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Press Release

New REDAS Developer-centric BIM initiative to transform and raise productivity in the real estate industry.

Singapore, 26 November 2014 – Real Estate Developers' Association of Singapore (REDAS) is championing a new Developer-centric Connected -BIM Initiative to facilitate collaboration and raise productivity in the real estate industry.

2. 10 REDAS developers have signed up to lead 10 consortiums of their project partners to pilot this collaborate concept which will allow the various players in the real estate value-chain to share information, improve work flow and raise productivity through the adoption of Building Modelling Information (BIM). This will transform the way the sector works.

3. The 10 pioneering developers are: Allgreen, Bukit Sembawang, CapitaLand, CDL, CEL, Far East Organization ,Frasers Centrepoint, Guocoland, Keppel Land and Wing Tai. Each one of these developers will form a consortium which will consist of its value chain partners like architects, engineers, quantity surveyors and contractors. The goal is to adopt the connected-BIM methodology to facilitate collaboration amongst the value chain. With better work flow management and sharing of design information from start to end, construction crashes can be detected and avoided much earlier, reworks will be reduced, construction cycle will be shortened and it will foster safer, higher quality and innovative design. "This initiative will be a game changing effort that will pave the way to transform

current practice in the real estate and construction sector.” Said REDAS President Mr Chia Boon Kuah.

4. REDAS will be signing Memorandum of Understanding (MOU) with 4 key strategic BIM partners at the REDAS Annual Dinner. The MOU Signing will be witnessed by Minister Khaw Boon Wan, Minister for National Development, Mr Khaw Boon Wan, President of REDAS Mr Chia Boon Kuah, Chairman of BCA Mr Quek See Tiat and CEO of SPRING Mr Tan Kai Hoe.

5. This MOU will pioneer a connected-BIM approach to transform the current Lonely BIM syndrome into a more collaborative environment. Currently, many companies in this sector which have embarked on BIM use it to submit electronic drawings to BCA for approval. Many of them are however not using the BIM solution correctly to reap full benefit from the technology. There are many functionalities and features in BIM that are not utilized effectively.

6. REDAS Productivity Committee chaired by Mr Wong Heang Fine, Immediate Past President, realized this deficiency and the committee has formulated a Developer-Centric BIM framework which REDAS hopes will be a game changer that will significantly elevate the way we do design and construction utilizing the full benefit of BIM technologies.

7. To support the 10 consortia, the MOU will allow REDAS to work with the 4 key strategic BIM partners to establish a cloud-based infrastructure. This will allow each consortium to deposit and share its BIM model amongst its value chain partners securely based on the relevant and defined work flow.

8. The 4 MOU partners will contribute in the following ways:

- Autodesk as the industry leader in BIM software will assist REDAS to advise and guide the 7 consortia. Autodesk will also share with the 10 consortia some international success case studies, performance matrix to measure before and after effect and guide the consortia to define the BIM execution plan.
- Aconex will provide a best-in-class Work-flow engine to pioneer this connected BIM approach. It will also provide the BIM data and document depository to facilitate sharing amongst the members within the consortium.
- DCA Architects will contribute its suite of B-score/C-score calculator and code checking facilities for the 10 consortia sponsored by REDAS members to pilot; and
- Surbana, as a BIM pioneer in Singapore which has done many projects using BIM from design through to construction will share its expertise in integrating BIM with life cycle management. Surbana will play a critical role to share its knowhow and propagate connected BIM work processes and best practices to the industry to create a collaborative environment that will benefit all members in the value chain.