



Representation & Advocacy

November 2018

Feedback sought for international open BIM interface for precast project

Feedback needed by Wednesday 14th November

National Precast has been invited to give input to a project, which will create an open (i.e. maintained and updated by industry) internationally standardised BIM software interface for the specification and use of precast concrete. The interface will be based on existing interfaces already established in the prefabrication process.

Accordingly, we have prepared a brief survey, which we ask you to complete.

The problem

As prefabricated products are increasingly specified and details are getting more complicated, demand for a more capable BIM exchange interface is on the rise.

Industry Foundation Classes (IFCs) are already used as a standard exchange format between architectural CAD and precast CAD, but do not exchange production data (specific especially for automated production) between precast CAD, precast MES (manufacturing execution systems) and precast ERP/PPS (Production Planning Software) systems. Current interfaces between precast CAD and MES are inflexible and unable to adapt to new requirements.

The solution

The IFC4Precast project is being undertaken by buildingSMART to address these issues to:

- increase the use of open BIM stronger in the Precast domain;
- better link CAD, MES and PPS systems on a more commonly held data exchange, where each system is able to make more area specific decisions; □
standardise international IFCs; and

1

- improve traceability of data over the building model and building cycle.

The survey

To participate in the project please take our 3 question (5 minute) anonymous survey [here](#) by Wednesday 14th November.

More information

For more information on BuildingSMART, IFC4Project, and Industry Foundation Classes, please click the below links.

- [BuildingSMART](#)
- [IFC4Project](#)
- [IFC Introduction](#)
- [IFC Overview summary](#)
- [ISO 16739:2013 Industry Foundation Classes \(IFC\) for data sharing in the construction and facility management industries](#)

Thank you for your help.



BUILDING A SUSTAINABLE AUSTRALIA

www.nationalprecast.com.au
Suite 2, 13 Brighton Road,
Glenelg SA 5045
P: (08) 8294 0833

NATIONAL PRECAST
CONCRETE ASSOCIATION AUSTRALIA

Copyright © 2017 National Precast Concrete Association Australia. All rights reserved.

[Facebook](#) • [LinkedIn](#)

Copyright © 2015 National Precast Concrete Association Australia. All rights reserved.

[Unsubscribe](#)