

ADVANCED

CONSTRUCTION

NFORMATION

DEVELOPMENT

BIM Exporting in One Belt One Road?







#### イエイリ建設ITラボ

# 甦れ!日本の建築

3次元で建設生産プロセスを改革しよう!

【開催日時】

2007年9月28日 (金) 10:00~17:30

【会場】

東京コンファレンスセンター・品川/大ホール

【主催】

日経アーキテクチュア/ケンプラッツ/イエイリ建設ITラボ

【特別協賛】

Autodesk\*





【協賛】

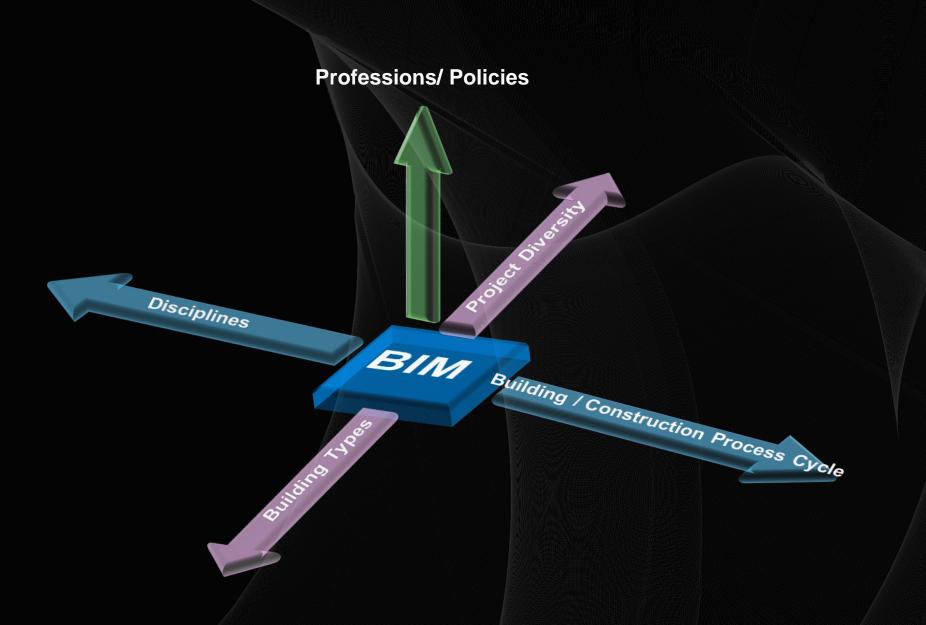
アークデータ研究所/キヤノンマーケティングジャパン/サイバネットシステム/ フォーラムエイト/ジオプラン/GSA/

環境シミュレーション/大塚商会/ソフトウェアセンター

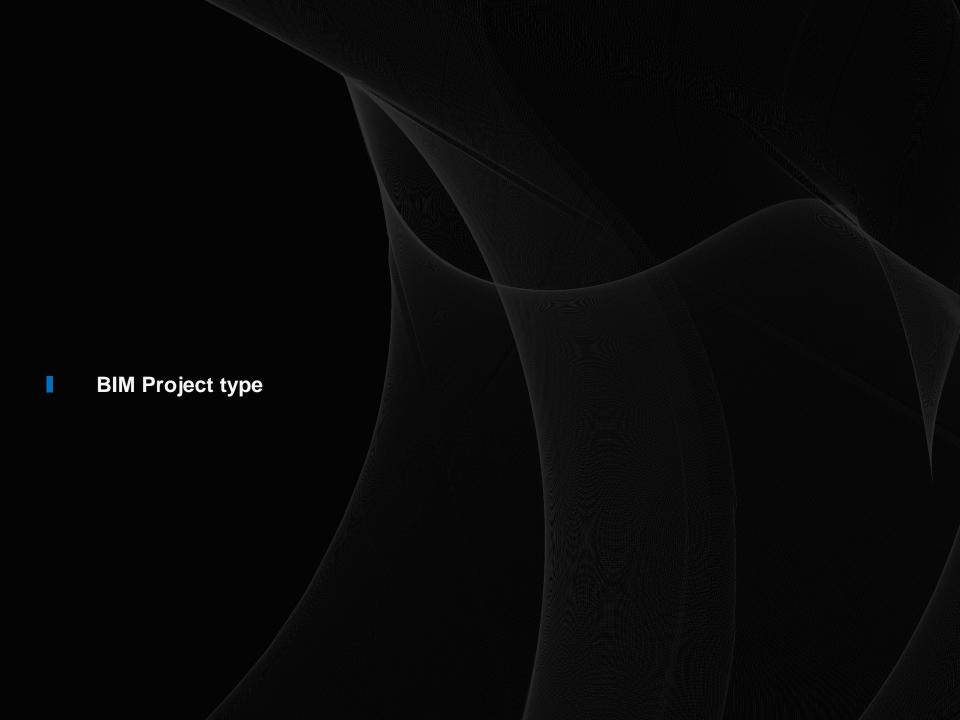
【事例2 海外建築設計事務所の視点】

アエダスにおけるBIM - 意匠から構造、設備設計

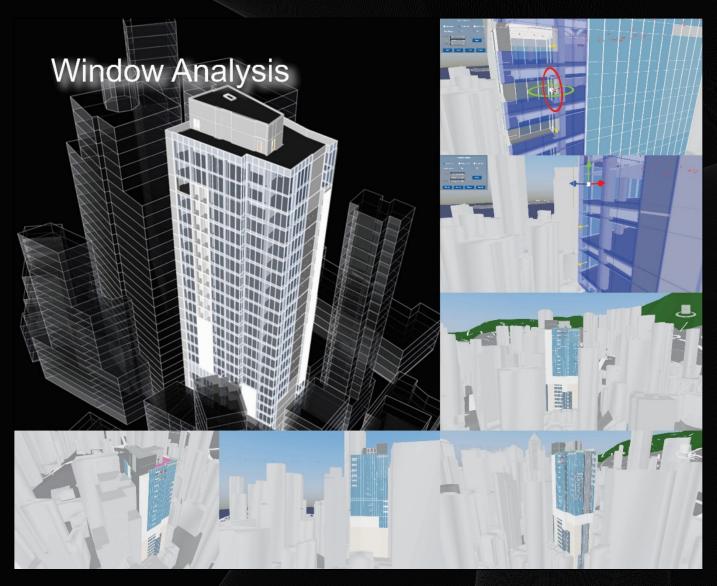




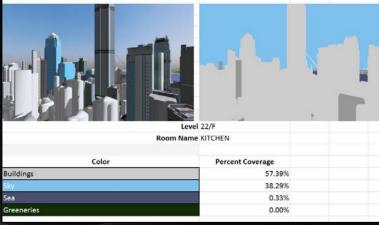


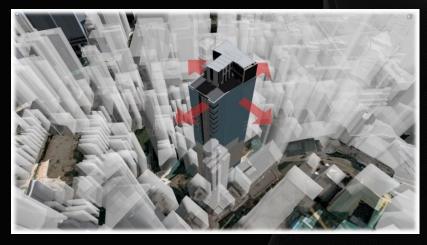




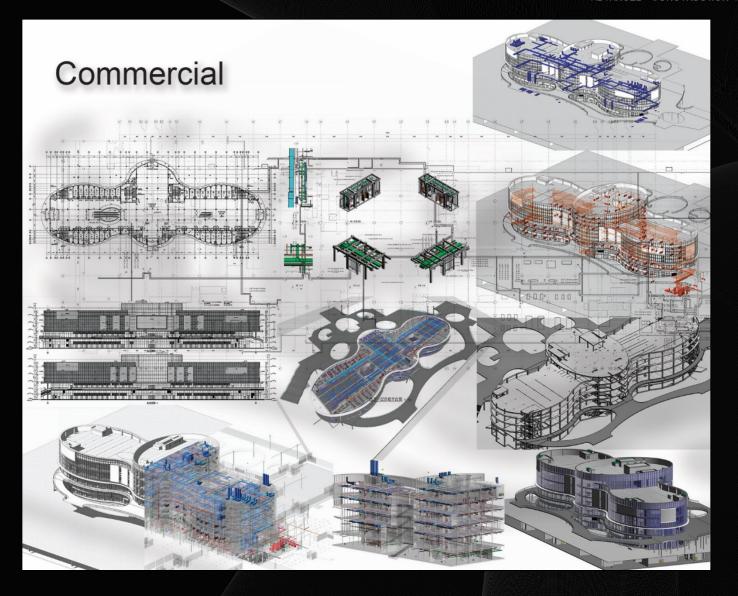


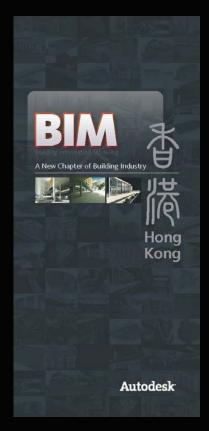






**View Analysis for Commercial Development** 

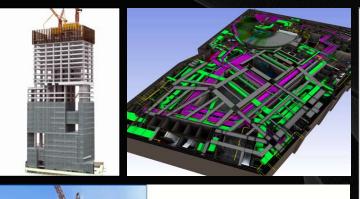


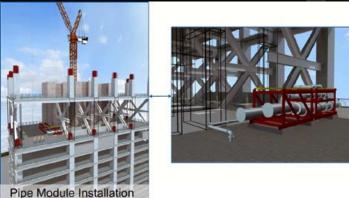




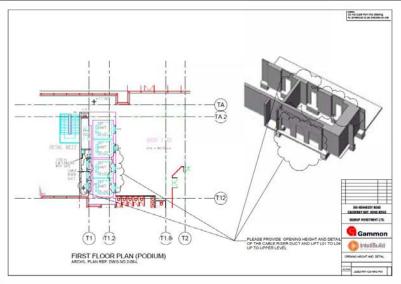
Complicated Geometry: Dubai Ocean Height One (Courtesy: Aedas and Mr Andrew Broomberg)

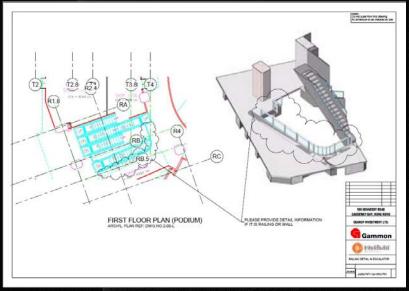
\* Winner of Autodesk BIM Awards 2007 - Hong Kong, Macau and Taiwan











Redevelopment of Hennessy Centre
\* Winner of Autodesk BIM Awards 2010 - Hong Kong, Macau and Taiwan

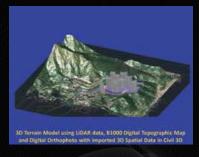


Proposed Office Development at 14-30 King Wah Road

\* Winner of Autodesk BIM Awards 2014 - Hong Kong, Macau and Taiwan

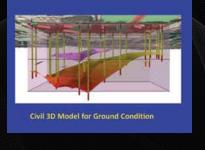


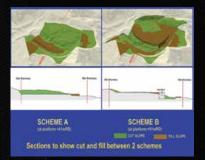












Bridging the Gaps with our Core Values – Successful Transformation of Revit Model to Enable Civil 3D/GIS/Revit Integration and Lighting Simulation & Rendering

\* Winner of Autodesk BIM Awards 2014 - Hong Kong, Macau and Taiwan

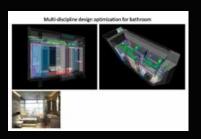


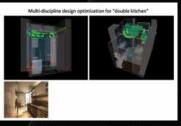
The University Heights Redevelopment

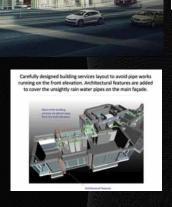
\* Winner of Autodesk BIM Awards 2013 - Hong Kong, Macau and Taiwan



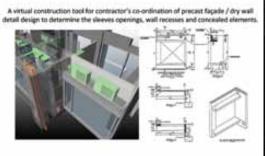


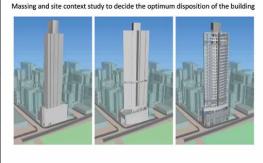






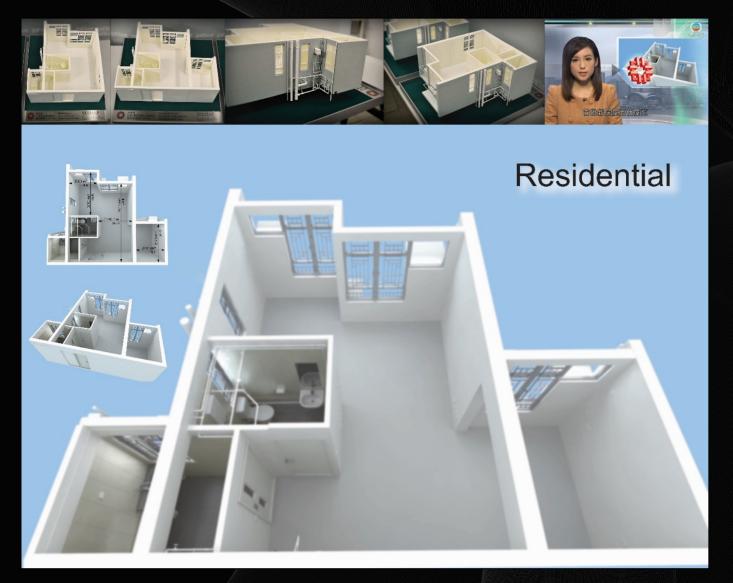






## High Park Grand

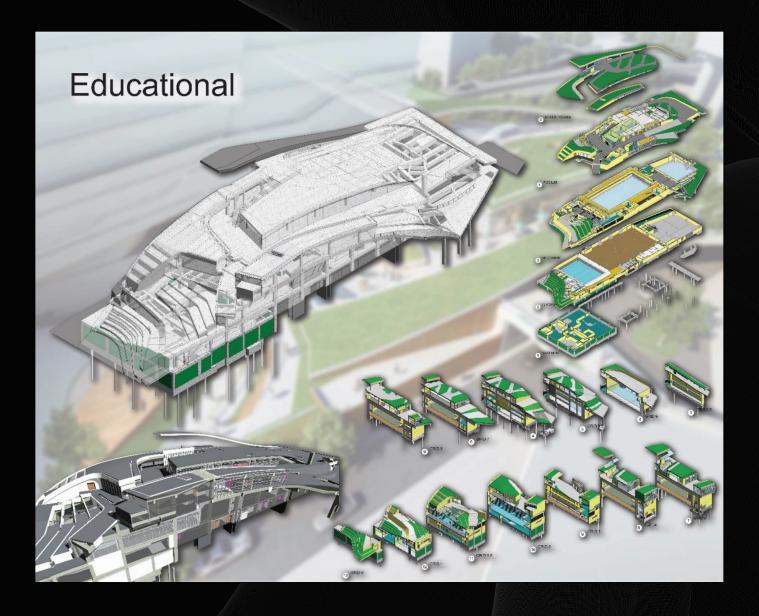
\* Winner of Autodesk BIM Awards 2013 - Hong Kong, Macau and Taiwan



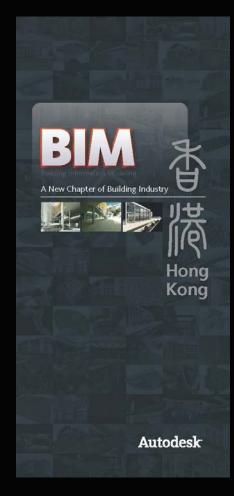


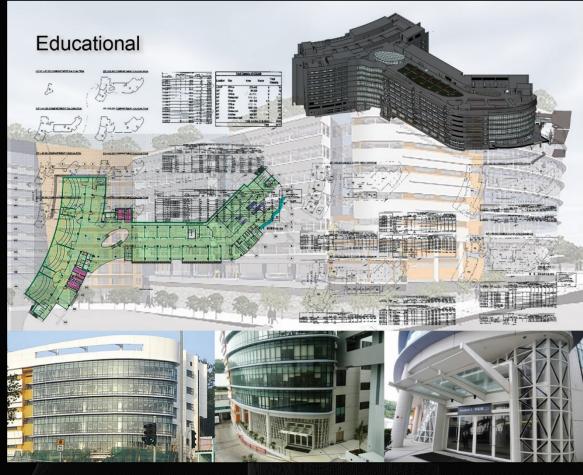








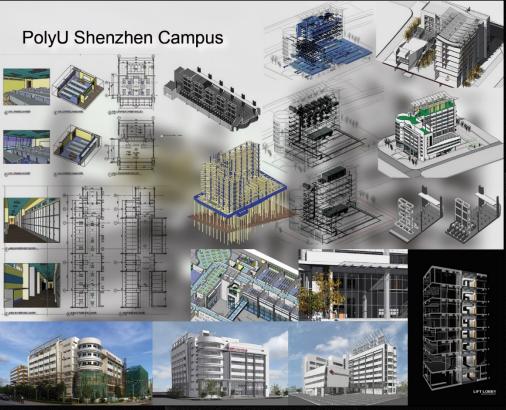




#### CCCUB

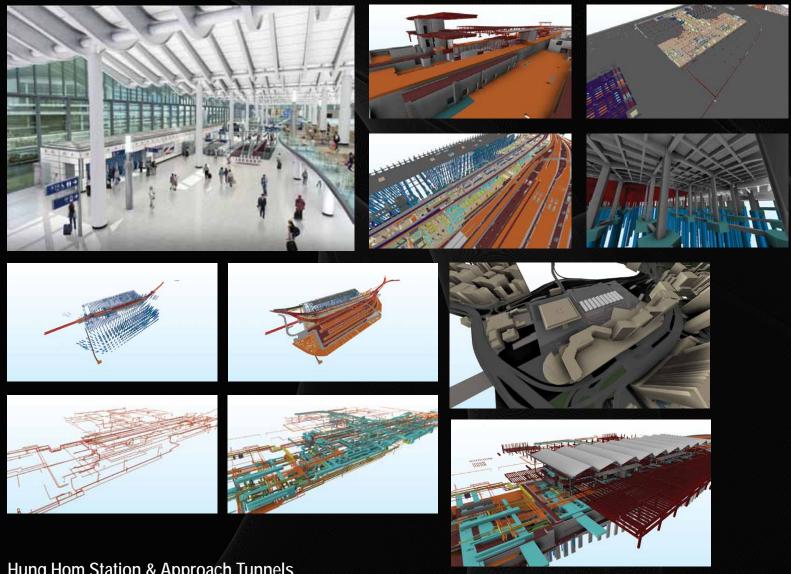
\* Winner of Autodesk BIM Awards 2007 - Hong Kong, Macau and Taiwan





The PolyU Campus in the Shenzhen Virtual University Science Park

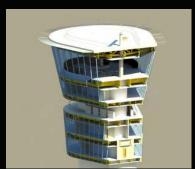
\* Winner of Autodesk BIM Awards 2007 - Hong Kong, Macau and Taiwan

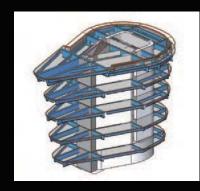


Hung Hom Station & Approach Tunnels

\* Winner of Autodesk BIM Awards 2013 - Hong Kong, Macau and Taiwan











the Chhatrapati Shivaji International Airport Air Traffic Control Tower & Technical Block – for the new airport in Mumbai, India

\* Winner of Autodesk BIM Awards 2009 - Hong Kong, Macau and Taiwan



Midfield Development Design Consultancy Services

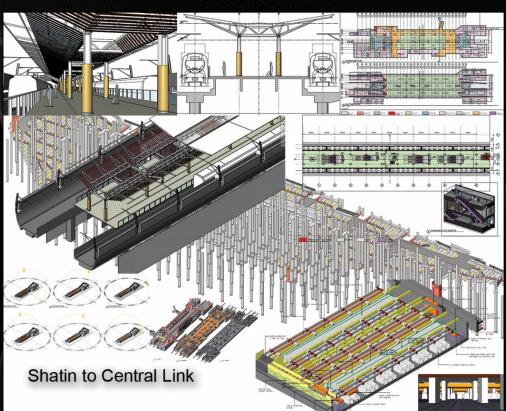
\* Winner of Autodesk BIM Awards 2009 - Hong Kong, Macau and Taiwan

## **Autodesk**

Better by Design

Autodesk Hong Kong BIM Awards 2010

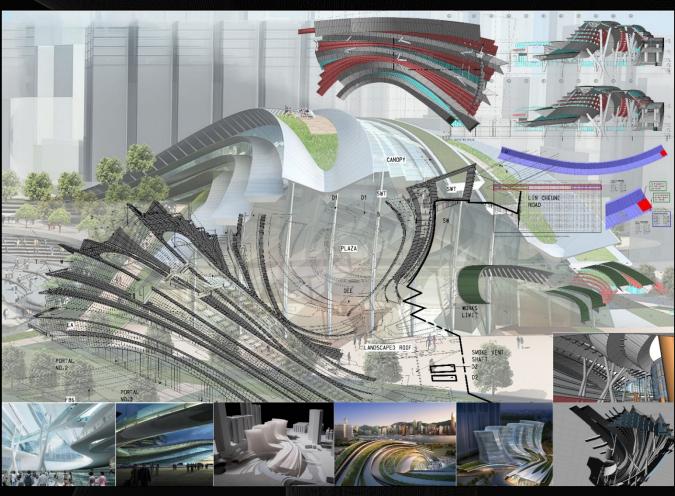




\* Winner of Autodesk BIM Awards 2010 - Hong Kong, Macau and Taiwan



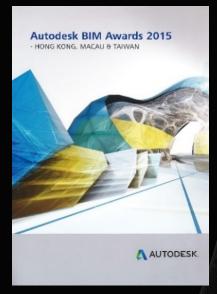






- \* Winner of Autodesk BIM Awards 2010 Hong Kong, Macau and Taiwan
- \* Winner of Autodesk BIM Awards 2012 Hong Kong, Macau and Taiwan





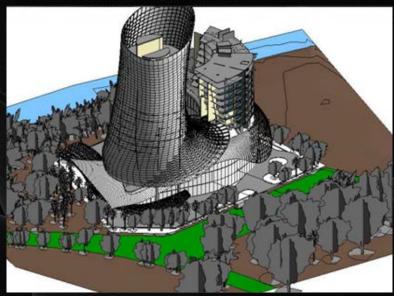


Heritage Consultancy - Victoria Peak Fire Station

\*Winner of buildingSMART Hong Kong International BIM Award 2015

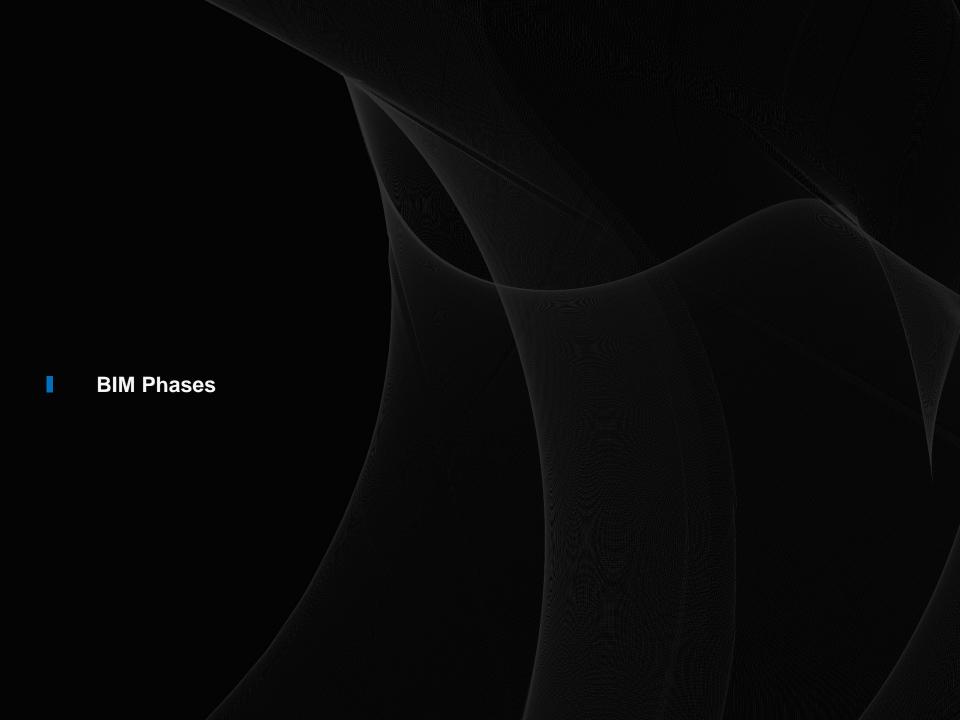
\*Winner of Autodesk BIM Awards 2015 - Hong Kong, Macau and Taiwan





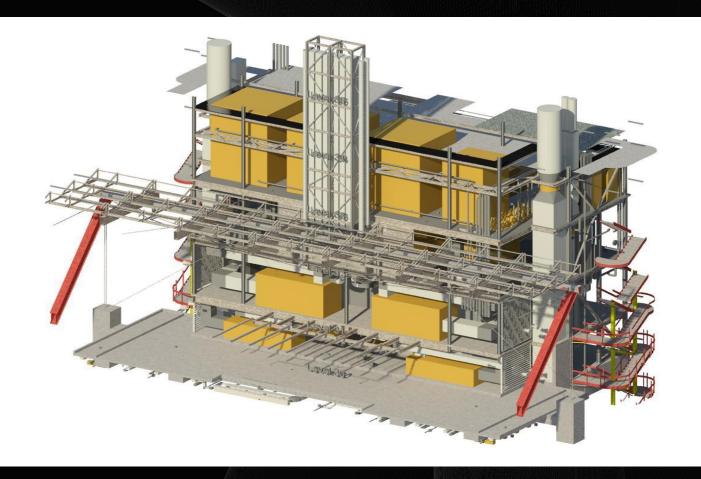
2011 BIM Evangelist

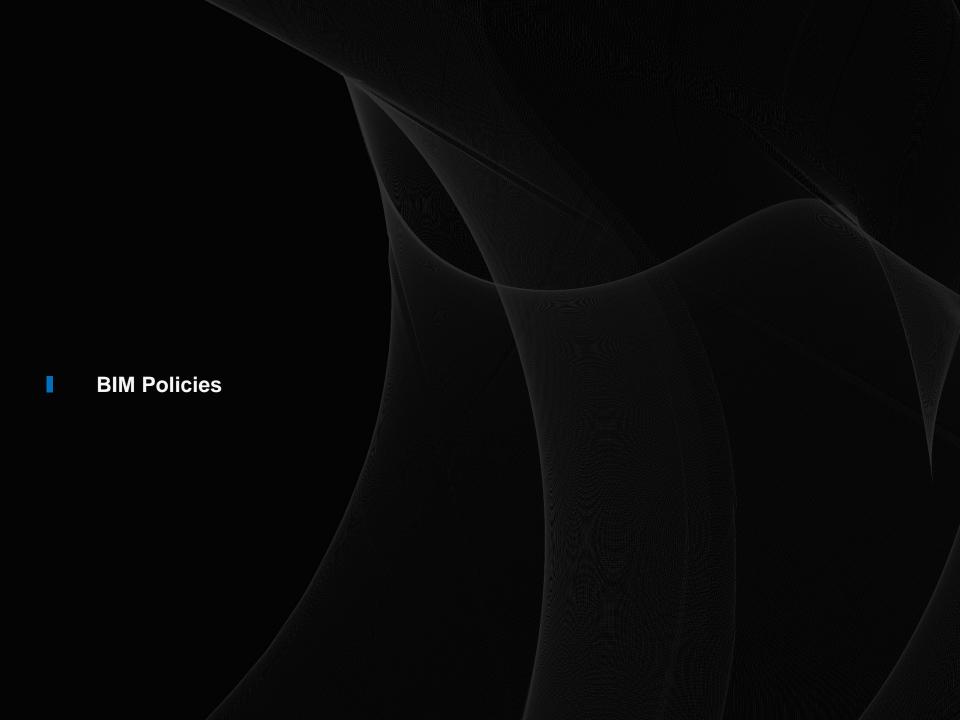


















P GB/T50XXX-20XX

P GB/T50XXX-20XX

P GB/T50XXX-20XX

P 第第二程设计信息模型交付标准

Deliver Standard of Building Besign-Information Modeling

20XX - XX - XX 发布

20XX - XX - XX 炭糖

中华人民共和国国家质量监督检验检疫总局

中国建筑东山农研节党院有理会员 中港一類與制建設发展有關公司 程令人除住(BEZ) 在接受国 上海大学 上等数1 (別園) 公司 可比於第二年70回 中国五州三年设计范围有限公司 北京中债和业权强有限公司 日选人争以前设计研究的 (范围) 有限公司 人律大学曾体引经信誉第二程管理系 学中科技大学建筑与城市品质学院 祝月日建设科学制产院 北京华思维泰克科技和联合司 北京紅色投資采集(馬圖)市以公司 万洲企业库建筑的体现份有对公司 经企业的证明证明 上海市城市組織領別研究各種 国则者让彻底非奇光度 a.C.I.D. 作科性質(武統)上程信息度是有限公司 江苏省岛中華世界末期仍有现代制 深圳中和国际工程设计有限公司 六种准主要趋势人员。(排名不分关系) 沙漠 就不 易苦 彩示飞 - 作門图 下一秋 高龍 海鹿井 王田位 沙排 于清 三春光 姓德 李祁连 茶学生 贷款簿 电广流 英位亚 岩縣 整衣的 龙条元 治療 张昌与 無衣養 盐锅 起單 孩子 全路图 与思虑 医弗 模木石 医节波 牡珀 辛佐先 冯志仁 上条候 柱学妹 侧上 周卫 李竹等 连接核 医中军 節排表 我多年 我会用 舒威 我们 異次款 主绕拳 河至州 果食 3 核点 一经官先 扬州 一场沟路 建洲原 山昌县 四河 三小三 医风壶 杂点料

中华人民共和国国家标准

P GPTSDXXX-20XX

建筑工程设计信息模型分类和编码标准

Standard for classification and coding of building constructions design information model

20XX - XX - XX 要布 20XX - XX - XX 实施

中华人民共和国国家质量监督检验检疫总局

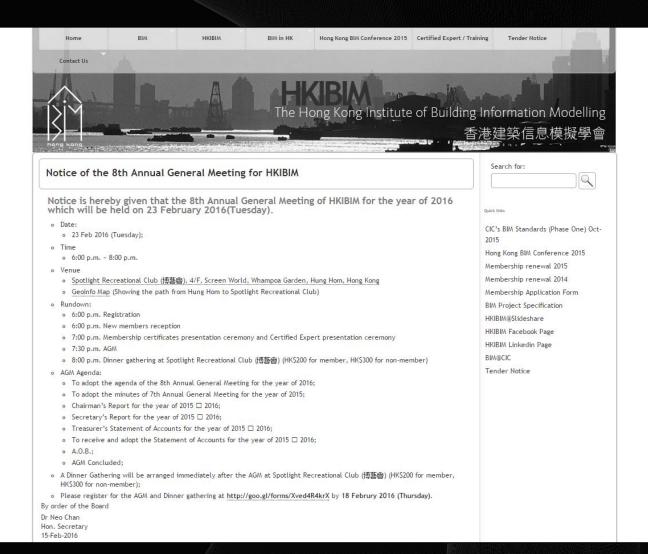
A.C.I.D. BIM Standard

建築工程設計信息模型交付標準

建築工程設計信息模型出圖標準

建築工程設計信息模型分類和編碼標準





## **APPLICATION FORM**





# **IVE Engineering**

Your Partner in Professional Development

20 Tsing Yi Road, Tsing Yi Island, N.T., Hong Kong Fax: 3475 0845 Email: EDIT@vtc.edu.hk

Apply for	Deadline by 15/9/2015 Exam Day 26/9/15 Put < for selection	Deadline by 11/10/2015 Exam Day 24/10/15 Put < for selection	Course Fee Separate crossed the que for each course mad- payable to "Vocational Training Council"	
(Put a ✓ in the box(es) of the course(s) you apply for)			(HK\$)	Cheque No.
1.1 CEI Basic (ArchiCAD)			600	
1.2 CEI Basic (Revit)			600	
2.1 CEII Architecture (ArchiCAD)			1,200	
2.2 CEII Architecture (Revit)			1,200	
2.3 CEII Structure (Revit)			1,200	
2.4 CEII MEP (Revit)			1,200	
2.5 CEII Revit Families			1,200	

### Personal Particulars

reisonai raiticulais	N		
Name : (should be the name shown on HKID/Passport)	(Name in English, family name first)	(Chinese name)	
HKID/Passport No.:	( )	Birthday:	(dd/mm/yy)
Correspondence Address:		Office Phone:	
		Mobile Phone:	
		Fax:	
Email Address:		нківім	
		Membership No.:	

# Declaration (\*Delete where appropriate)

Lwish to receive information from VTC (including course information from its member institutions): (Yes / No.)\*

(					
	I declare that the information provided in this form is, to my best knowledge, accurate and complete. I agree to abide by the rules and regulations of ME if I am admitted to the course. I understand that the information provided in the form will be used by VTC in the admission process.	Signature:			
	and course administration.	Data:			

(June 2015)

- Whether a course will be offered depends on the enrolment and is subject to approval by VTC.

  The applicant will be informed of the timetable one week before the commencement of class.

# **HKIBIM** accredited **BIM Certified Expert**



# **Examination**

(Course Code: 1525)

### Certified Expert Level I Examination

## Available categories:

- 1.1. CEI Basic (ArchiCAD)
- 1.2. CEI Basic (Revit)
- 3 hours
- · 26/9/2015 (Sat)
- HK\$600.00

# Certified Expert Level II Examination

## Available categories:

- 2.1. CEII Architecture (ArchiCAD)
- 2.2. CEll Architecture (Revit)
- 2.3. CEII Structure (Revit)
- 2.4. CEII MEP (Revit)
- 2.5. CEII Revit Families
- 3 hours
- · 24/10/2015 (Sat)
- · HK\$1,200.00











- BIM Centre, IVE (Monsion Hill) 6 Oi Kwan Road, Wanchai, Hong Kong
- . Or, other BIM Centre of VTC

### Application

. Submit the duly completed Application Form with a crossed cheque for the course fee of each course to: Engineering Discipline In-service Training Rm B322, 20 Tsing Yi Road, Tsing Yi Island

# Enquiries

- T 2435 9423 (Mon- Fri 9:00-12:30 am & 1:30-5:00 pm)
- E EDIT@vtc.edu.hk
- W EDIT.vtc.edu.hk

EDiT.vtc.edu.hk (June 2015)



# **BIM Education Road Map**





and standards

### CEIII Architecture (Revit) 36 hrs



# CEIII Structure (Revit)



# CEIII MEP (Revit)

Detailed Design, Statutory Documentations and Project Management level.



### CEII Architecture (Revit) 32 hrs

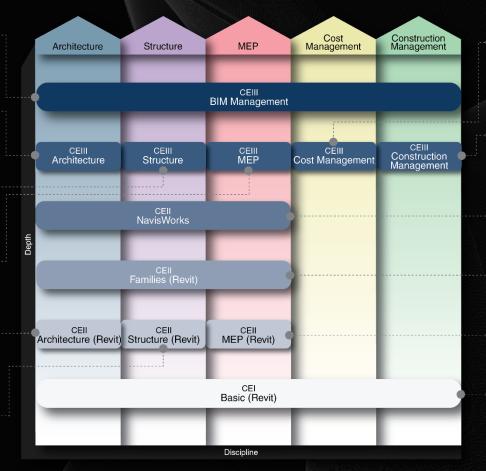
Common operational commands in architectural BIM model for design visualization, co-ordination and production of professional drawings.



### CEII Structure (Revit) 32 hrs

Collaboration of other project team disciplines producing collaborative design, and production of professional drawings. Integration of structural analysis.





# **CEIII Cost Management** 24 hrs

process and cost control over



# **CEIII Construction Manag** ment 32 hrs

BIM application during extensive project management



# CEII Navisworks

Clash Analysis among differer BIM Systems and Constructio sequences.



# [CEII-F]

Fundamental family building using Extrusion, Revolve, Blend, Sweep and Sweep Blend; to sophisticated parametric design principles



### CEII MEP (Revit) 32 hrs

Collaboration of other project team disciplines; producing collaborative design, and production of professional drawings



# CEI Basic (Revit)

System settings, parametric and compilation to building form; definition /editing properties, drawings sheets, B.Q. and overall BIM management.





