.azcc.gov

Articles of Incorporation of AZ Build Green Coalition

The undersigned, a majority of whom are citizens of the United States, desiring to form a Non-Profit Corporation under the Non-Profit Corporation Law of Arizona, do hereby certify:

First: The name of the Corporation shall be AZ Build Green Coalition.

Second: The place in this state where the principal office of the Corporation is to be located is the City of Scottsdale, Maricopa County.

Third: Said corporation is organized exclusively for charitable, religious, educational, and scientific purposes, including, for such purposes, the making of distributions to organizations that qualify as exempt organizations under section 501(c)(3) of the Internal Revenue Code, or the corresponding section of any future federal tax code.

Fourth: The names and addresses of the persons who are the initial trustees of the corporation are as follows:

Anitra Pickett Address: 9287 E Cortez St Scottsdale, AZ 85260 Andrew Follett Address: 11510 Greenfield Dr Bellemont, AZ 86015 Derek Snyder Address: 9287 E Cortez St Scottsdale, AZ 85260

Fifth: No part of the net earnings of the corporation shall inure to the benefit of, or be distributable to its members, trustees, officers, or other private persons, except that the corporation shall be authorized and empowered to pay reasonable compensation for services rendered and to make payments and distributions in furtherance of the purposes set forth in Article Third hereof. No substantial part of the activities of the corporation shall be the carrying on of propaganda, or otherwise attempting to influence legislation, and the corporation shall not participate in, or intervene in (including the publishing or distribution of statements) any political campaign on behalf of or in opposition to any candidate for public office. Notwithstanding any other provision of these articles, the corporation shall not carry on any other activities not permitted to be carried on (a) by a corporation exempt from federal income tax under section 501(c)(3) of the Internal Revenue Code, or the corresponding section of any future federal tax code.

Sixth: Upon the dissolution of the corporation, assets shall be distributed for one or more exempt purposes within the meaning of section 501(c)(3) of the Internal Revenue Code, or the corresponding section of any future federal tax code, or shall be distributed to the federal government, or to a state or local government, for a public purpose. Any such assets not so disposed of shall be disposed of by a Court of Competent Jurisdiction of the county in which the principal office of the corporation is then located, exclusively for such purposes or to such organization or organizations, as said Court shall determine, which are organized and operated exclusively for such purposes.

In witness whereof, we have hereunto subscribed our names this 23rd day of January, 2022.

Chritter Pr- Kat

Anitra Pickett



Corporations Division

COMMISSIONERS Lea Márquez Peterson - Chairwoman Sandra D. Kennedy Justin Olson Anna Tovar Jim O'Connor

Date: 1/26/2022

Delivered via: Email

Anitra Pickett

RE:Entity Name:AZ Build Green CoalitionACC File Number:23323918ACC Order Number:202201231564537Document Received Date:01/23/2022

We are pleased to notify you that the Articles of Incorporation - Nonprofit submitted for the above-referenced entity have or has been APPROVED for filing.

If the known place of business of the corporation is NOT in Maricopa County or Pima County, the document must be published. The publication must be completed within 60 days after 1/26/2022, which is the date the ACC approved the document for filing, and must be in a newspaper of general circulation in the county of the known place of business in Arizona for three consecutive publications. A list of acceptable newspapers in each county is available on the ACC website at http://azcc.gov/docs/default-source/corps-files/newspaper-list-for-publishing.pdf. You may receive an Affidavit of Publication from the newspaper that may be filed with the ACC, but filing it is not mandatory.

If the known place of business of the corporation is in Maricopa County or Pima County, the Commission has already posted notice of the approved document on its website at http://ecorp.azcc.gov/publicnotice/index. This posting by the Commission satisfies the statutory requirement for public notice, and no further action on your part is required in order to satisfy the notice requirement. You may, however, choose to provide additional public notice by publishing a copy of the approved document in a newspaper. If you choose to publish, the publication must be completed within 60 days after 1/26/2022, which is the date the ACC approved the document for filing, and must be in a newspaper of general circulation in the county of the known place of business in Arizona for three consecutive publications. A list of acceptable newspapers in each county is available on the ACC website at http://azcc.gov/docs/default-source/corps-files/newspaper-list-for-publishing.gdf.

IMPORTANT: Corporations are required by statute to file an Annual Report with the ACC once each year. Your Annual Report is due on 01/23/2023 and on the anniversary of that date each subsequent year. Annual Reports can be submitted electronically through the ACC website. It is the corporation's sole responsibility to file its Annual Report on or before the due date each year. If the corporation provided an entity email address, it will receive an email reminder at that email address to file the annual report. Individual users who have created user accounts on our website and who have associated the corporation to that account through the "My Entities" section will also receive an email reminder. Whether or not the corporation or any individual user requests or receives any email reminder, however, if the corporation fails to file its Annual Report by the due date, penalties will accrue and the corporation will be subject to being administratively dissolved.

Corporations are required by statute to notify the ACC immediately, in writing, of any change in address or statutory agent information. Forms are available on the ACC website to make address and statutory agent changes. Failure to notify the ACC of such changes may subject the corporation to being administratively dissolved. A forwarding order placed with the U.S. Postal Service is not sufficient to change addresses on file with the ACC. (Foreign corporations have additional filing requirements under A.R.S. § 10-11504 or § 10-11504 for other types of changes – see the statute for details.)

The Corporations Division strongly recommends that you periodically monitor your corporation's public record, which can be viewed at <u>ecorp.azcc.gov</u>. If you have questions or for further information, contact Customer Service at 602-542-3026, or, within Arizona only, 800-345-5819.

Division Director Tanya Gibson 1300 W.Washington Street, Phoenix, AZ 85007 | 602-542-3026 | azcc.gov

Anitra Pickett

From:	Anitra Pickett <anitrapickett@gladtravel.com></anitrapickett@gladtravel.com>
Sent:	Monday, March 28, 2022 10:39 AM
То:	anitrapickett@gladtravel.com
Subject:	TODAY! 3/8/22 at 1pm - Sustainable Building Code Developments in Arizona: International Green Construction Code (IgCC) & AZ
-	Build Green Coalition



You're Invited!

SCN Solar & Energy Efficiency (SEE) Workgroup – March 2022

Tuesday, March 8, 2022 at 1:00PM-2:30PM

Sustainable Building Code Developments in Arizona: International Green Construction Code (IgCC) & AZ Build Green Coalition

- Anitra Pickett, MBA, MLS & LEED Green Associate
- Anthony Floyd, Green Building Program Manager and Energy Code Specialist, City of Scottsdale
- Braden Kay, Sustainability Director, City of Tempe

Please join us to learn about the IgCC (International Green Construction Code) and exciting developments in our state with the adoption and use of this green building code. Facilitator Anitra Pickett will announce and describe a new non-profit coalition aimed at bringing together resources for use by local green building champions. Anthony Floyd, Green Building Director of Scottsdale, will join to share his efforts and tips for moving the IgCC from a voluntary code, to 28 IgCC projects, to now Scottsdale potentially being the first municipality in the nation to adopt the new IgCC 2021 version as mandatory. The City of Tempe's Sustainability Director, Braden Kay, will discuss the incorporation of the IgCC into the city Climate Action Plan and Tempe's first IgCC construction project.

Zoom/Conference Call Registration Link: https://asu.zoom.us/meeting/register/tZElfu6vqDgqGdLFkdEgOLO8hDauwoVZFGo

Questions? Please email Anne Reichman at anne.reichman@asu.edu or via Outlook meeting notice.

Please note this meeting is open to SCN municipal, tribal, county and state government participants; ASU students, faculty and staff; and select SCN partner organizations.



Anitra Pickett, MBA, MLS & LEED Green Associate ASU Candidate for School of Sustainability Master of Sustainability Solutions

As part of her final master's project, Anitra founded and serves as the Director of the non-profit AZ Build Green Coalition. She has experience working on a wide range of high performance construction initiatives including Living Building Challenge projects, LEED projects, and developing ASU's Sustainable Design Guidelines. Anitra previously built and operated an ecoresort in Hawaii, where she tested the boundaries of sustainable off-grid living and innovation. Before her green construction years, Anitra graduated from Yale University with a major in Economics and Psychology, was a currency trader on Wall Street, worked in high net worth asset management, and earned an MBA at Hawaii Pacific University.



Anthony Floyd, Green Building Program Manager and Energy Code Specialist, City of Scottsdale

Anthony Floyd is a licensed architect, certified sustainability professional and Fellow of the American Institute of Architects. He's a former City of Scottsdale building official and since 1997 has served as the city's green building program manager and energy code specialist. He helped to establish Arizona's first Green Building Program and is responsible for education, outreach, project qualification, and maintaining Scottsdale's regionally based green and energy efficiency criteria. He was instrumental in Scottsdale's adoption of the International Energy Conservation Code (IECC), International Green Construction Code (IgCC) and LEED Gold city facility policy. He currently serves on the project committee for the ASHRAE 189.1 Standard for the Design of High-Performance Green Buildings, the ICC Sustainability, Energy and High-Performance

Code Action Committee (SEHPCAC) and the AIA Building Performance Knowledge Community.

Braden Kay, Sustainability Director, City of Tempe

Dr. Braden Kay is the Sustainability Director at the City of Tempe. Braden works with city departments on reaching sustainability targets in energy, transportation, waste, water, land use, local food, housing, and social issues. He was recently the Sustainability Project Manager for the City of Orlando, where he led sustainability implementation in waste diversion, urban forestry, and urban agriculture. He received a PhD from Arizona State's School of Sustainability for his dissertation work on stakeholder engagement and strategy building within the City of Phoenix. Previously, Braden managed community engagement, sustainability assessment and strategy building for the City of Phoenix's

Reinvent Phoenix grant, which was funded by the U.S. Department of Housing and Urban Development's Sustainable Communities program. Braden has experience consulting municipal governments, non-profits, and corporations. Braden's academic and professional experience in urban planning, municipal government and sustainability implementation make him an asset for innovative urban sustainability efforts.

Meeting Agenda

- I. Welcome/Introductions
- II. Sustainable Building Code Developments in Arizona: International Green Construction Code (IgCC) & AZ Build Green Coalition
 - Anitra Pickett, MBA, MLS & LEED Green Associate
 - Anthony Floyd, Green Building Program Manager and Energy Code Specialist, City of Scottsdale
 - Braden Kay, Sustainability Director, City of Tempe

III. Community & EV Subgroup Update (if time available)

- IV. Next Meeting Dates:
 - Tuesday, April 12, 2021 @ 1pm EV Subgroup
 - Tuesday, May 10, 2022 @ 1pm SEE Workgroup
 - Tuesday, June 14, 2022 @ 1pm EV Subgroup
 - July No Meeting

Sustainable Cities Network & Project Cities Program Arizona State University

PO Box 875402 Tempe AZ 85287-5402 p: <u>480-965-2168</u> c: <u>602-309-7827</u> email: <u>anne.reichman@asu.edu</u> web: <u>sustainablecities.asu.edu</u>

ASU #1 in the U.S. for innovation —U.S. News & World Report



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Sustainable Building Code Developments in Arizona:

International Green Construction Code (IgCC) & AZ Build Green Coalition

Presented By: Anitra Pickett Anthony Floyd Braden Kay

What are Building Codes?



- Set of rules established by a municipality
- Create standards for constructed objects
- Cities adopt a "family" of codes: energy, commercial construction, single family construction, fire, etc.
- Construction projects must comply to receive permits
- Codes are enforceable
- Mandatory, although some cities adopt additional voluntary codes
- AZ is a "home rule" state: no statewide code is adopted and the local government can select any code or even no code

What's the Difference Between Green Codes & Rating Systems?

CODES IgCC (and other codes IECC, CalGREEN...)

- Baseline/Minimum Standards
- Set of rules to abide by
- Model Code
- Municipality can amend to local conditions or needs
- Enforceable by municipality

Industry driven



RATING SYSTEMS LEED, Green Globes, Living Building Challenge (ILFI)

- Aspirational
- Usually optional
- Rating/Certification System
- Set system with pre-requisites and then options to achieve certification
- Reporting done by construction team and verified by third party non-profit organization
- Market driven

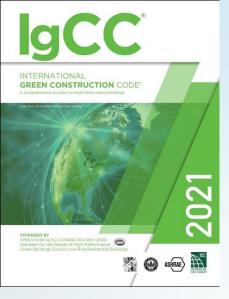




Source: International Code Council ICC

What is IgCC? International Green Construction Code

- Administered by ICC (International Code Council) family of codes as solution to go beyond base standards. It is a standard for the design of high performance commercial and multi-family green buildings.
- ICC codes are most widely used codes in North America
- ICC codes are in use or adopted in all 50 states
- IgCC is first green construction code with collaboration between main players: ICC, ASHRAE, USGBC, AIA, IES
- Flexible and adaptable to local climate conditions with amendments and prescriptive or performance options
- Municipalities can use portions of code in specific areas or adopt all of IgCC with amendments.



Source: International Code Council ICC



Source: International Code Council ICC

What is IgCC: 2021 Structure/Chapters

Chapter 1: Scope & Administration Chapter 2: Reserved Chapter 3: Definitions, abbreviations and acronyms Chapter 4: Reserved **Chapter 5: Site Sustainability Chapter 6: Water use efficiency Chapter 7: Energy efficiency Chapter 8: Indoor environmental quality Chapter 9: Materials and resources** Chapter 10: Construction and plans for operation Chapter 11: Normative references **Appendices A-N**

*ICC Green Construction Professional Certification Exam



Source: International Code Council ICC



Municipalities in AZ with IgCC Initiatives

• Scottsdale: 2012, 2015 IgCC Voluntary/Mandatory for projects receiving zoning bonus

2021 IgCC Pending Mandatory (exp. adoption June 2022)

- Tempe: 2018 IgCC 3 Projects/Working on code adoption
- Phoenix: 2012 IgCC Voluntary
- **Gilbert**: IgCC 2018 Voluntary
- Kayenta: IgCC 2010 Voluntary
- Multiple other municipalities with interest



Source: International Code Council ICC



Non-Profit: AZ Build Green Coalition

Raising the floor on high performance building practices in Arizona

- <u>Goals:</u>
 - Partnerships
 - Knowledge sharing across municipalities and industry leaders
 - Increased capacity
 - Current updates on new happenings with green code adoptions
- Neutral, non-profit, unbiased resource for green building initiatives specific to the state of Arizona and municipalities within it.
- No political or profitability ties to any particular green building tool.
- Aims to focus and spread information about current green building initiatives within the state, highlighting issues most current and relevant in impact.







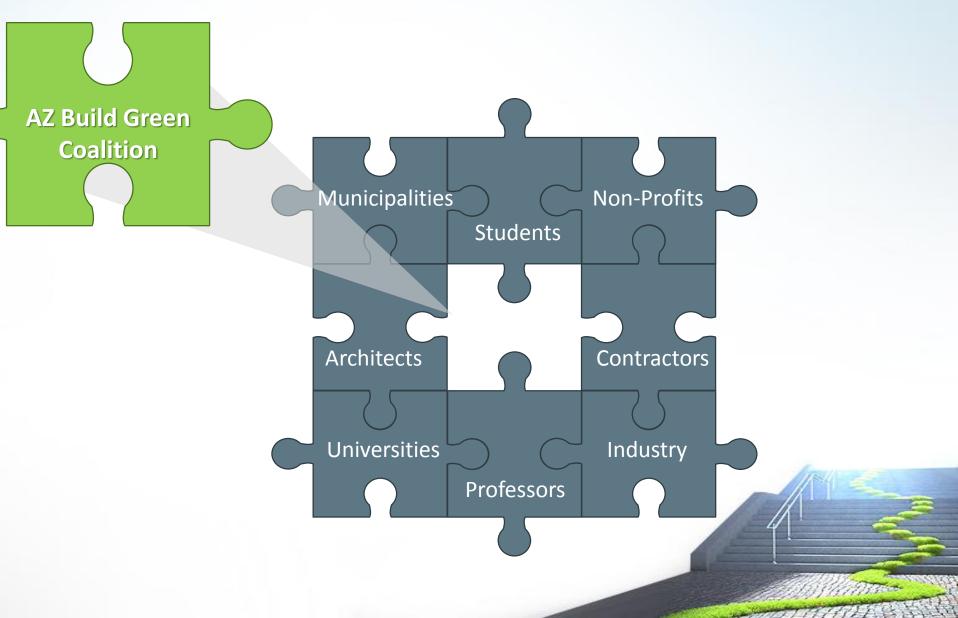








Who? Stakeholders & Actors



AZ Build Green Coalition

Raising the floor on high performance building practices in Arizona

How to Participate:

- 1. Add your name to contact list
- 2. Gain access to Research Repository *coming soon
- 3. Use resources developed by other municipalities in the state to avoid "remaking the wheel"
- 4. Participate by contributing resources & ideas
- 5. Follow current events in the green building code and regulatory world on LinkedIn page **coming soon*

Sharing Knowledge and Resources: Two Local Municipalities Using IgCC

<u>Scottsdale:</u>

28 IgCC Projects

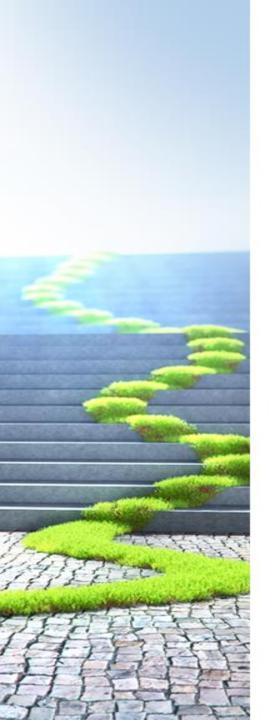
Pending first adoption in nation of IgCC 2021 as mandatory



- <u>Tempe:</u>
 - **Climate Action Plan**

Three Municipal IgCC Pilot Projects





Thank you!

Be a part of raising the floor on our built environment in Arizona!

Contact: Anitra Pickett anitra.pickett@asu.edu



AZ Build Green Coalition: Sustainable Cities Network Presentation Resources March 8, 2022

ICC/IgCC Code:

2021 Online Version of IgCC 2021 https://codes.iccsafe.org/content/IGCC2021P1/arrangement-and-format-of-the-2021-igcc

2021 IgCC Announcement https://www.iccsafe.org/building-safety-journal/bsj-technical/2021-international-greenconstruction-code-released/

ICC Information and Links for IgCC 2018 <u>https://www.iccsafe.org/products-and-services/i-codes/2018-i-codes/igcc/</u> *Note: webpage not updated with 2021 version

IgCC Commercial Green Construction Professional (GCP) Certification https://www.iccsafe.org/content/the-international-code-council-with-sponsorship-from-ashraecreates-a-new-international-green-construction-code-certification/ https://cdn-www-v2.iccsafe.org/wp-content/uploads/New-Certification-Commercial-Green-Construction-Professional.pdf

https://www.iccsafe.org/certification-exam-catalog/ *Note: search "GCP" in catalog search, 2018 IgCC available

Municipal Links:

City of Scottsdale IgCC: <u>https://www.scottsdaleaz.gov/green-building-program/green-codes</u> *Note: IgCC amendments, checklists, worksheets, and links accessible from this page

City of Tempe Climate Action Plan: <u>https://www.tempe.gov/government/sustainable-tempe/climate-action-plan</u> *Note: 2021 version in process

AZ Build Green Coalition:

Contact: Anitra Pickett anitra.pickett@asu.edu

(99+) AZ Build Green Coalition: Overview | LinkedIn



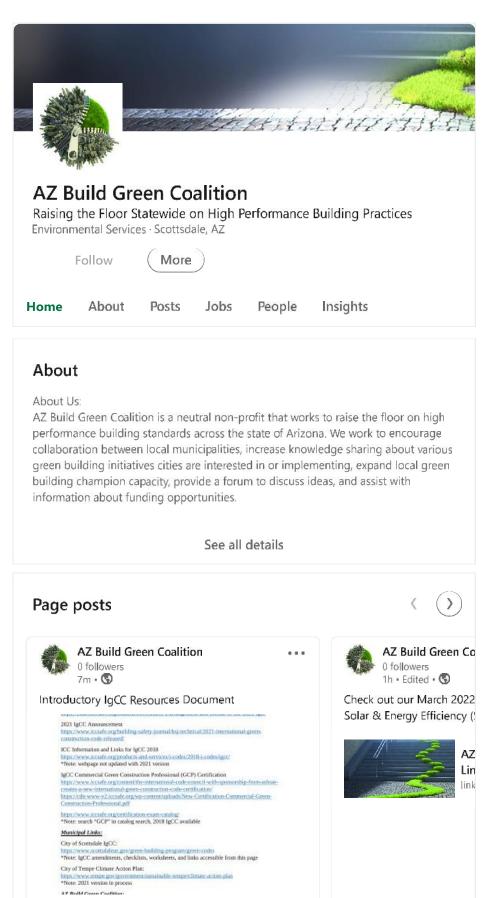
2. 1 Home My Network

Jobs

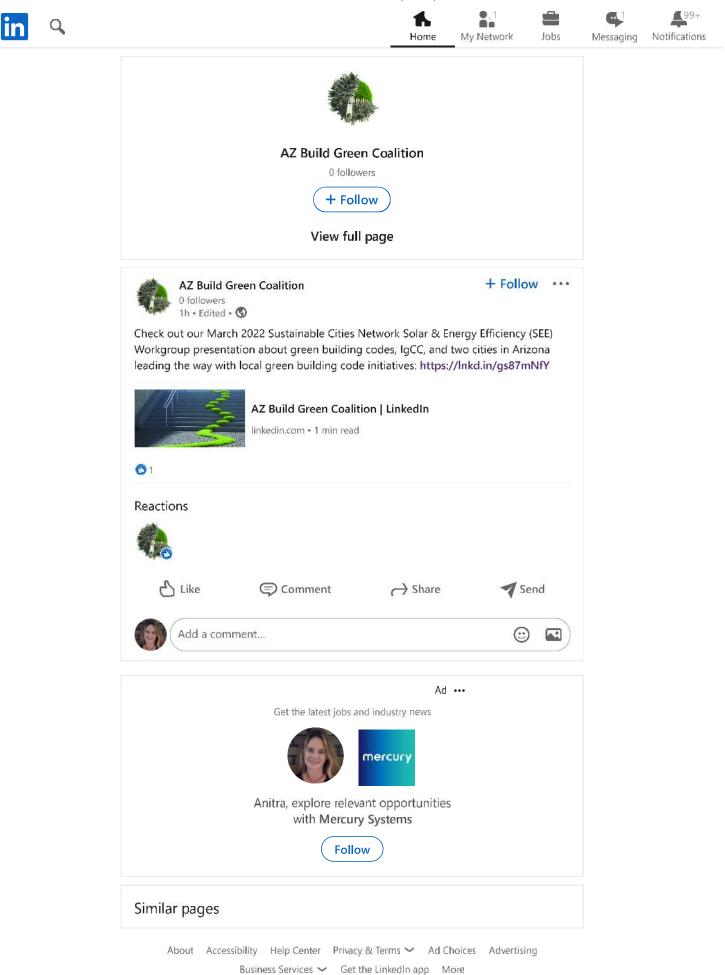
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