

ESSB 5485 - H COMM AMD  
By Committee on Environment

NOT CONSIDERED 04/07/2011

1 Strike everything after the enacting clause and insert the  
2 following:

3 "NEW SECTION. **Sec. 1.** (1)(a) The University of Washington, led by  
4 the college of built environments, shall conduct a review of other  
5 states' existing building codes, international standards, peer-reviewed  
6 research, and models and tools of life-cycle assessment, embodied  
7 energy, and embodied carbon in building materials.

8 (b) This review must identify if the standards and models:

9 (i) Are developed according to a recognized consensus-based  
10 process;

11 (ii) Could be implemented as part of building standards or building  
12 codes; and

13 (iii) The scope of life-cycle impacts that the standards and models  
14 address.

15 (2)(a) By September 1, 2012, the University of Washington shall  
16 submit a report to the legislature consistent with RCW 43.01.036. In  
17 addition to providing the data required in subsection (1) of this  
18 section, the report must include recommendations to the legislature for  
19 methodologies to:

20 (i) Determine if a standard, model, or tool using life-cycle  
21 assessment can be sufficiently developed to be incorporated into the  
22 state building code; and

23 (ii) Develop a comprehensive guideline using common and consistent  
24 metrics for the embodied energy and carbon in building materials.

25 (b) When developing its recommendations under this section, the  
26 University of Washington shall seek input from organizations  
27 representing design and construction professionals, academics, building  
28 materials industries, and life-cycle assessment experts.

29 (3) For the purposes of this section, "life-cycle assessment" means

1 manufacturing, construction, operation, and disposal of products used  
2 in the construction of buildings.

3 NEW SECTION. **Sec. 2.** (1)(a) By December 1, 2012, the department  
4 of general administration shall make recommendations to the  
5 legislature, consistent with RCW 43.01.036, for streamlining current  
6 statutory requirements for life-cycle cost analysis, energy  
7 conservation in design, and high performance of public buildings.

8 (b) The department of general administration shall make  
9 recommendations on what statutory revisions, if any, are needed to the  
10 state's energy life-cycle cost analysis to account for comprehensive  
11 life-cycle impacts of carbon emissions.

12 (2) In making its recommendations to the legislature under  
13 subsection (1) of this section, the department of general  
14 administration shall use the report prepared by the University of  
15 Washington under section 1 of this act.

16 NEW SECTION. **Sec. 3.** If specific funding for the purposes of this  
17 act, referencing this act by bill or chapter number, is not provided by  
18 June 30, 2011, in the omnibus appropriations act, this act is null and  
19 void."

20 Correct the title.

EFFECT: Removes the intent section;

Specifies that the University of Washington's (UW) college of built environments is responsible for the review and recommendations to the legislature;

Modifies the requirements of the review conducted by the UW by changing what must be reviewed and the types of recommendations the UW must make to the legislature;

Removes the requirements that the UW conduct the review in conjunction with a nonprofit consortium and in consultation with the state building code council;

Defines "life-cycle assessment";

Specifies that the report submitted by the department of general administration (GA) must be submitted to the legislature by December 1, 2012, and requires the GA to consider the report submitted by the UW; and

Adds a null and void clause.

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