

#### **BEAM Society Limited**

## 2<sup>nd</sup> Stakeholder Engagement Workshop of the Assessment Automation System 15<sup>th</sup> October 2020

Please type in your questions, if any, in the chatbox.

• We will try to answer accordingly.



## **Rundown of the Workshop**

- **1. Recall of iBEAM Features**
- Detailed Elaboration on iBEAM Design and Features

   a. Project Registration Process
   b. e-Forms/ Documents Submission Process
- 3. Way Forward
- 4. Q&A



## **Rundown of the Workshop**

#### **1. Recall of iBEAM Features**

- Detailed Elaboration on iBEAM Design and Features

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#### 4. Q&A



## **iBEAM** features and benefits

	Modules		Description
1	Document Submission Module	$\bigcirc$	A portal with functions to <b>process</b> and <b>archive information</b> in e- Forms submitted by the Applicants.
2	Workflow & Approval Module		A <b>centralized project management module</b> that would define, execute and automate the processes.
3	Online Communication Module	Щ С Ц	A communication platform for all concerned parties.
4	Reporting Module		A <b>flexible</b> and <b>fully customizable report generator</b> that obtains real-time results on information stored within the System.
5	Knowledge Database & Keyword Search Module		A <b>centralized digital database</b> of all information pertaining to BEAM Plus assessment and its related services.
6	Finance Module		Financial reports generator, billing and invoicing system.
7	BAS Assignment Module	$\rightarrow$	An <b>automated BAS assignment</b> platform to safeguard transparency and integrity.



## **iBEAM** features and benefits





## **iBEAM** features and benefits



Industry and expert opinion





#### BEAM Plus Existing Buildings Version 2.0 (20603) Comprehensive Scheme

BEAM Plus Existing Buildings

Version 2.0 (2016.03) Selective Scheme



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Go to the HKGBC website and register for a BEAM Plus Project https://beamplus.secure.force.com/ ALL prefilled project data will be directly transferred to iBEAM automatically Settle BEAM Plus Assessment fee with BSL

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BEMM

#### Account Activation

 An invitation email will be sent automatically once the project owner has assigned designated email address(es)



BE

#### **iBEAM**

To: david@gmail.com

Dear Sir/Madam,

#### Project 2020-643NB: Residential Development in Tsuen Wan, New Territories

You are invited to associate with the assessment of this project.

Please click the link below to access your project account: <a href="https://ibeam.com.hk/2020-643NB/BP1">https://ibeam.com.hk/2020-643NB/BP1</a>



## Activate Individual Account (1)





#### BE **Project Registration Process on iBEAM** BE Q Search Ask BEAM Projects Inbox 3 \*Concept only **i BEMM** Each of the BEAM Pro will have his/her own individual account Email Address\* BEAM Pro **BE** Password\* **BEAM Pro ID:** Forgot Password? No account? Register now! Name: **Email Address:** Login ask BEAM 13

#### **Project Account Log-in Landing Page (1)**

\$\$ June 2020 \$\$	x June 2020 x   s M T   1 2   1 2   1 2   1 2   2 3   4 15   16 17   18 19   20 11   12 23   24 25   26 27            20.10.2020 (Mon)   11 12   13 19   20.10.2020 (Mon)   11 10   30.10.2020 (Mon)   11 10   12 23   24 25   25 26   27 30            20.10.2020 (Mon)   11 10   30.10.2020 (Mon)   11 10   12 26   27 30         20.10   20.10   20.11   20.12   20.12   20.12   20.14   20.15   20.15   20.16   20.16   20.17   20.17   20.16   20.17   20.16   20.16   20.16   2		X							🖬 Calendar 📰	List	Credit Interpretation Request (CIR)		
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7       8       9       10       11       12       13         14       15       16       17       18       19       20 <sup>9</sup> 21       22       23       24       25       26       27         28       29 <sup>9</sup> 30 <sup>9</sup> 27       27       28       29 <sup>9</sup> 30 <sup>9</sup> 1 item	7 8 9 10 11 12 13   14 15 16 17 18 19 20°   21 22 23 24 25 26 27   28 29° 30°    ecent Projects   2020-643NB(R) Target rating Platinum Target rating Platinum   2020-643NB(R) Residential Development at T.P.T.L. 223, Tsuen Wan, New Territories New Buildings V2.0   Last Provisional Assessment   Target rating Platinum () BEAM Society Limited Announces Changes in Directorate Of Aug 2020	SMTWTFS 123456				т 4	<b>F</b> 5	<b>s</b> 6	20 Jun 2020 (Sat)	0 Jun 2020 (Sat) 2 items		Credit Library		
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28       29       30       Latest News         Recent Projects       See all >       The 14th BEAM Affiliate Training and Examination open for Registration on See all >	28       29       30       Latest News         Latest News         Colspan="2">Latest News         Colspan="2">Colspan="2">Latest News         See all >         2020-643NB(R)       See all >         Target rating Platinum >         Platinum >       Platinum >	21	22	23	24	25	26	20	30 Jun 2020 (Mon)	1	item			
ecent Projects See all > The 14th BEAM Affiliate Training and Examination open for Registration 01 Sep 2020	See all       See all       The 14th BEAM Affiliate Training and Examination open for Registration 01 Sep 2020         Image: Description of the second	28	29 <sup>1</sup>	30 <sup>0</sup>								Latest News		
	2020-643NB(R)       Target rating       BEAM Society Limited Announces         New Buildings V2.0   Last Provisional Assessment       Platinum       Aug 2020	ece	ent F	Proje	ects						See all 🖒	The 14th BEAM Affiliate Training and Examination open for Registration 01 Sep 2020		
2020-643NB(R)       Target rating       BEAM Society Limited Announces         Changes in Directorate       Changes in Directorate         New Buildings V2.0   Last Provisional Assessment       Platinum			R	2020- <b>Resi</b>	643NB <b>denti</b>	(R) al De	evelo	pment	at T.P.T.L. 223, Tsuen Wan, New Territories	Target rating Platinum	>	BEAM Society Limited Announces Changes in Directorate 06 Aug 2020		

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#### **Project Account Log-in Landing Page (2)**

nbo	x							<b>⋶</b> Calendar i≡ List	BEAM Pro BP-2099-0099
<		Ju	ine 20	20		>	4 items due in this month		david@gmail.com
S	<b>М</b> 1	т 2	<b>W</b> 3	т 4	F 5	<b>s</b> 6	20 Jun 2020 (Sat)	2 item	My Profile
7 14	8 15	9 16	<b>10</b> 17	11 18	12 19	13 20 <b>2</b>	29 Jun 2020 (Mon)	1 iter	Settings
21 28	22 23 24 25 26 27 29 <sup>0</sup> 30 <sup>0</sup> 30 <sup>0</sup> 30 30 30 Jun 2020 (Mon)			30 Jun 2020 (Mon)	1 iter	Sign-out			
Recent Projects								See all	
Image: New Buildings V2.0         Last Provisional Assessment						<b>pment</b> Provisiona	at T.P.T.L. 223, Tsuen Wan, New Territories al Assessment	Target rating Platinum	BEAM Pro BEAM Pro ID:
EB 2020-434EB(R) Campus Development of Wisdom Secondary School								Torretetion	Email Address:

#### 1 Project Administrator account + 8 Project User accounts

#### **O** Project Admin Account

- Project user account
- Project user account
- **O** Project user account
- Project user account

- Project user account
- Project user account
- Project user account
- Project user account

#### **User authority chart**

## Project Admin Account

Main user/ Master of sub-accounts

Assign up to 8 sub-accounts by filling in their email addresses

#### **Project User Account(s)**

- Up to 8 personnel involved in the project
- Can edit e-form

#### One of them should be the Project BEAM Pro

- A BEAM Professional who is responsible to confirm the submission
- Can edit General Form and Fact Sheet (on top of e-form)
- Can assign other Project User accounts upon the Project Admin's delegation



#### **Overall summary of project**

#### Easy view of required actions from Applicant





Tasks to be completed by a certain date shown in calendar

BEM

#### Project Fact Sheet Download fact sheet Price calculation Please review and provide all the required information on the fact sheet before submitting for agreement. 24 Apr 2020 Last updated Version history V Assessment Scheme BEAM Plus New Bulk Prefilled project data from HKGBC will be directly transferred to iBEAM 22 Apr 2020 Project Informat 22 Apr 2020 🛃 Project Name (English) With flexibility to allow Applicant to Project Name (Chinese modify the fact sheet data Project Address (Englis Project Address (Chinese) TPTL 223 Lot Number Project District Tsuen Wan Geo Code 22.372733. 114.110259

BEMM

Project Fact Sheet			Download fact sheet 📭	Price calculation <b>PDF</b>
Please review and provide all the required info	rmation on the fact sheet before submitting for agreement.			
Assessment Scheme	Last updated Version history ∨	24 Apr 2020		
BEAM Plus New Building V1.2				
Project Information	B	Financial documentsInvoiceINV20201122V.O.V020201122	22 Apr 2020	
Project Name (English)	Residential Development at T.P.T.L. 223, Tsuen Wan, New Territories		View more	
Project Name (Chinese)	-			
Project Address (English)	200 Tai Ho Road, Tsuen Wan		Related discussions	
Project Address (Chinese)	-		•	
Lot Number	TPTL 223			
Project District	Tsuen Wan		•	
Geo Code	22.372733, 114.110259			





## **Rundown of the Workshop**

#### **1. Recall of iBEAM Features**

- 2. Detailed Elaboration on iBEAM Design and Features b. e-Forms/ Documents Submission Process
- 3. Way Forward

#### 4. Q&A

#### BEAM e-Forms/ Documents Submission on iBEAM



#### BEAM e-Forms/ Documents Submission on iBEAM



## BE@M e-Forms/ Documents Submission on iBEAM

BEAM Projects Inbox Ask BEAM		Search	С	<b>9</b>	David Lee 🗸
2020-643NB(R) Residential Development in Tsuen Wan, New Territories	New Building V1.2 Provisional Assessment	Overview	<mark></mark> Credits	<b>D</b> ocuments	Discussions
General Form				Credit requ	uirements PDF
Project Schedule					Part 1 of 7
For multiple phase in a single PA or FA assessment, please fill in the earliest start date for date of complete date for the work completion.	commencement and the final	Gene	eral Informat	ion	
1. Demolition	Yes No		Site Aspec	t	
2. Foundation	Yes No		Material As	pect	
		<b>B</b>	Energy Us	e	
3. Super-Structure / Construction		Ċ	Water Use		
Date of Commencement     Date of Work Completion       mmm •     yyyy •			Indoor Env	ironmental	Quality
Consent for the commencement and carrying out of work submitted				Ironmentai	Quanty
Yes No		Ś	Innovation	s and Additi	ions

### BEAM e-Forms/ Documents Submission on iBEAM



#### BE@M e-Forms/ Documents Submission on iBEAM

2020-643NB(R) Residential Development in Tsuen Wan,		New B Provisi	uilding V2.0	≣	E		Discussions
Credit Summary of credits	lity		Indica to be	ate att	cred emp	its ted	irements 📭
Materials and Waste	Applicabl	e? Credits applicable	Credits attempted				Part 2 of 7
MW P1 Minimum Waste Handling Facilities Pre-OP		PR	PR	Ger	eral Informa	tion	
MW 1 Building Re-use		Bonus	3B 👻	¢	Integrated Construct	Design & ion Manage	ement
MW 2 Modular and Standardised Design Pre-OP		2	1 -	Ø	Sustainab	le Site	
		Bonus	0B -		Materials	and Waste	
MW 3 Prefabrication		1	1 -		Energy Us	se	
		Bonus	1B -	6	Water Use	9	
MW 4a Design for Durability and Resilience - Building Material Selection Appraisal Pre-OP		1	0 -	6	Health an	d Wellbeing	
MW 4b Design for Durability and Resilience - Protecting Vulnerable Parts of the Building from Damage		Bonus	0B -	9	Innovatior	is and Addit	tions

## BEMM e-Forms/ Documents Submission on iBEAM

123SubmissionAssessmentCertification	Credits attempted 9P + 71.6	Credits anticipated 4P + 38.0	Current ratingTarget:Platinum (79.70)Bronze >Submit by:29 Jun 2020
Site Aspects 2	Credits attempted 1P + 16.0	Credits anticipated 1P + 10.0	Credit summary
Materials Aspects 6	Credits attempted 4P + 6.0	Credits anticipated 2P + 2.0	Reports   Certificates     Extend due date   Withdraw
Energy Use 113	Credits attempted 1P + 27.0	Credits anticipated 1P + 12.0	Ν
Water Use 2	Credits attempted 2P + 5.0	Credits anticipated $OP + 5.0$	43
Indoor Environmental Quality 12	Credits attempted 1P + 13.6	Credits anticipated 0P + 4.0	
Innovations and Additions	Credits attempted 6.0	Credits anticipated 5.0	

Submit all

### BEAM e-Forms/ Documents Submission on iBEAM





## e-Forms on iBEAM

	cts Inbox 🕴 Ask BEAN	1		Search	C	8	David Lee 🗸	
2020-643NB(R) Residential Development in Ta	suen Wan, New Territories	New Buil Provision	lding V1.2 nal Assessment	Overview	<b>E</b> Documents	 Discussions		
MA 3 Prefa	abrication							
MA 3 Prefabrication	Appendix A MA 3-S-A							
Credit Attempted	(i) Credit requirement						Part 1 of 3	
Credit applicable	2	Credit attempted	1	Section Stages Applica	on A - C of Assessmen bility of Buildin	t, Reporting Ur g Elements	nit,	
A. Stages of Asses	Sectio	on D						
The project is undergoing Provisional Assessment.						Continue E		
B. Reporting Unit		Secto Summa Elemen	rry of Prefabric ts, Additional I	ated Building nformation (O	ptional)			
Metric tonnes (by weigh	Cubic meters (by volume	e)		Credi	ts Cr ble atte	edits mpted a	Credits nticipated	









Note: Any comments and/or documents submitted under this section will be considered upon its merit and will be considered on a case-to-case basis.

Done









Yes

No





1. Facade

No

#### BE

Section A - B

Part 2 of 2

## e-Forms Features on **BEAM**



basis

Last Provisional Assessment

**IDCM 1** Sustainability Champions – Design

#### C. Additional Information Optional

Please provide additional comments and/or documents that may contribute to the compliance of the credit.

1.	N/A	Stages of Asses Professionals/	ssment, Design B Affiliates	BEAM 🗸
		Section C Additional Infor	mation (Optiona	I)
	File 1:	Cradita	Cradita	Cradita
	U Add file	applicable	attempted	anticipated

Add more **Both Manual** and Auto Save features will be available Note: Any comments e-Forms will be auto-saved every 5 minutes 

> Save Done

40



#### C. Applicability of Building Elements

#### BEAM e-Forms/ Documents Submission on iBEAM



#### BE@M e-Forms/ Documents Submission on iBEAM

The Design BEAM Pro/ Affiliate is with valid BEAM Plus NB v2.0 accreditation and credential during his/ her appointment?



#### BEAM e-Forms/ Documents Submission on iBEAM







# e-Forms demo session



## **Rundown of the Workshop**

#### **1. Recall of iBEAM Features**

# Detailed Elaboration on iBEAM Design and Features a. Project Registration Process b. e-Forms/ Documents Submission Process

#### 3. Way Forward

#### 4. Q&A



## Way Forward

#### Late Nov 2020 **3<sup>rd</sup> Stakeholder Engagement Workshop**

- Continue with the development of project management workflow
- Preliminary knowledge database design

#### Jan 2021 **iBEAM Experience Studio**







**Focus-group** will be established to gather more industry participation on the following modules:

	Modules		Description
1	e-Forms		Standardised forms to allow consistent submission.
2	Document Submission Module	$\bigcirc$	A portal with functions to <b>process</b> and <b>archive information</b> in e- Forms submitted by the Applicants.
3	Workflow & Approval Module		A <b>centralized project management module</b> that would define, execute and automate the processes.
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6	Knowledge Database & Keyword Search Module		A <b>centralized digital database</b> of all information pertaining to BEAM Plus assessment and its related services.
7	Finance Module		Financial reports generator, billing and invoicing system.



#### Privilege entitled as a focus-group member:

#### Direct solicitation of advice amid System development period

Priority in joining protocol/ System demonstration



#### Jan 2021 iBEAM Experience Studio

Be the first to test the efficiency of iBEAM!

We will be calling for passionate individuals to join the **iBEAM Experience Studio**.

Enrolment details will be announced in good time. Stay tuned!



# Feedback wanted!

- Please spare 5 minutes to complete the questionnaire!
- 0.5 CPD hours will be rewarded to all BEAM Practitioners.

Your views and opinions will be decisive for the BSL's further consideration, especially during the current System development stage.



https://bit.ly/2Fw0ooS





- Please type in your questions, if any, in the chatbox.
- We will try to answer accordingly.



# 5-min questionnaire for the workshop

**0.5 CPD hours** will be rewarded to all BEAM Practitioners.





# Thank you