

ZECBC IDBD Framing Questions and Workplan

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The Integrated Design and Building Delivery Working Group explores solutions that will align the design and delivery process among multiple stakeholders such as architects, engineers, facility managers, maintenance and repair staff, and others to ensure buildings are well-integrated wholes rather than a series of components. Solutions include standardized Building Information Models (BIM), early-stage stakeholder meetings, commissioning and others.

We are suggesting some opening Framing Areas and Multi-step process to get to draft.

Framing Areas

One of the main initial tasks will be to develop a catalog of related initiatives and relevant technologies and tools. The objective of this activity is to help identify gaps and current best practices to highlight in the IDBD chapter of the *Analysis of Cost and Non-Cost Barriers* report.

Below is an outline of the process. **Please contribute to this activity by submitting information** for the initiatives and technologies you are aware of through these easy online forms.

- [Related Initiatives and Programs](#)
- [Related Technologies and Tools](#)

- a) List all initiatives / groups (i.e., AIA's IPD effort, the buildingSMARTalliance NBIMS, LCI's Lean Project Delivery, the WSIP standard, NIBS' WBDG) of which you are aware that focus on improved design and delivery or support our charge highlighted above.
- b) For listed initiatives/groups, be as specific as possible; identify responsible company / organization at minimum and ideally a specific point of contact. do you have a personal link to the initiative, company / organization, or individual?
- c) For listed initiatives/groups, identify "degree of proximity" with our charge...is it closely related? sort of related? distantly related? consider all initiatives as "game": they may be US based, based abroad or international in scope.
- d) List all *technologies* (i.e., BIM, energy modeling, performance modeling, lifecycle cost analysis software) of which you are aware that focus on improved design and delivery or support our charge highlighted above. be as specific as possible; identify responsible company / organization at minimum and ideally specific contact.
- e) For listed technologies, do you have a personal link to the initiative, company / organization, or individual? identify "degree of fit" with our charge...is it closely related? sort of related? distantly related? consider all technologies as "game": they may be US based, based abroad or international in scope.
- f) For each area, would you be willing to associate with one or more of the above-named efforts to develop a concise description of initiative and its scope, to explore / identify potential case studies or examples of the process in action, its benefits, challenges, etc.?

Work Process & Timeline

step 1 (May): A repository structure will be created on the ZECBC IDBD working group website for group input that will create a catalog of technologies and industry process initiatives (a-e); identify contributors (f)

step 2 (June): consolidate material (volunteers) consolidate all material;

- share with the group via email / web for review.

step 3 (June): expanded catalog assignments (full group working web conference)

- we will review the catalog(s), purge any the group feels too peripheral, and divvy up the listings

step 4 (June): expanded catalog (work on your own)

- connect with assigned listings of the above-named efforts to develop a concise description of initiative and its scope, to explore / identify potential case studies or examples of the process in action, its benefits, challenges, etc.

step 5 (July): consolidated catalog (volunteers)

consolidate all material; share with the group via email / web for review.

step 6 (July): synthesis of new techniques or best-available practices (full group working web conference)

- we will review the catalog, identifying and capturing as we go a listing of "best available" practices / technologies.

step 7 (July/August): barriers / policy (full group working web conference?)

- we will discuss and identify barriers (cost, culture, etc) to adoption and policy changes that might rectify.