

Appendix 2: Suggested range of themes

The following list intended to help organizers to select suitable themes but is not intended to be limiting.

1. Policies, programs regulations and standards that are relevant to sustainability and climate change issues for buildings and neighbourhoods;
2. Cost, financing and taxation approaches for high performance;
3. Adapting design, construction and operation of buildings and infrastructure to regional and local climate change impacts;
4. Approaches to preserve and enhance local ecological systems;
5. Urban morphologies and densification;
6. Measures to reduce use of private vehicles in neighbourhoods;
7. Urban microclimates: outdoor air quality and green infrastructure to maximize carbon capture and enhance outdoor thermal comfort and amenity;
8. Economic and social issues related to buildings and neighbourhoods;
9. Human Development Index and small urban areas;
10. Design, construction and operating solutions related to climate change resilience;
11. Zero and nearly-zero operating and lifecycle GHG emission performance;
12. Integration of renewable energy at building and small urban area scales;
13. Inter-building performance synergies of thermal energy, power, and grey water systems;
14. Carbon metrics and budgets for neighbourhoods and buildings.
15. Embodied energy and carbon in buildings and infrastructure;
16. Increasing adoption of LCC and LCA methods;
17. Design support methods, tools and certification;
18. Performance assessment systems for buildings and neighbourhoods;
19. Innovation in materials, products and systems;
20. Life-cycle resource efficiency at the building and small urban scales;
21. Energy and environmentally efficient materials and products, and sustainable use of materials;
22. Renovation and performance upgrading of buildings and infrastructure;
23. Retrofitting of existing buildings and building stocks;
24. Minimizing demolition and maximizing disassembly, re-use and recycling;
25. Training and education to promote adoption of sustainable approaches.

