

4th CitA BIM Gathering 26th September 2019, Galway, Ireland.



## [Keynote Speaker]



IM GATHERING 201

### PADDY RYAN CEO, GagaMuller

Back to Basics... Digitally

> Galmont Hotel, Galway. 26th September www.bimgathering.je/register

GagaMuller Group





#### **OTHER INDUSTRIES**

#### Healthcare

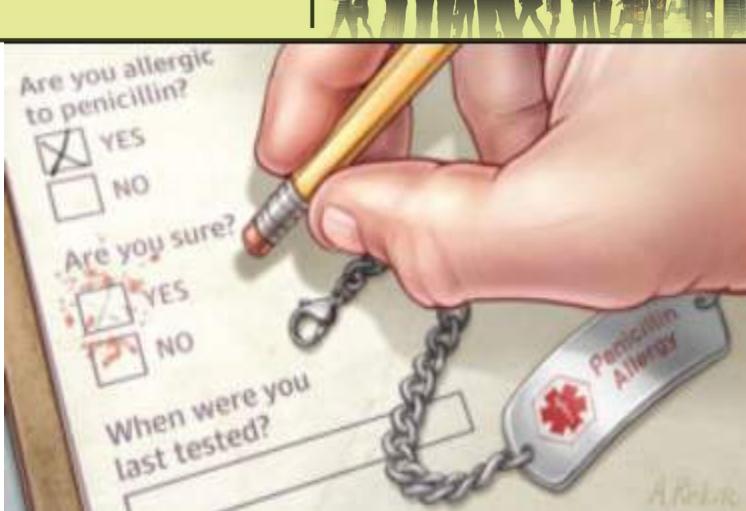
#### Problem:

- Non Digitalized Data
- Silos of information per hospital and practice
- No collaboration or sharing of information between practices

#### Solution:

- Centralized digital system for all information to be hosted
- All paper based checks to be digitalized and stored centrally

Does this look familiar?



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#### **OTHER INDUSTRIES**

#### **Digital Healthcare 2030 Plan**

Offering a more interactive GP and hospital experience which could see common use of:

- Sensors
- Cameras
- Robotic Scanning

The government have identified a plan to improve healthcare throughout the country by ensuring all citizens have:

Unique Healthcare Identifier (UHI) Electronic Health Record (EHR)

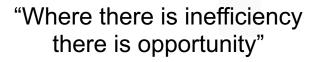
#### Promises & Acronyms Does this look familiar?







#### **OTHER INDUSTRIES**



(GagaMuller 2019)

**Does this Sound familiar?** 

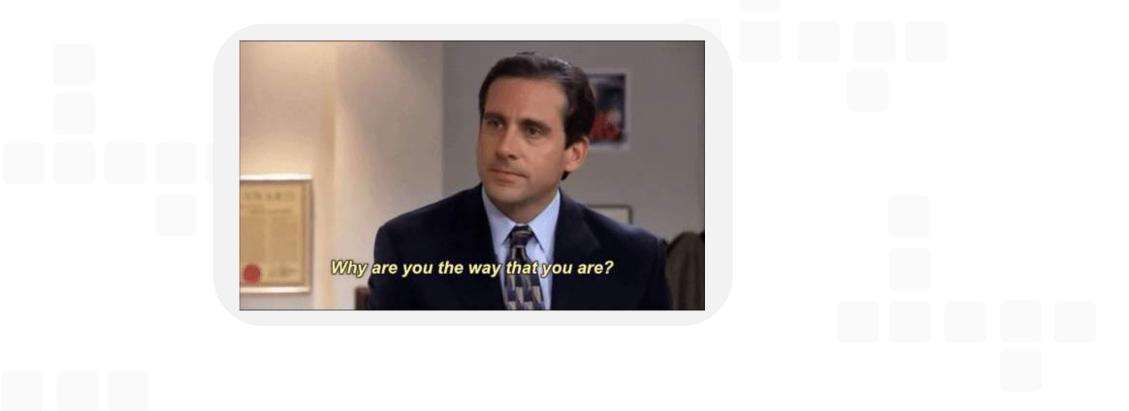


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#### LET'S REFLECT





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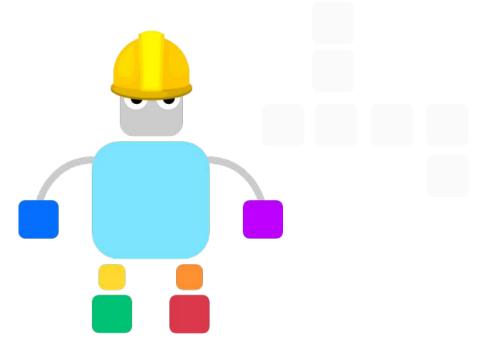
**BACK TO BASICS!** 



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#### ALAN IS BACK





This is Alan.

Alan works in the Construction Industry.

Alan is **NOT** allergic to Technology.

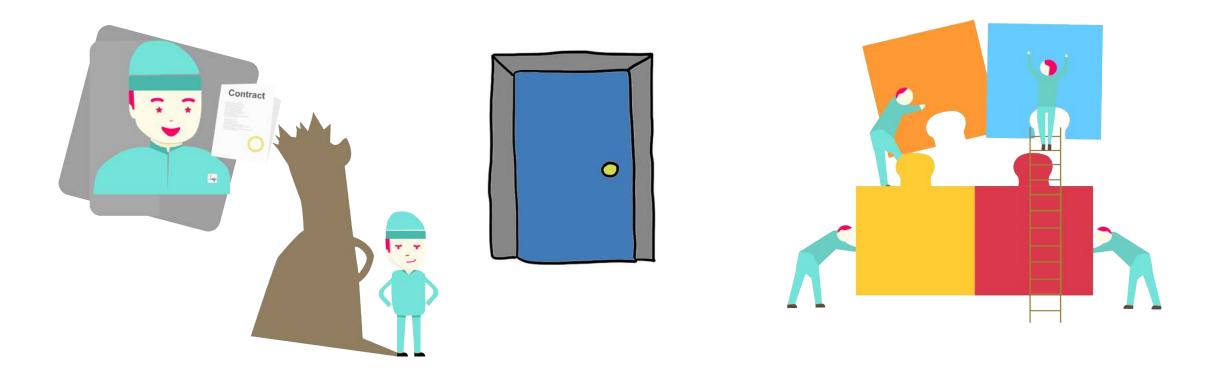
Be like Alan!

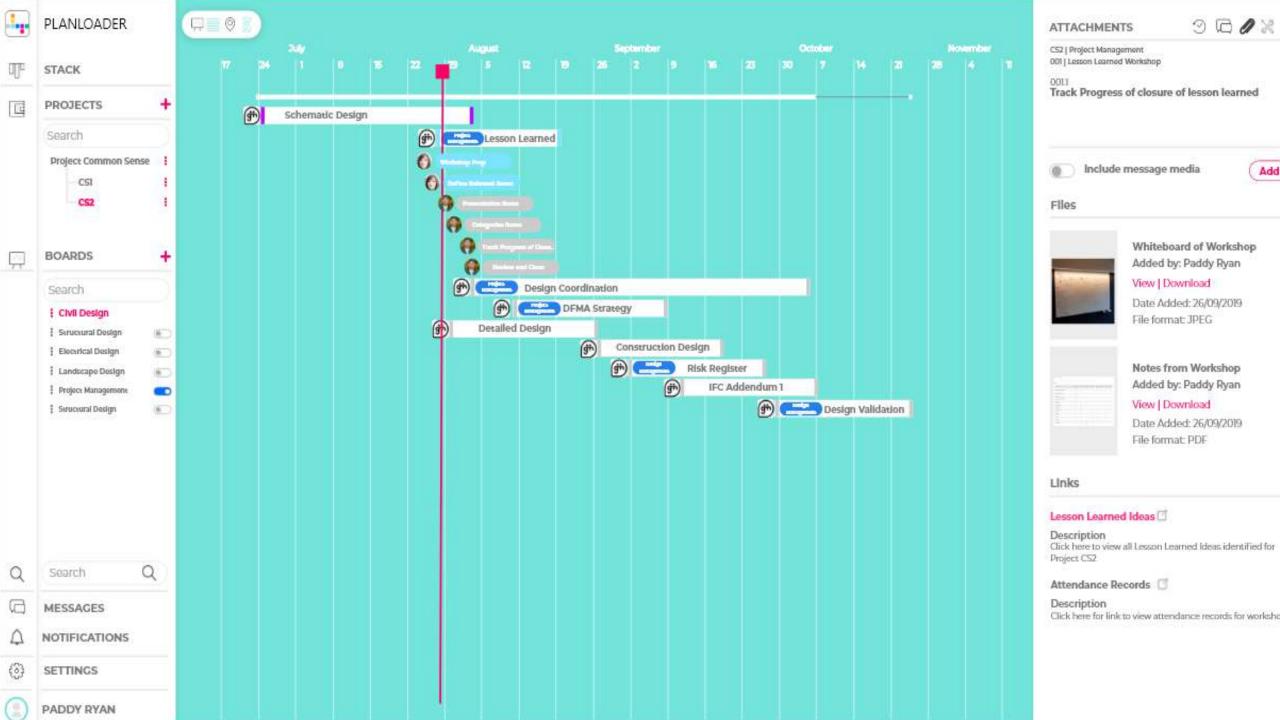
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#### LEAVE THE EGO AT THE DOOR



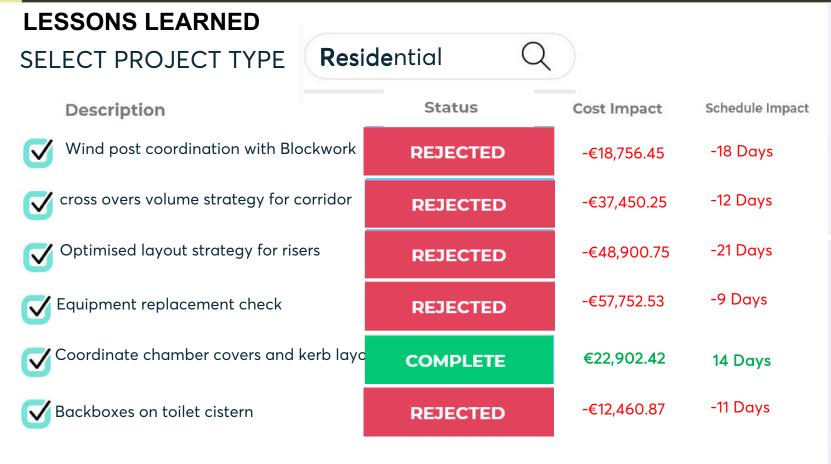


CitA	
<b>BIM GATHERING 2019</b>	

14 Days

€22,902.42 26%







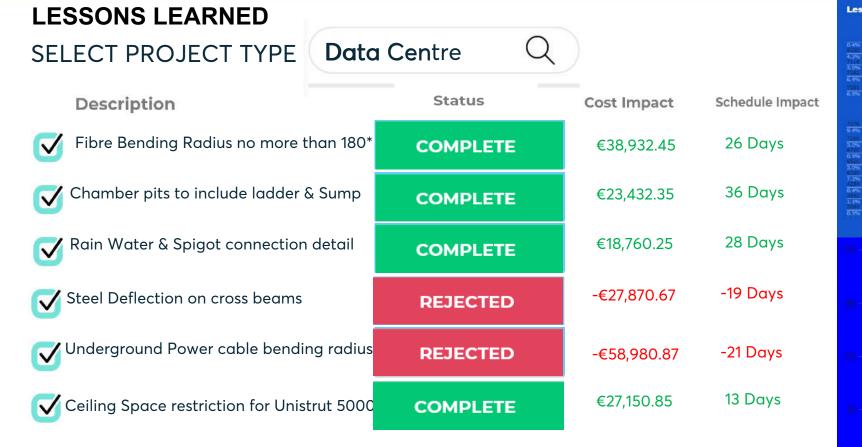


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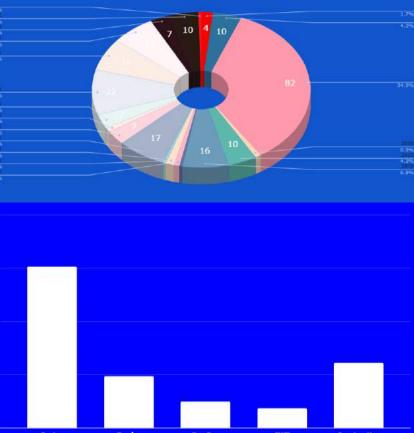
103 Days €108,275.09

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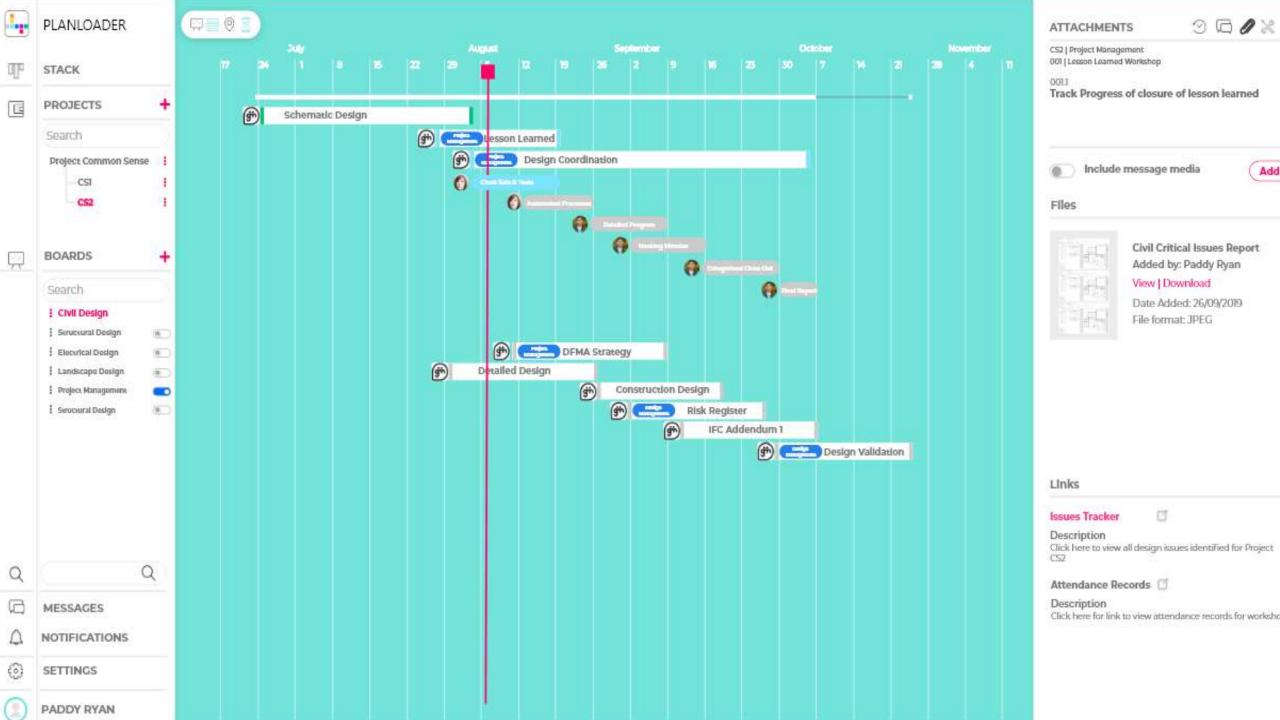


Lessons Learned by Package

39%



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clashing

90 Days

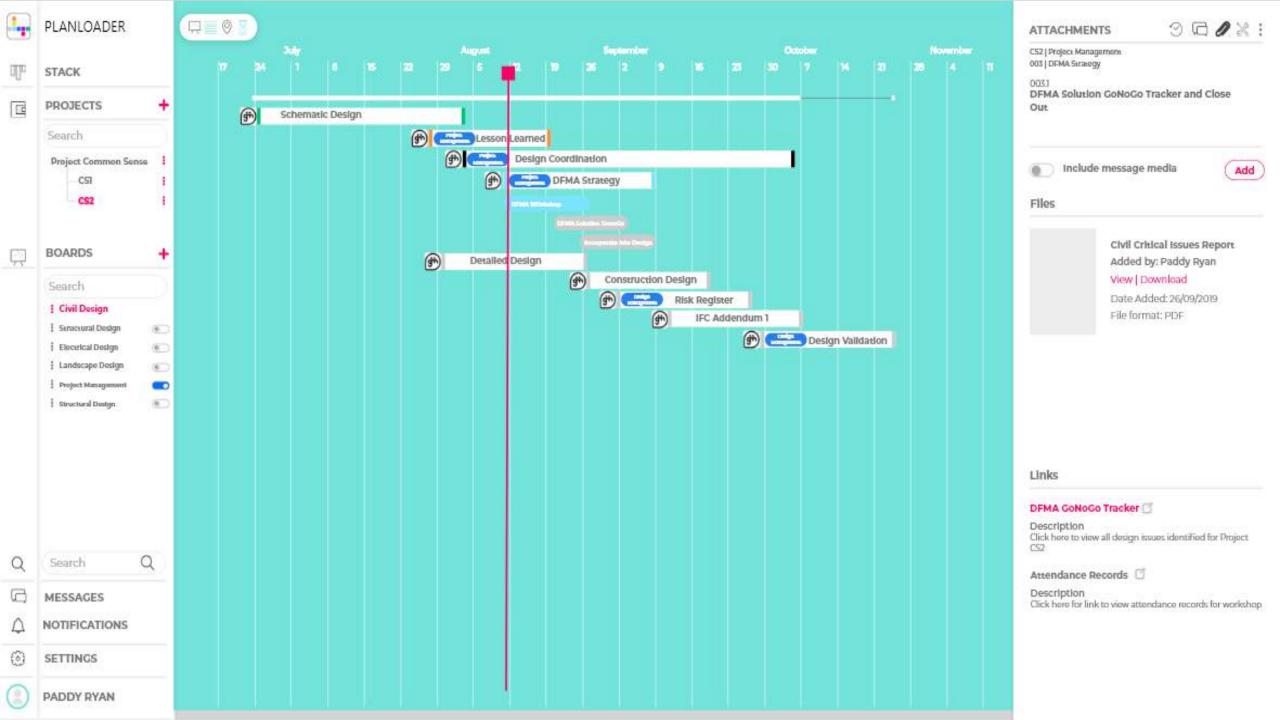
€486,115.05 43%

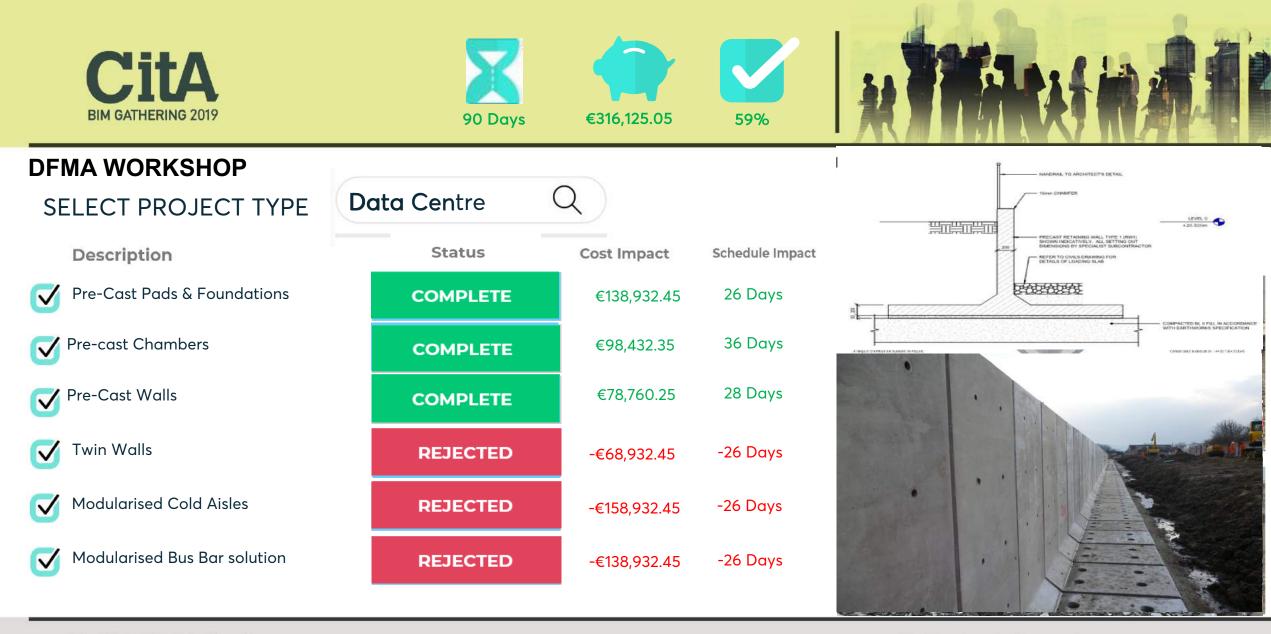
#### **DESIGN COORDINATION** Data Centre SELECT PROJECT TYPE Description Issues Status **Cost Impact** Schedule Impact Category 1 – Critical $\checkmark$ COMPLETE €348,932.45 66 Days 558 E.g Civil design incorrect Category 2 – Impacting 1358 16 Days €23,432.35 COMPLETE E.g Additional material required to resolve Category 3 - Non-5358 8 Days €3,760.25 $\checkmark$ COMPLETE Impacting E.g flexible services above ground

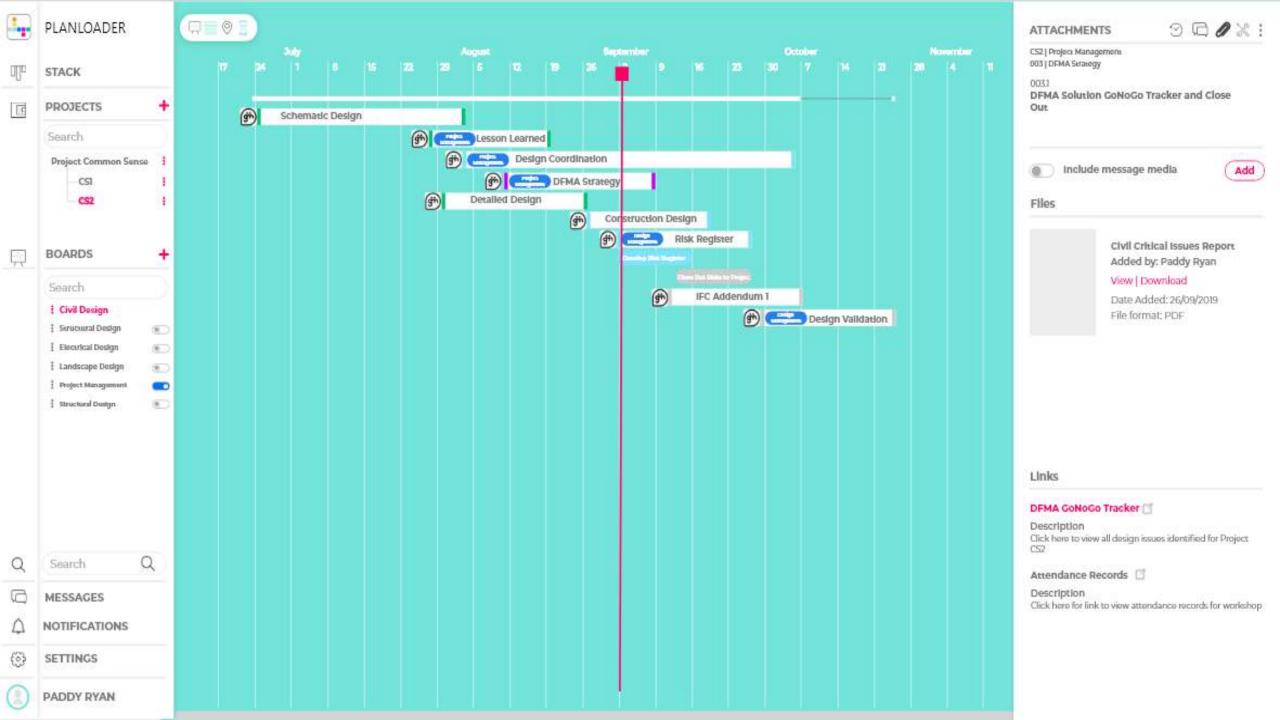
- Providing a handover report from Design to Construction
- Client see value returned through considerable reduction in Risk to project
- Reduces conflicts, and removes opinion and disputes on Design Health at handover to Construction.

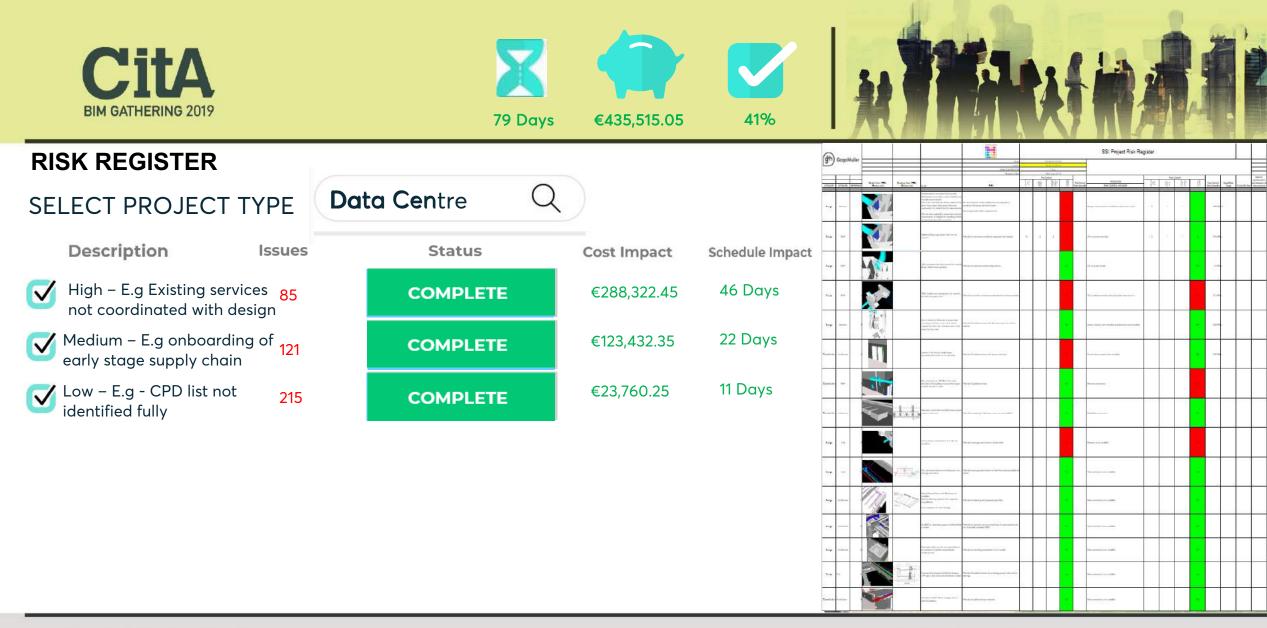




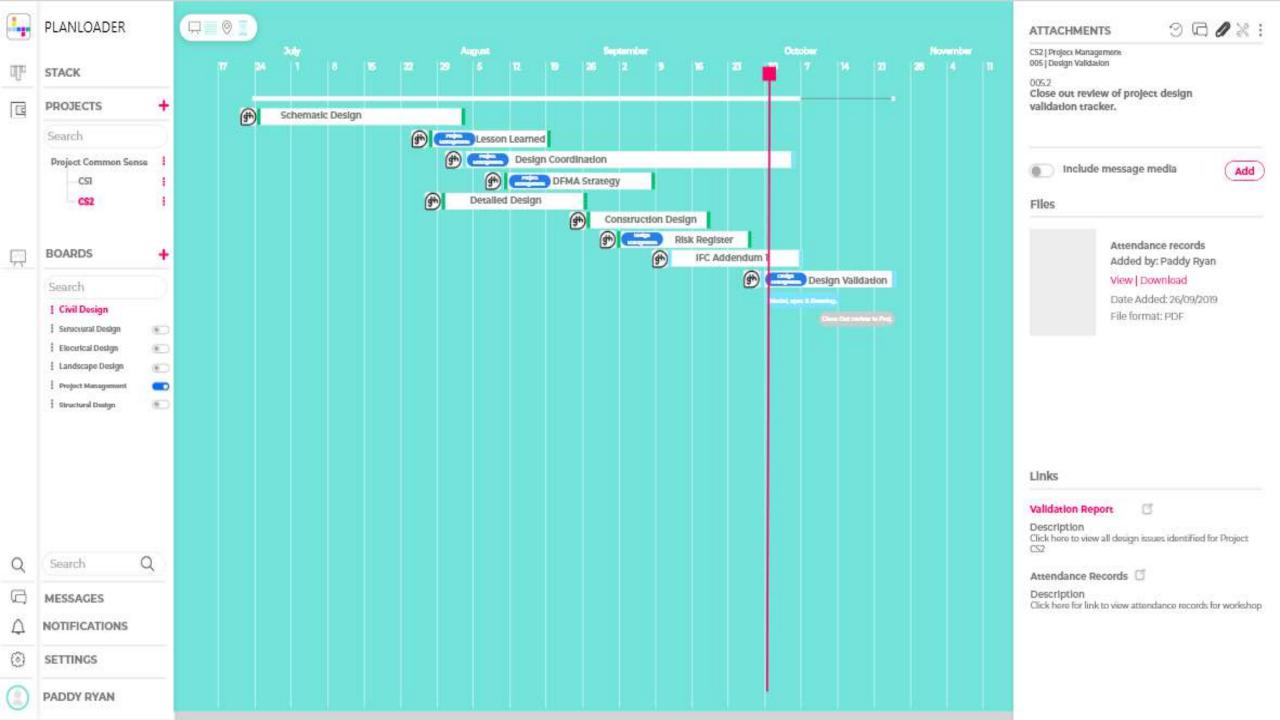






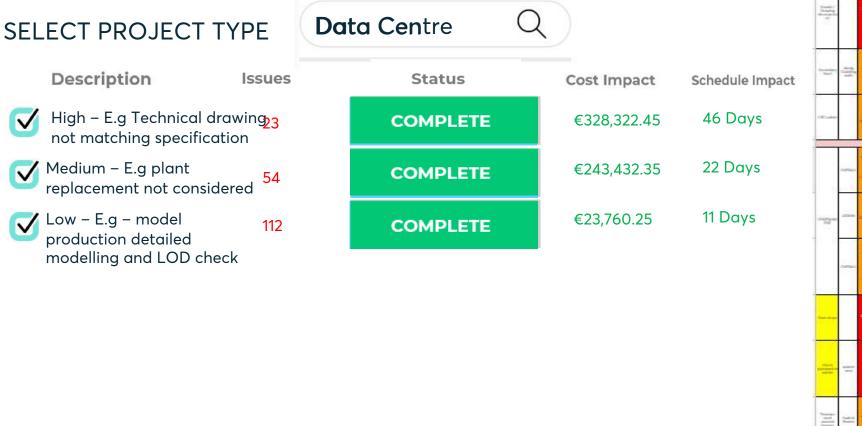


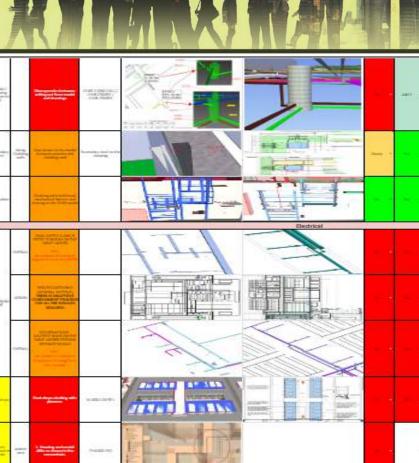
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#### **DESIGN VALIDATION**

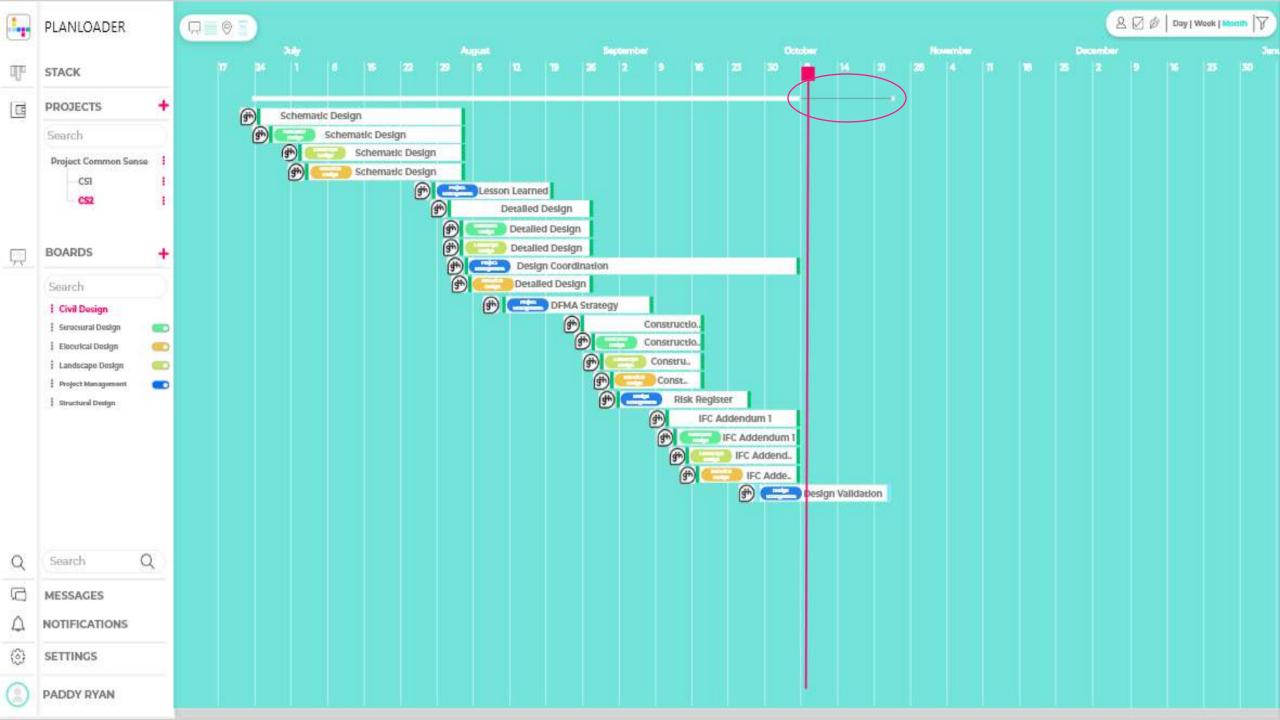




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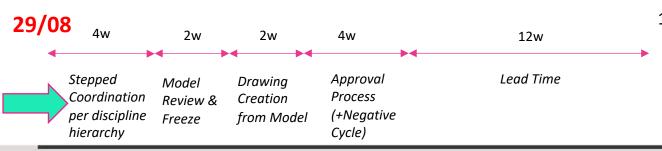




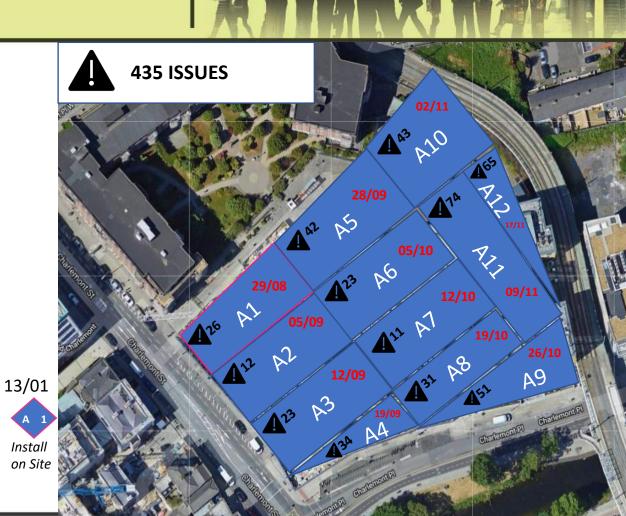


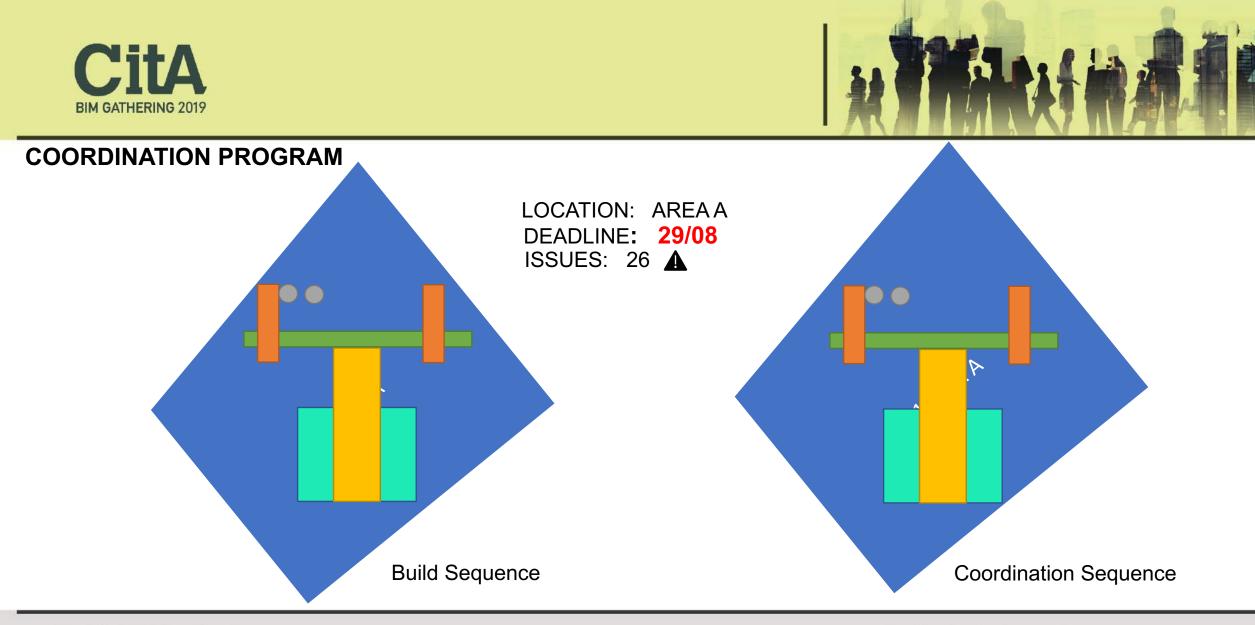
#### **COORDINATION PROGRAM**

- Identify the sequence of Build.
- Break model down in line with sequence of build.
- Develop a coordination program from construction program.
- Align Coordination program dates to areas in the model.
- Run Clashes per area and manage close out to dates (Automated).



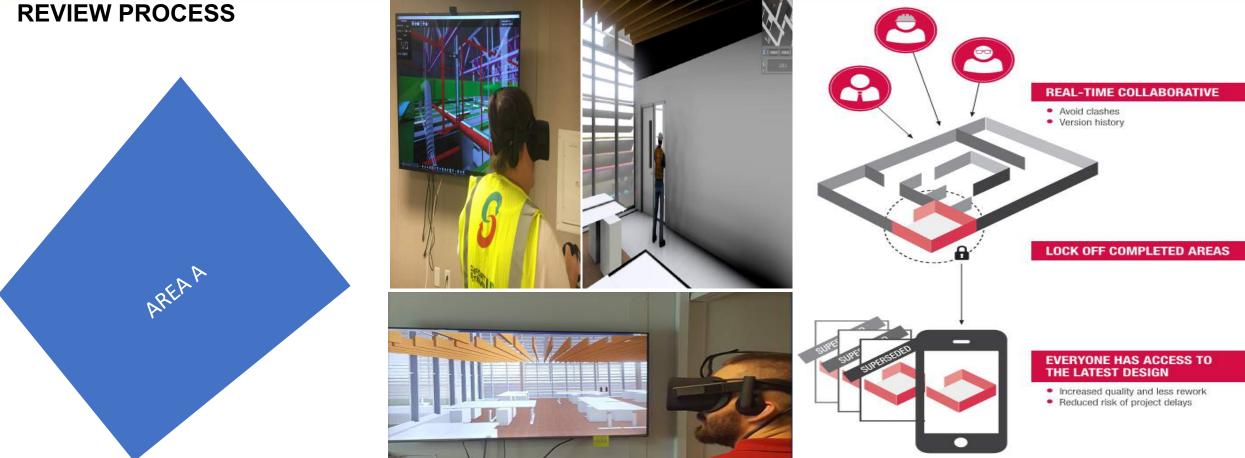
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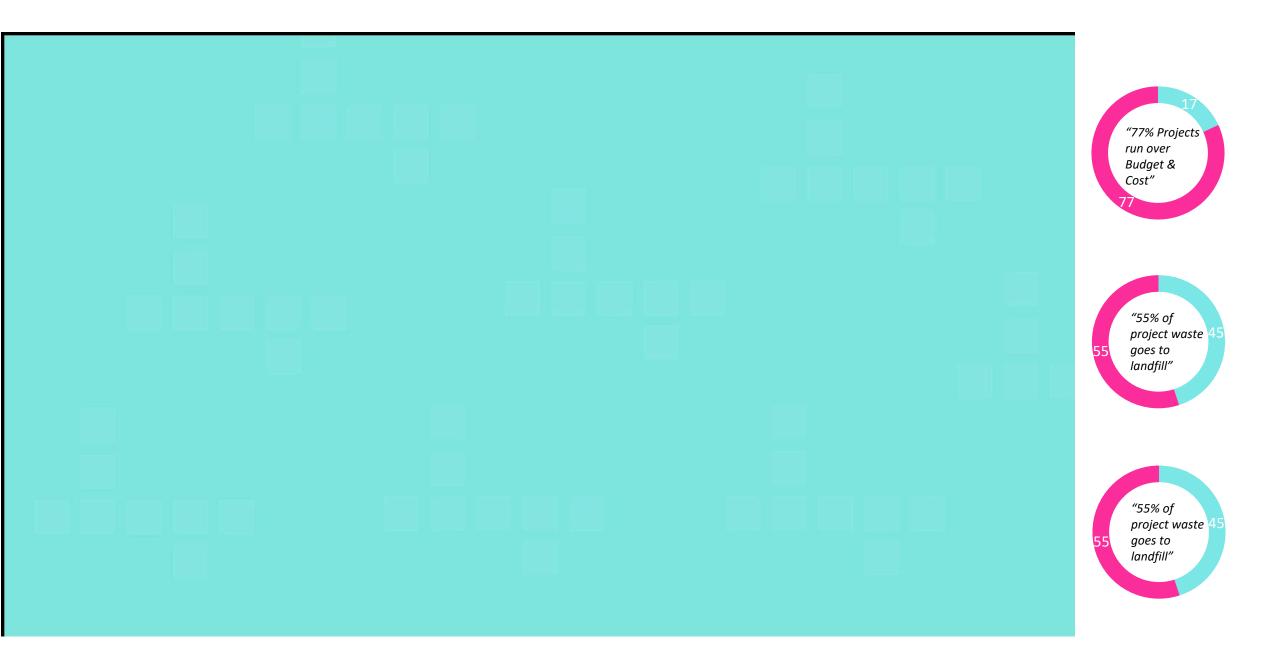
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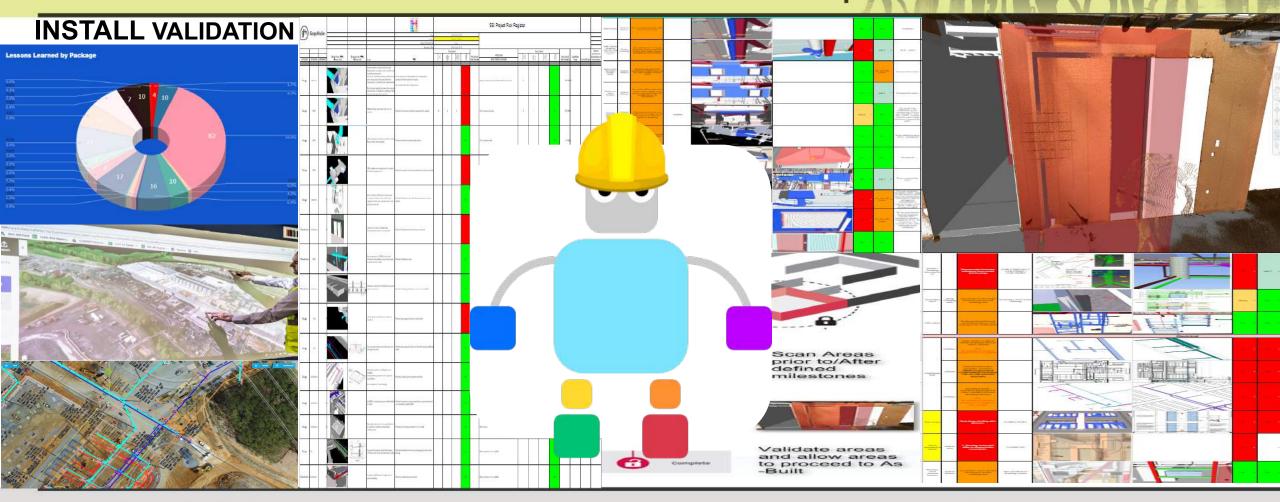
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**T-Shaped Structure** 



# Alan works for



