

iWG Assessment

SWATeam Recommendation Ref #: Energy002 – Building Envelope

Date of iWG Assessment Started: 4/27/2020

Assessment Transmitted: 6/3/2020

iWG Recommendation: The iWG recommends that Facilities & Services seek funding to pilot Building Envelope Inspection and Testing, as described in the SWATeam recommendation. The proposed buildings should be carefully considered and replaced with other buildings if warranted.

iWG Routing Direction (*department name, SWATeam, or Council*): Facilities & Services

Individual comments from each iWG member:

| iWG Member Name | iWG Member's Comments |
|---|--|
| Ximing Cai (iSEE) | I support the recommended pilot building envelope inspection and testing, which will be important for further improvement of campus building energy use efficiency. |
| Morgan White (F&S) | F&S is supportive of this recommendation. Funding will need to be allocated. |
| Alma Sealine (Representing Auxiliaries) | I support this recommendation. |
| Matthew Tomaszewski (Provost Office) | I support this pilot program in principle, however funding sources must be carefully considered before final approval. |
| John Dallesasse (Academic Senate) | I support this recommendation. |
| Sandy Yoo (System Office) | I support this recommendation. But before confirming the buildings as part of the pilot program, strongly recommend opinions from appropriate experts at F&S, i.e., building envelope experts (Donna McClure and members of Architectural Review Committee ARC), to confirm techniques used and buildings for the pilot project. |
| S. Renee Wiley (Representing College Facilities) | I support this recommendation, I also agree with Sandy Yoo. |
| Joe Edwards/Sarah Gediman (Student Sustainability Committee) | SSC supports this recommendation. |
| Joey Kreiling/Jonah Messinger, Student Sustainability Leadership Council | We support this recommendation. Building envelopes are crucial to maintaining energy efficiency. |
| Green Ahmad, Illinois Student Government Environmental Sustainability Committee | We completely support this recommendation as it is a clear initiative to reduce energy usage aligned with the iCAP. We believe a successful pilot is significant in yielding techniques to implement towards numerous campus buildings and even campus housing. |

Original SWATeam Recommendation:

We recommend that Building Envelope Inspection, Testing and Maintenance be performed as a method to improve building energy conservation to support the iCAP 2050 goal of zero GHG emissions. Building Envelopes should be commissioned for all new construction projects. Existing Buildings should be inspected, tested, deficiencies addressed and maintained to achieve the best energy conservation possible for the building envelope.

iWG Assessment of budget and policy impacts (*check one*):

moderate budget and/or policy impact OR major budget and/or policy implications

iWG Routing Need (*check one*):

more detailed study OR transmit recommendation OR forward to Sustainability Council