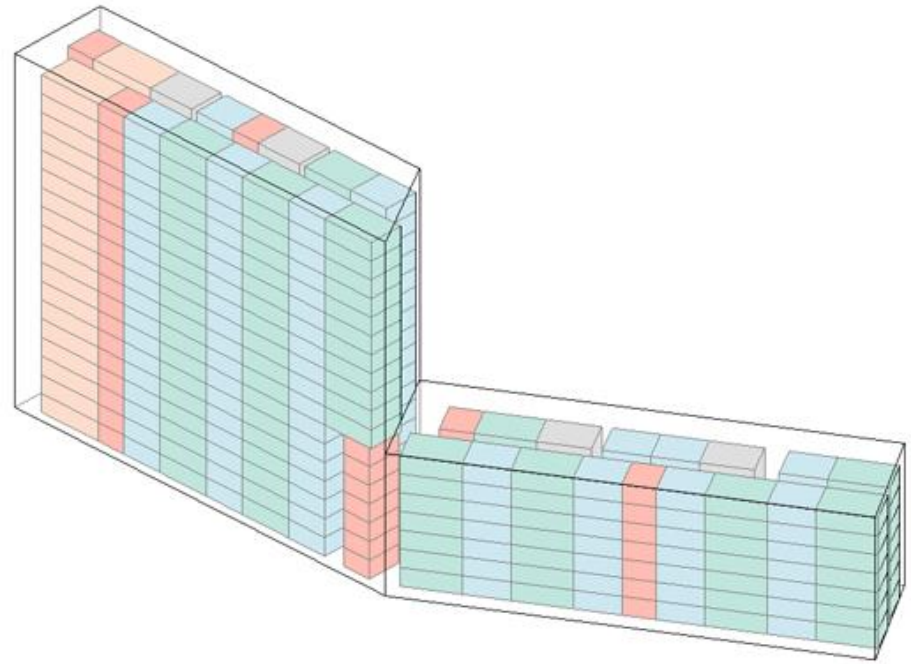

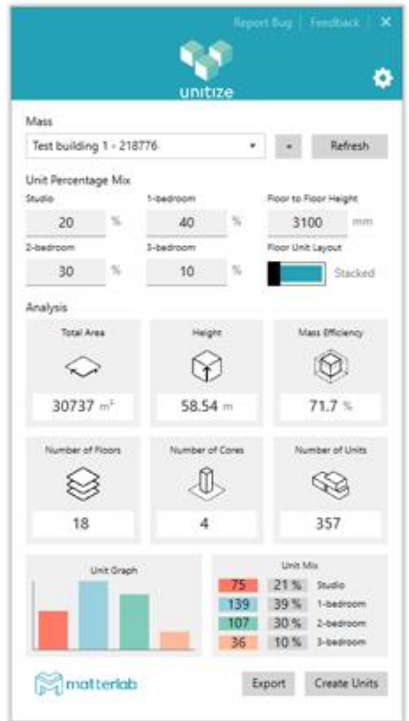

Unitize

Revit Add-in Demo

Add-In Demo

Unitize

Thanks

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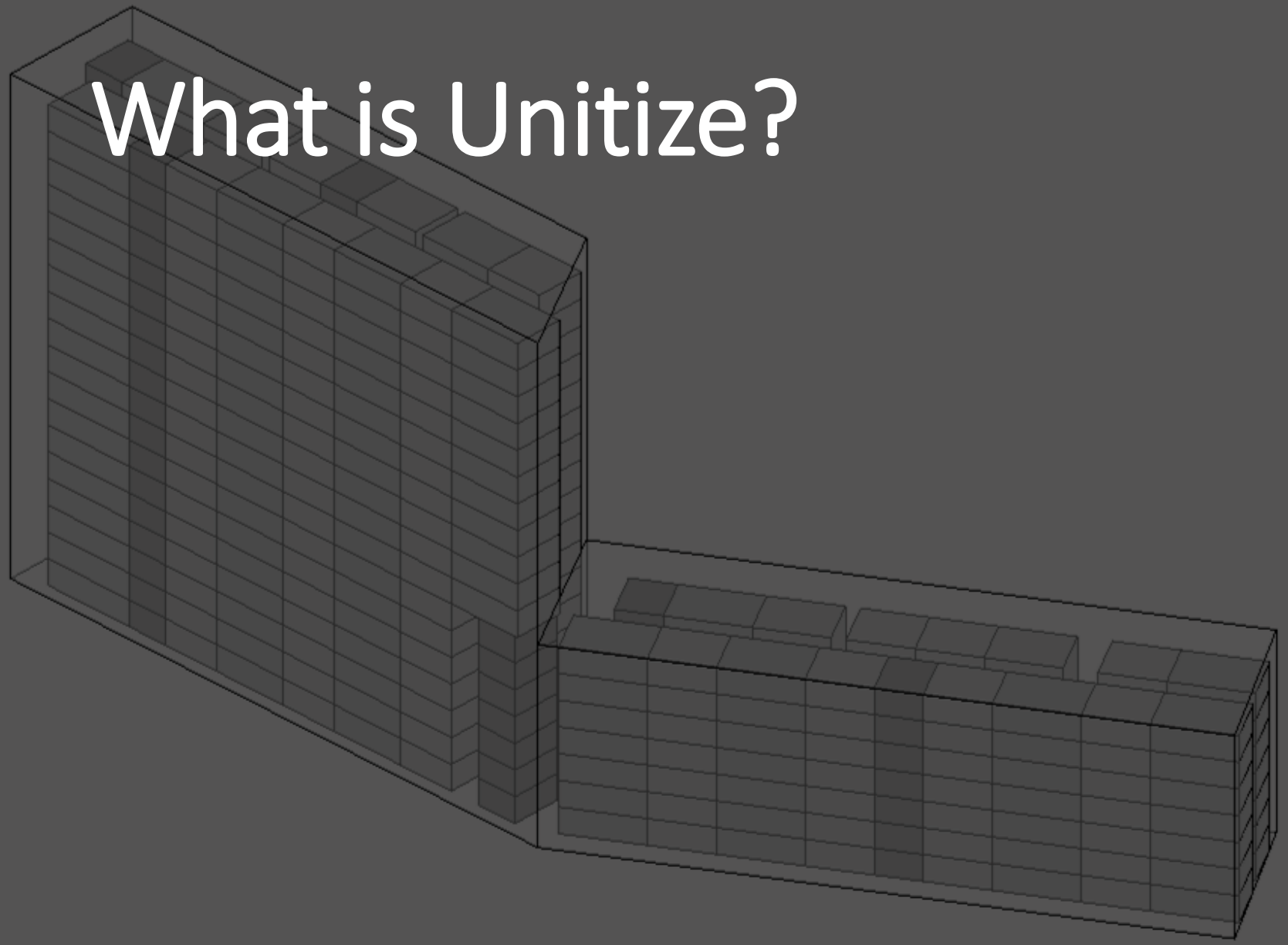
https://www.matterlab.co/home

Antonio Rodriguez Vazquez
Computational Specialist at matterlab

What is Unitize?



Report Bug | Feedback

unitize

Mass

Test building 1 - 218776 | + | Refresh

Unit Percentage Mix

Studio	1-bedroom	Floor to Floor Height
20 %	40 %	3100 mm
2-bedroom	**3-bedroom**	**Floor Unit Layout**
30 %	10 %	Stacked

Analysis

Total Area	Height	Mass Efficiency
30737 m²	58.54 m	71.7 %
Number of Floors	**Number of Cores**	**Number of Units**
18	4	357

Unit Graph

Unit Mix

75	21 %	Studio
139	39 %	1-bedroom
107	30 %	2-bedroom
36	10 %	3-bedroom

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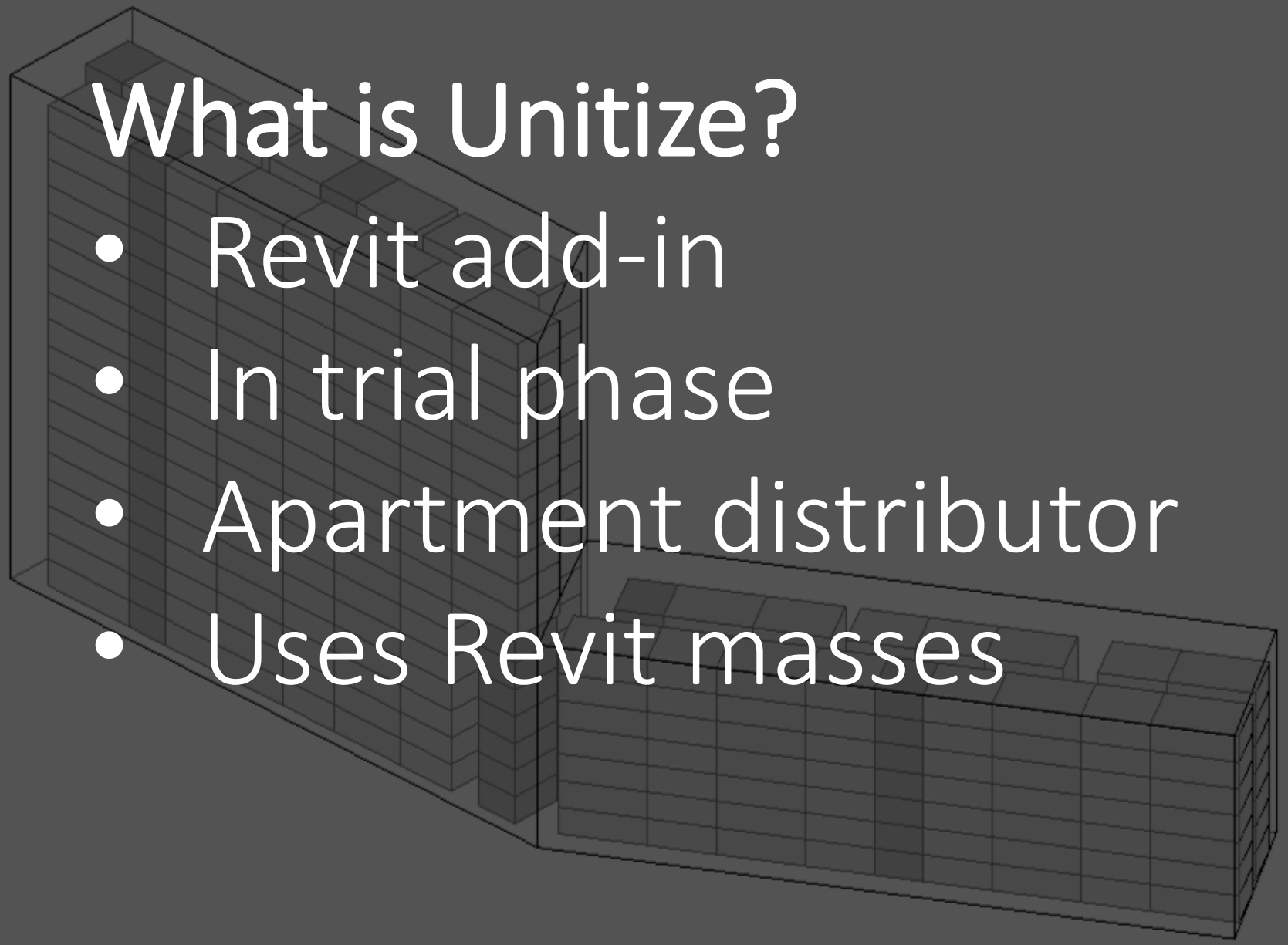
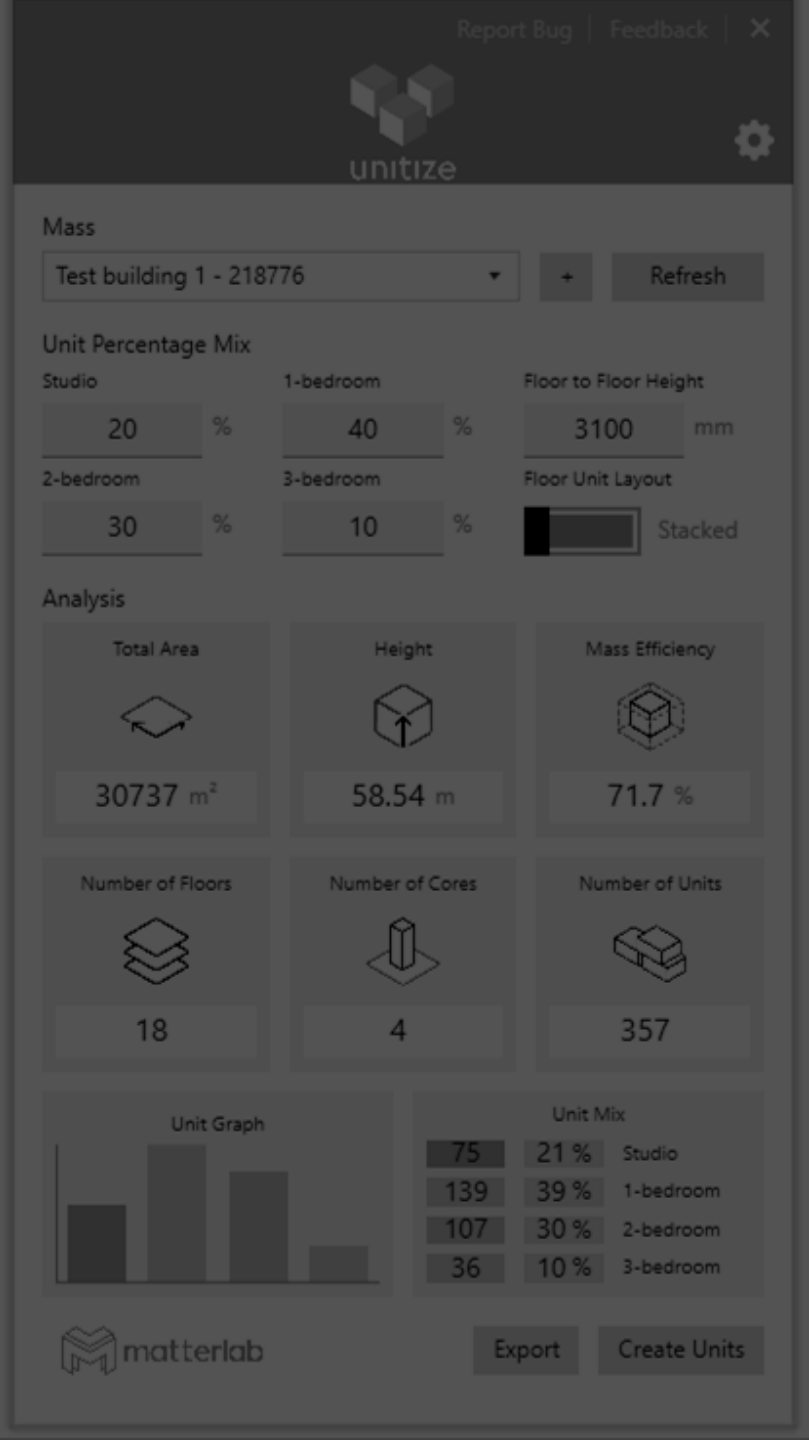
Export | Create Units

What is Unitize?

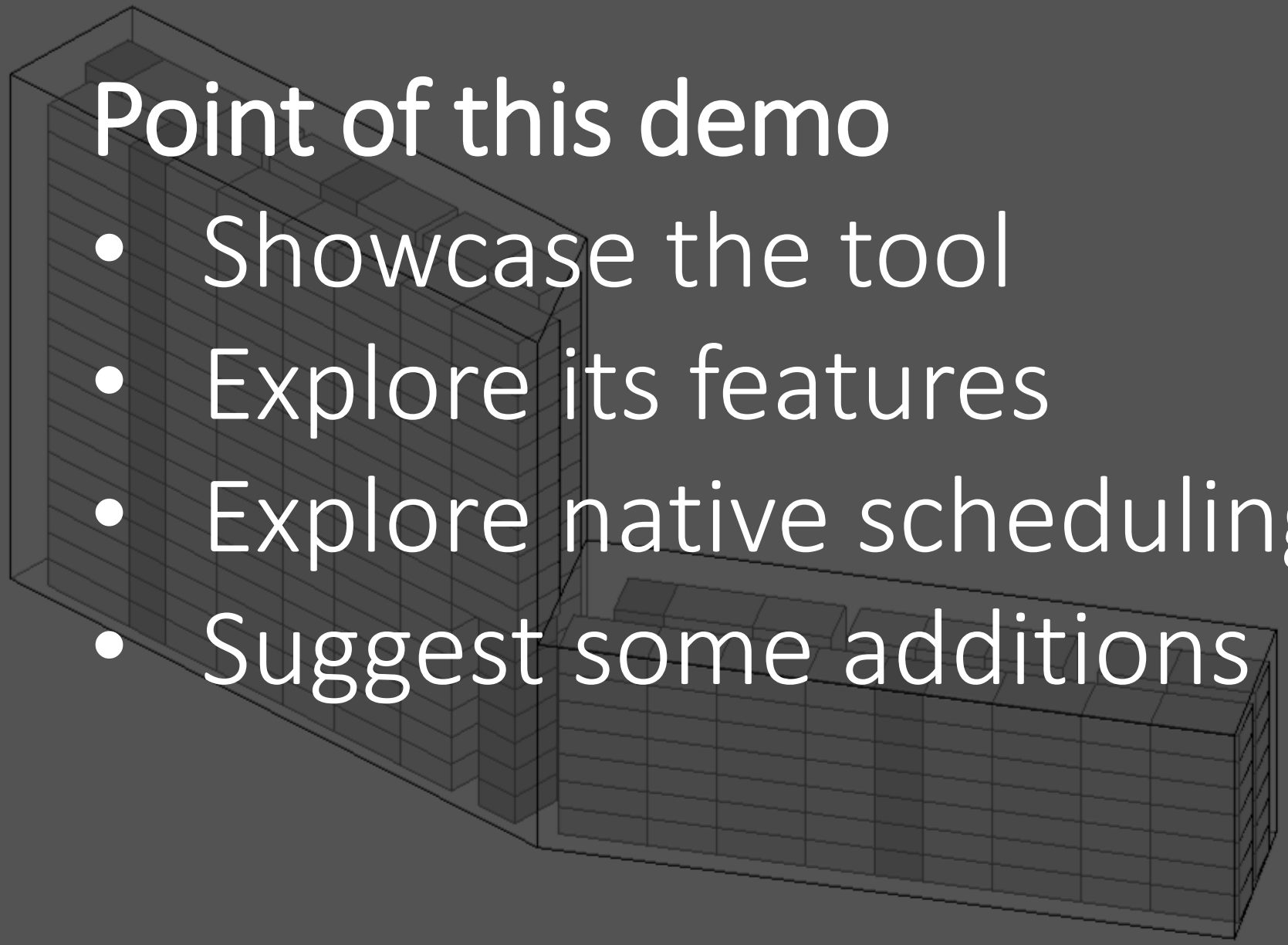
- Revit add-in
- In trial phase
- Apartment distributor
- Uses Revit masses

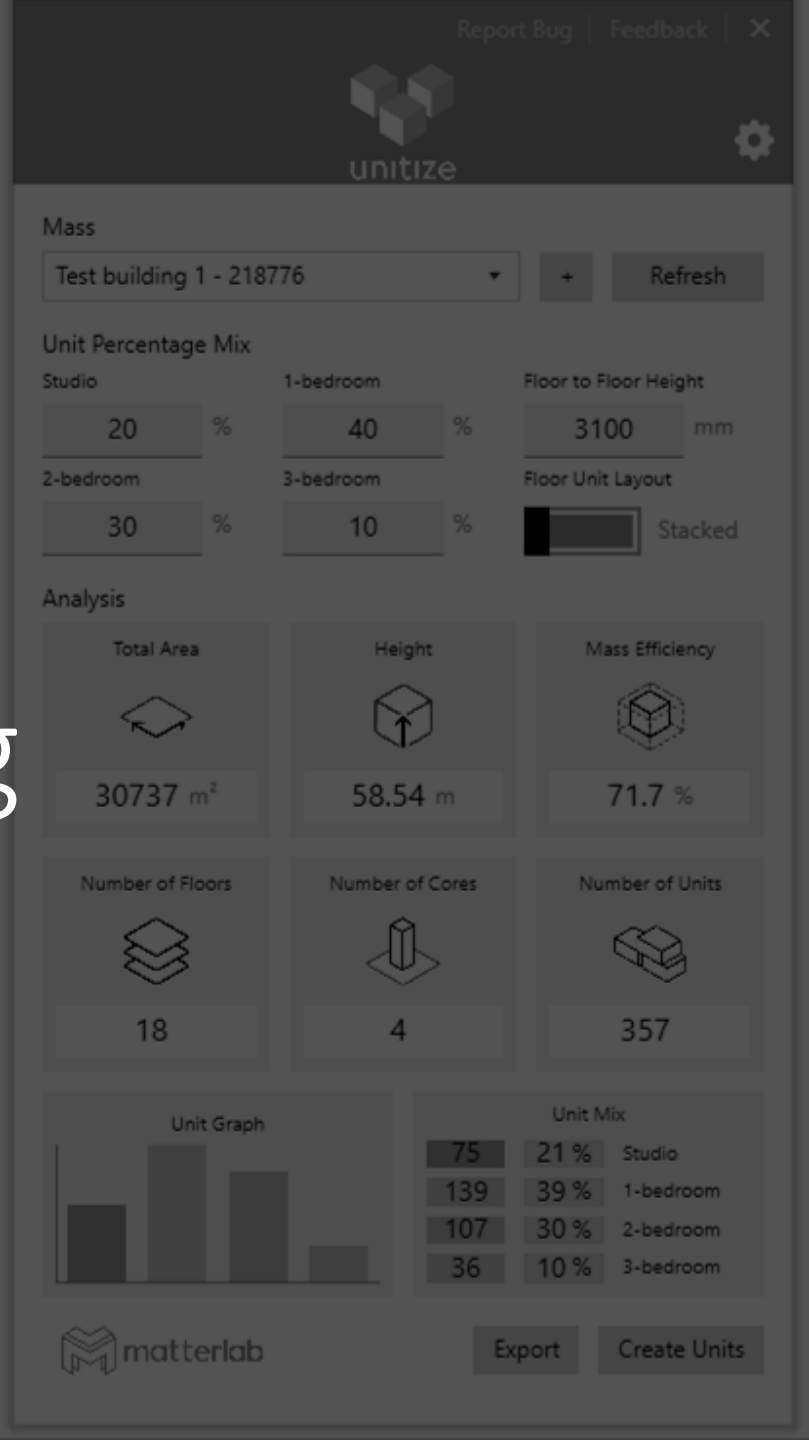




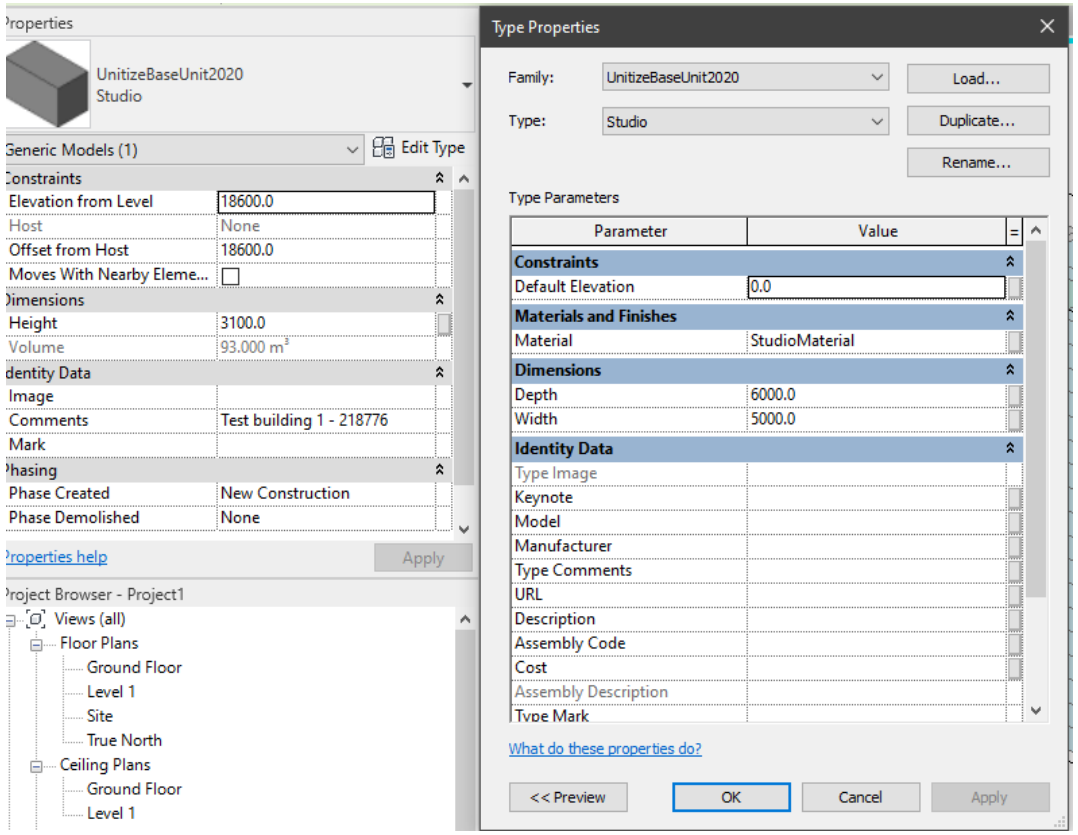
Point of this demo

- Showcase the tool
- Explore its features
- Explore native scheduling
- Suggest some additions



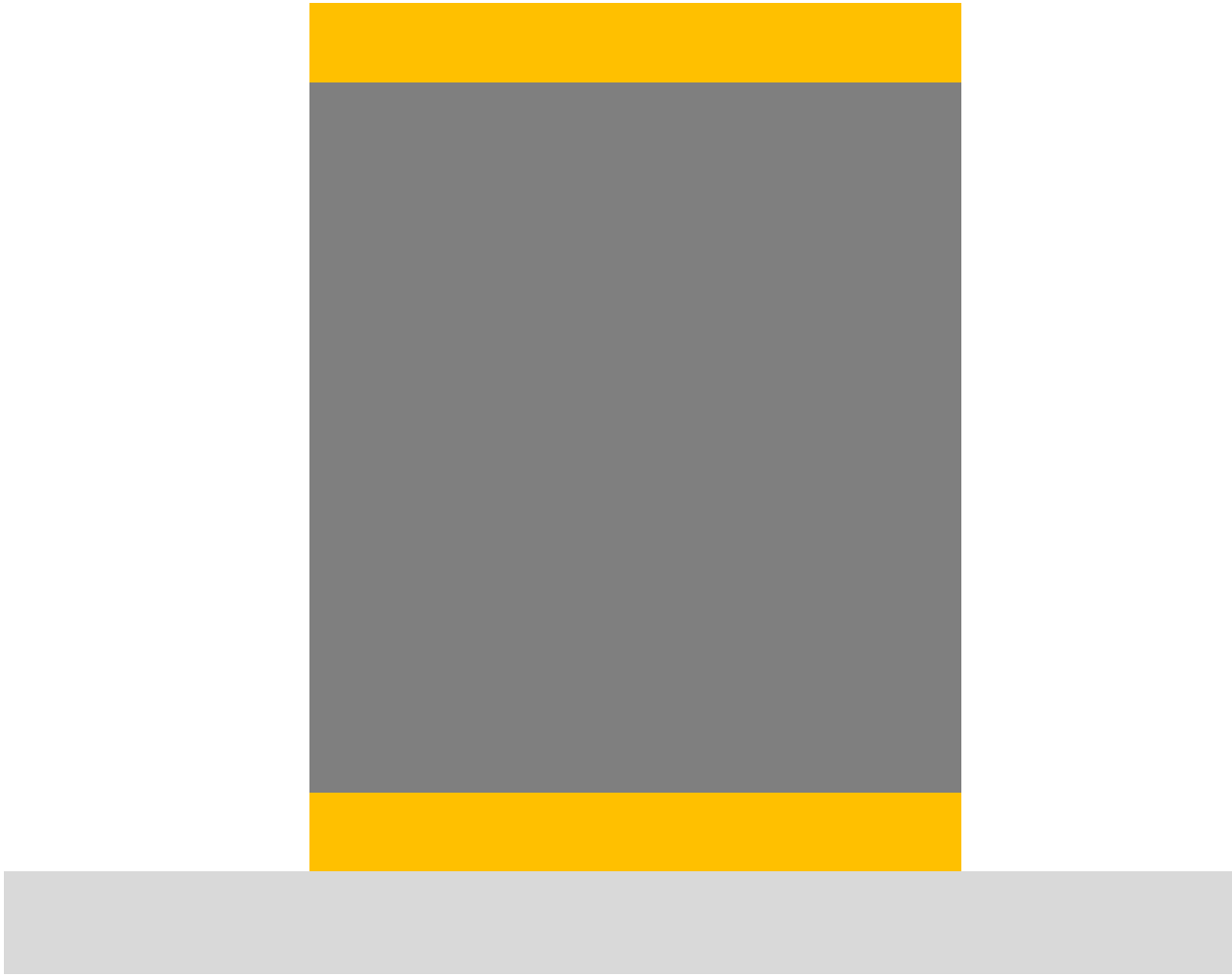


Family Data For Scheduling

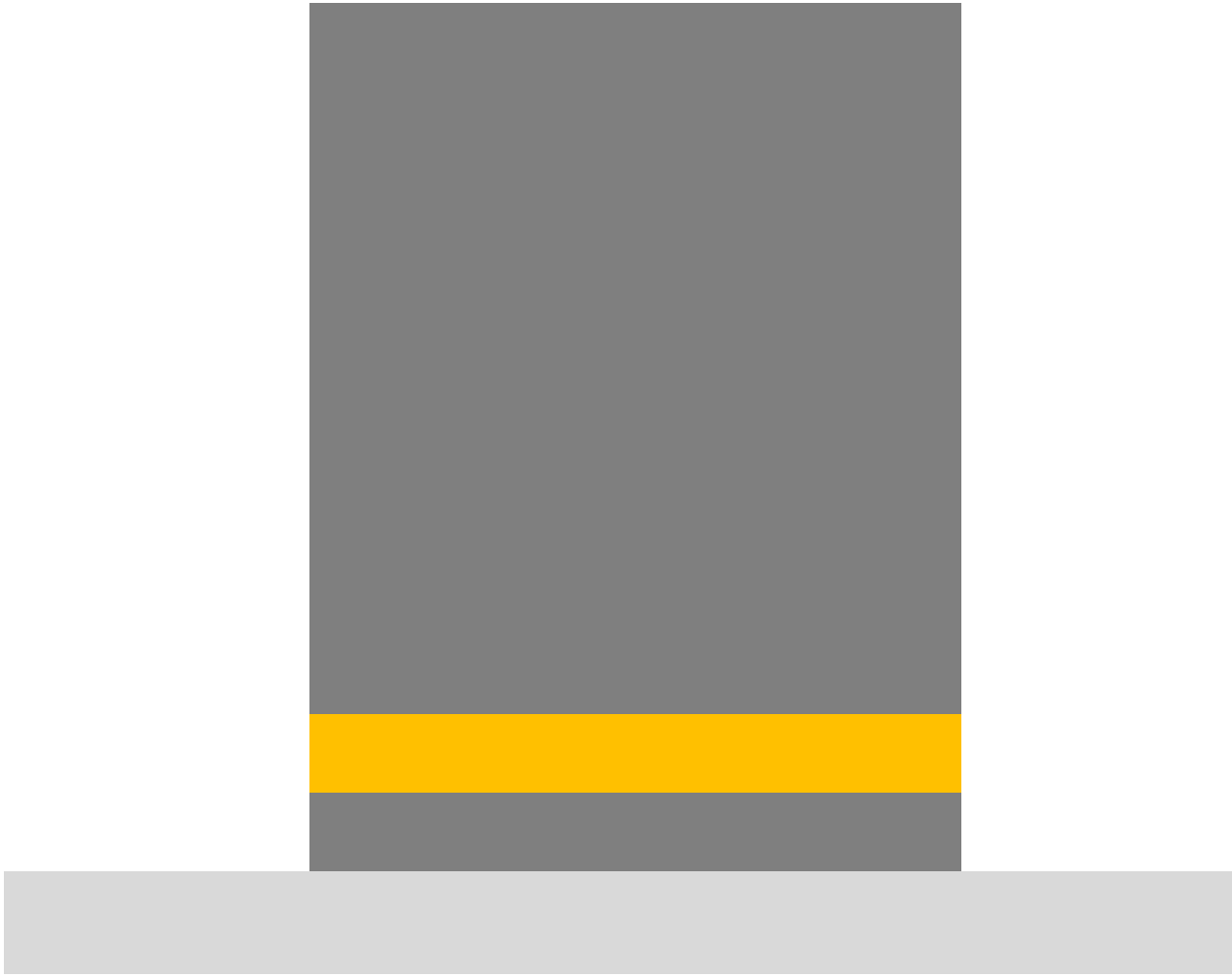


Corner Apartments

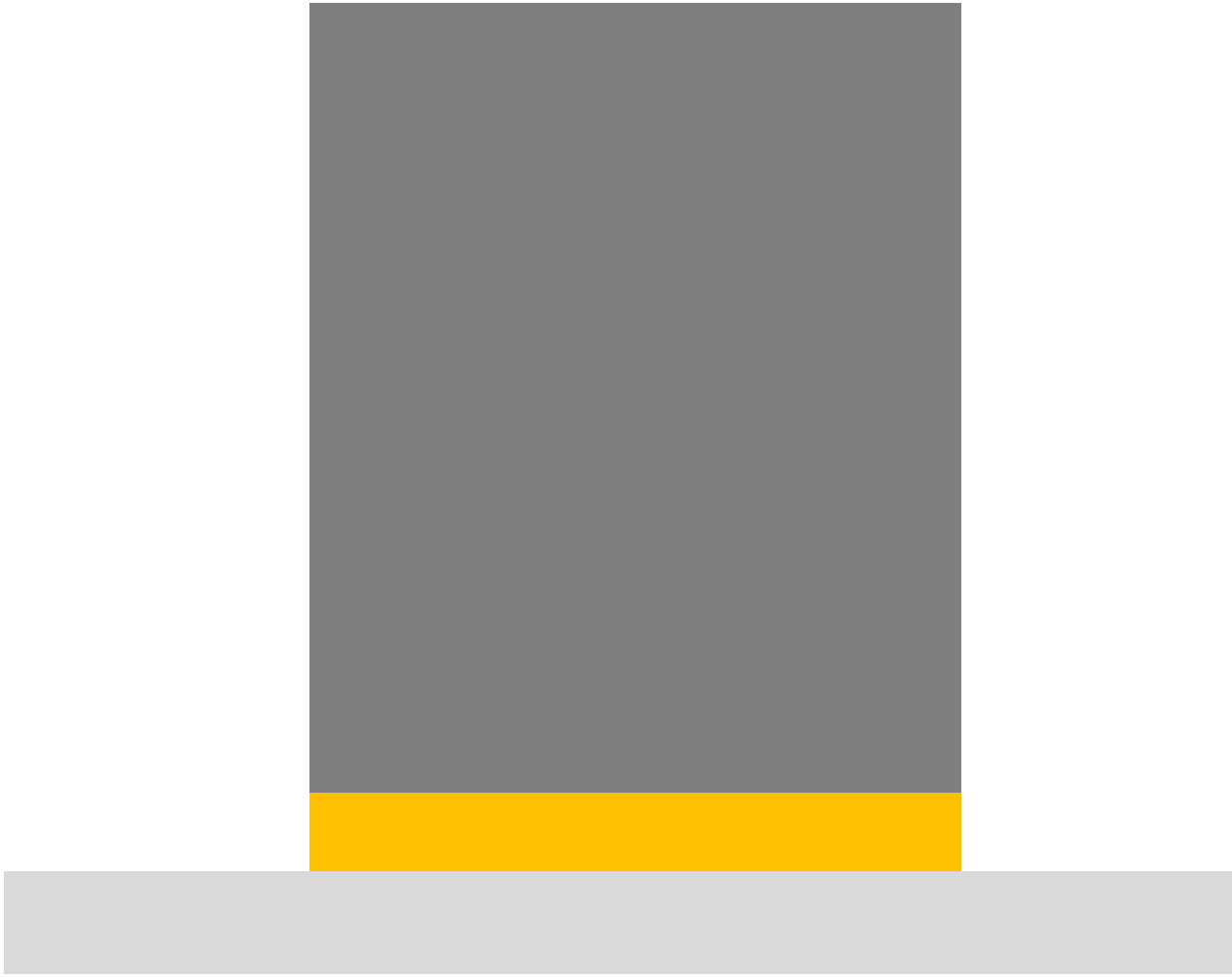
Floor height Exceptions



Plant floors



Podium

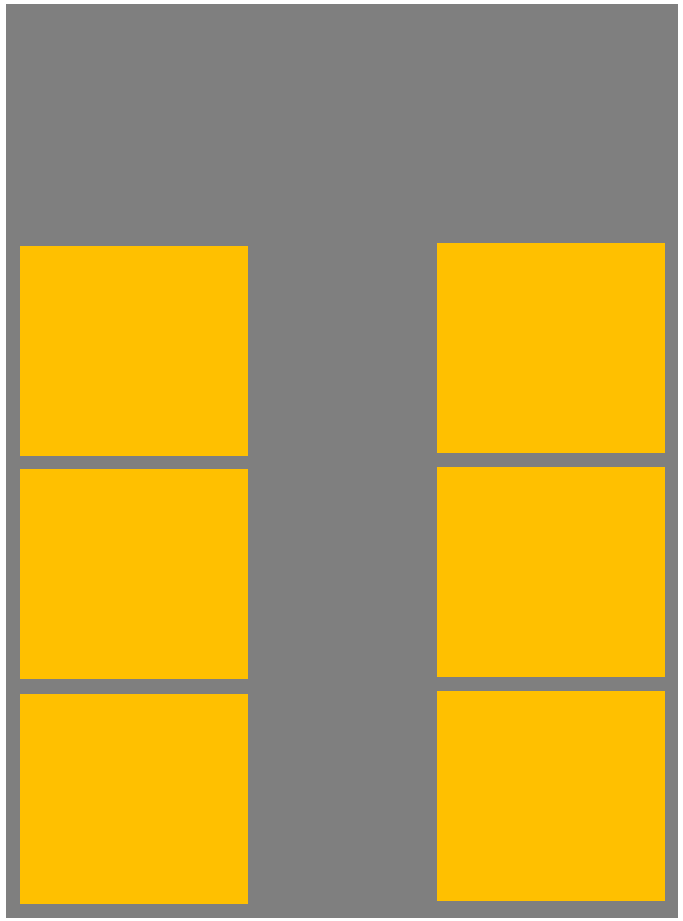


Basement Bulk

Core Data and Options

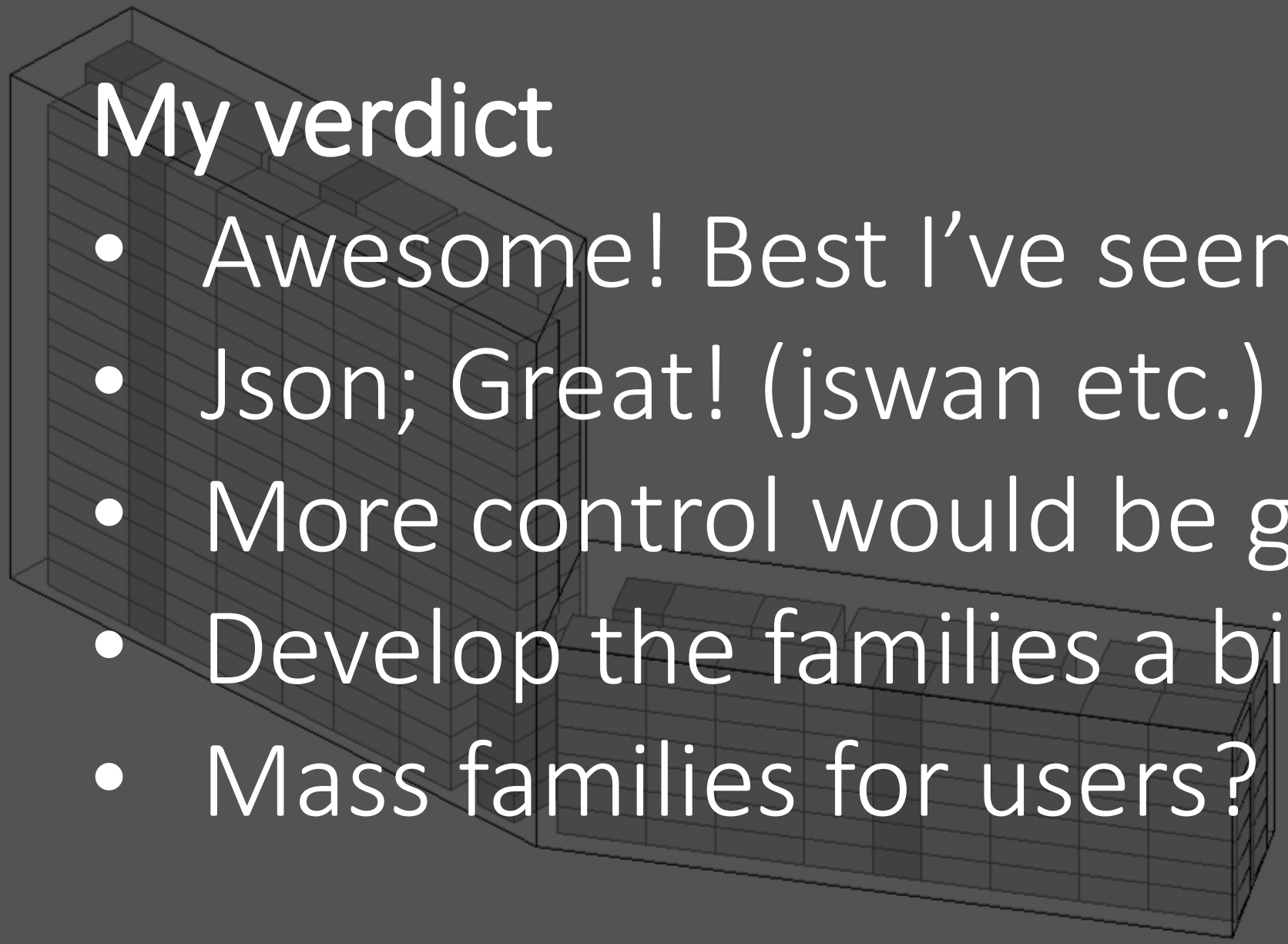
Core Depth

Lift Sidings



My verdict

- Awesome! Best I’ve seen (for Revit)
- Json; Great! (jswan etc.)
- More control would be great
- Develop the families a bit more
- Mass families for users?



Contact Matterlab

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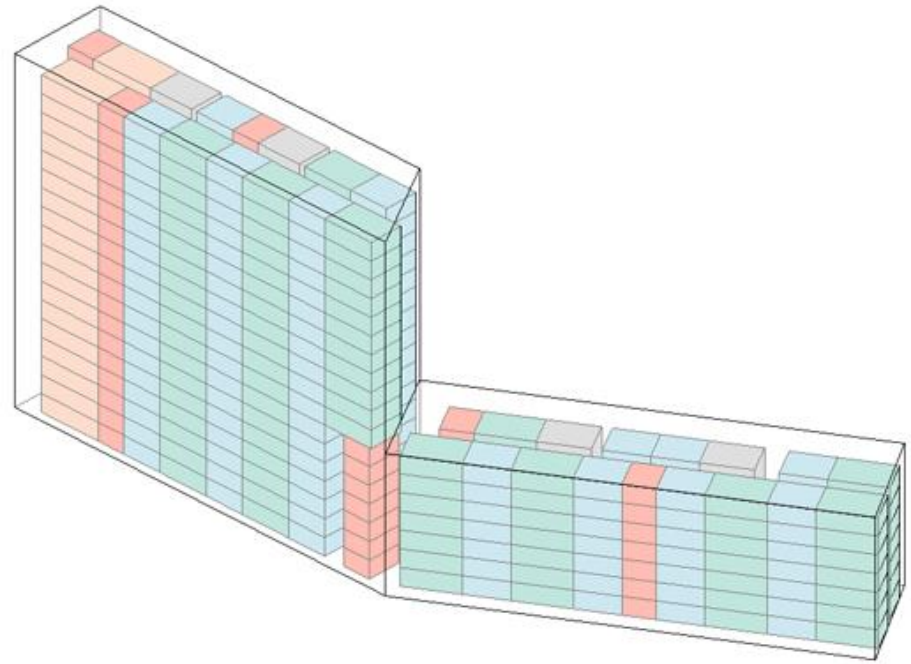
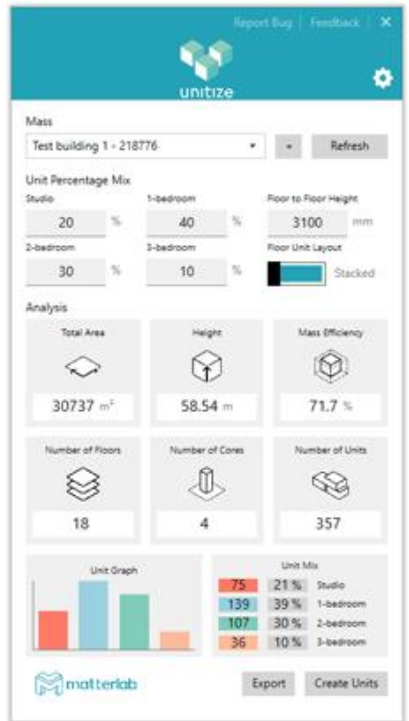
Presentation

https://github.com/aussieBIMguru





Unitize

Revit Add-in Demo