



## Supporting the Sustainable Development Goals

In 2015, the United Nations Member States adopted a shared blueprint for peace and prosperity for people and the planet, now and into the future. This blueprint includes 17 Sustainable Development Goals (SDGs) that support developed and developing countries in ending poverty, improving well-being and spurring economic growth.<sup>1</sup>

The International Code Council® and its Family of Solutions is dedicated to providing safe and resilient buildings and communities. In many cases, the ideals captured in the SDGs mirror the Code Council's priorities and the tools and other resources offered by its Family of Solutions. The information that follows captures how the Code Council's activities are aligned with the SDGs.



Sustainable Development Goals	International Code Council®
<p><b>3</b> GOOD HEALTH AND WELL-BEING</p> 	<p><b>International Codes® (I-Codes®):</b> The I-Codes® support the health, safety and welfare of building occupants and communities through provisions covering indoor environmental quality (IEQ), material safety, daylighting, building operations and sustainability.<sup>2</sup></p>
<p><b>4</b> QUALITY EDUCATION</p> 	<p><b>Safety 2.0 Initiative including the High-School Technical Training Program (HSTTP) and the Military Families Career Path Program:</b> Safety 2.0 is focused on welcoming a new generation of building safety leaders through access to education, mentors and other resources.<sup>3</sup></p> <p><b>Learning Center:</b> The Code Council offers a variety of training options for every individual to earn continuing education units that can be used toward certifications or support career advancement and knowledge building.<sup>4</sup></p>
<p><b>6</b> CLEAN WATER AND SANITATION</p> 	<p><b>International Plumbing Code® (IPC®):</b> The IPC® sets minimum regulations for plumbing systems and components to protect life, health and safety of building occupants and the public.<sup>5</sup></p> <p><b>International Private Sewage Disposal Code® (IPSDC®):</b> The IPSDC® is designed as a companion to the IPC® to enable the design, installation and inspection of private sewage disposal systems, which is particularly helpful in rural and less developed areas lacking municipal sewage services.<sup>6</sup></p> <p><b>ICC-Evaluation Service™ (ICC-ES™):</b> ICC-ES™ provides product certification for plumbing, mechanical and fuel gas products to meet the requirements of International and Uniform Codes and Standards.<sup>7</sup></p>
<p><b>7</b> AFFORDABLE AND CLEAN ENERGY</p> 	<p><b>International Energy Conservation Code® (IECC®):</b> The IECC® establishes minimum regulations for energy-efficient buildings using prescriptive and performance-related provisions. It is founded on broad-based principles that make possible the use of new materials and new energy-efficient designs.<sup>8</sup></p> <p><b>International Green Construction Code® (IgCC®):</b> The IgCC® provides the design and construction industry with the single, most effective way to deliver sustainable, resilient, high-performance buildings. It includes fundamental criteria for energy efficiency, resource conservation, water safety, land use, site development, indoor environmental quality and building performance.<sup>9</sup></p> <p><b>Solar Rating &amp; Certification Corporation® (SRCC®):</b> SRCC® develops standards and certifies products that advance the safe and effective use of renewable energy including <i>ICC901/SRCC100 – Solar Thermal Collector Standard</i>, <i>ICC900/SRCC300 – Solar Thermal System Standard</i>, and <i>ICC902/APSP902/SRCC400 – Solar Pool and Spa Heating Standard</i>.<sup>10</sup></p>

8 DECENT WORK AND ECONOMIC GROWTH



Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

10 REDUCED INEQUALITIES



Reduce inequality within and among countries

11 SUSTAINABLE CITIES AND COMMUNITIES



Make cities and human settlements inclusive, safe, resilient and sustainable

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Ensure sustainable consumption and production patterns

13 CLIMATE ACTION



Take urgent action to combat climate change and its impacts

16 PEACE, JUSTICE AND STRONG INSTITUTIONS



Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

### A117.1 Standard for Accessible and Usable Buildings and Facilities:

Standard A117.1 provides criteria to assure sites, facilities, buildings and elements are accessible to and usable by people with physical disabilities, providing independence and access to workplaces.<sup>11</sup>

**Alliance for National & Community Resilience (ANCR):** ANCR is developing community resilience benchmarks to help communities understand their resilience and support improvements. The Sendai Framework was instrumental in formulating the ANCR Benchmarks.<sup>12</sup>

**Off-Site Construction:** Off-site construction has been identified as a strategy to address housing affordability and availability, worker safety, sustainability and resilience. ICC has or is developing numerous tools to support the use of off-site construction including standards, product evaluations and third-party plan review and inspection.<sup>13</sup>

**International Codes® (I-Codes®):** The consistent adoption of building codes support the delivery of safe, affordable housing regardless of socio-economic status. The I-Codes are developed through a consensus-based process that results in cost-effective requirements.

**cdpACCESS®:** cdpACCESS® allows remote participation in the development of the model International Codes for all jurisdictions around the world. This engagement can support adoption of code criteria globally saving the time and expense required to self-develop codes and underwriting the cost of keeping them current.<sup>14</sup>

**International Codes® (I-Codes®):** The Code Council develops a family of fifteen coordinated, modern building safety codes that help ensure the engineering of safe, sustainable, affordable and resilient structures. The *International Building Code®* (IBC®) and *International Residential Code®* (IRC®) have been found to provide \$11 in benefits for every \$1 invested.<sup>15</sup>

### Alliance for National & Community Resilience (ANCR) International Green Construction Code® (IgCC®)

### International Green Construction Code® (IgCC®) International Energy Conservation Code® (IECC®)

**Rainwater Collection Standard (BSR/CSA/ICC 805-201x)** applies to the design, installation and maintenance of rainwater collection systems intended to collect, store, treat, distribute and utilize rainwater for potable and non-potable applications.<sup>16</sup>

**Global Initiative on Building Resilience:** The Code Council, in conjunction with code developing organizations from Canada, Australia and New Zealand, formed a collaborative forum to discuss common struggles, and to share knowledge, research, and best practices, as they consider the role of building codes in resilience and durability in the face of increasingly severe weather events.<sup>17</sup>

**Low and Zero Energy and Carbon Buildings:** The Sustainability Membership Council has convened a subcommittee to support communities seeking solutions that deliver low and zero energy and carbon buildings.

### International Energy Conservation Code® (IECC®) International Green Construction Code® (IgCC®)

### International Accreditation Service® (IAS®) Building Department Accreditation:

Accreditation allows a building department to demonstrate that they meet national standards and are competent to provide professional public safety services to their community.<sup>18</sup>

**Personnel Certifications:** The Code Council Assessment Center recognizes code officials and other building industry participants for their competence and ability to support effective institutions.<sup>19</sup>

<sup>1</sup><https://sustainabledevelopment.un.org/sdgs>, <sup>2</sup><https://www.iccsafe.org/products-and-services/i-codes/the-i-codes/>, <sup>3</sup><https://www.iccsafe.org/professional-development/safety2/>, <sup>4</sup><https://www.iccsafe.org/professional-development/training/>, <sup>5</sup><https://www.iccsafe.org/content/international-plumbing-code-ipc-home-page/>, <sup>6</sup><https://shop.iccsafe.org/codes/2018-international-codes-and-references/2018-international-private-sewage-disposal.html>, <sup>7</sup><https://icc-es.org/pmg-listing-program/>, <sup>8</sup><https://www.iccsafe.org/products-and-services/i-codes/2018-i-codes/iecc/>, <sup>9</sup><https://www.iccsafe.org/products-and-services/i-codes/2018-i-codes/igcc/>, <sup>10</sup><https://www.iccsafe.org/products-and-services/standards-development/is-stsc/>, <sup>11</sup><https://www.iccsafe.org/advocacy/safety-toolkits/accessibility-info/>, <sup>12</sup><http://resilientalliance.org/>, <sup>13</sup><http://www.iccsafe.org/offsite/>, <sup>14</sup><https://www.iccsafe.org/cdpaccess/>, <sup>15</sup><http://www.nibs.org/mitigationsaves>, <sup>16</sup><https://www.iccsafe.org/products-and-services/i-codes/code-development-process/is-ccsd/>, <sup>17</sup><https://www.iccsafe.org/about/periodicals-and-newsroom/the-international-code-council-launches-global-initiative-on-building-resilience/>, <sup>18</sup><https://www.iasonline.org/services/building-departments/>, <sup>19</sup><https://www.iccsafe.org/professional-development/certifications-and-testing/certification-overview/>