

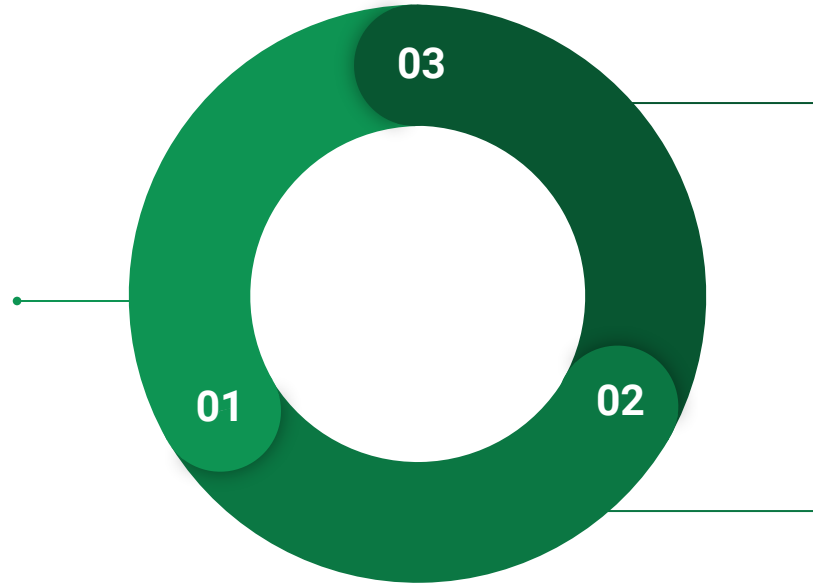


# ADEB - VBA : Digitalisation of Lean Process

TECHNICAL Board - 8th June 2021

# People Process Tools

**People**  
Process without  
people is paper and  
ink



## Process

People without a  
process is action  
without effectiveness

## Tools

Tools enhance efficiency  
BUT NOT effectiveness



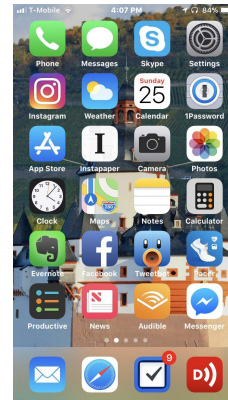
# Things are going faster



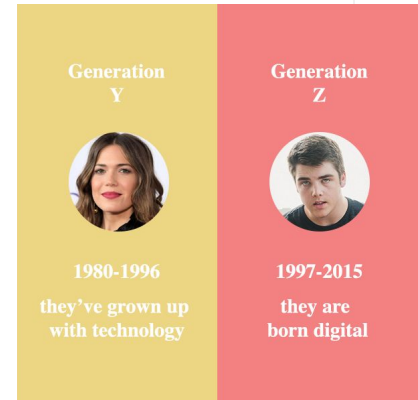
POST-COVID



Tablets and  
Smartphones  
adoption



Apps are part  
of daily life



War of talent is real -  
Almost 50% of your team  
grew up with tech

“Failure to properly **manage projects** or **project delays** may result in additional **costs** or **claims** and adversely affect profits and **cash flows.**”





A woman with tattoos and a black long-sleeved shirt is climbing a wooden obstacle course wall. She is smiling and looking down at her hands. The wall is made of dark, weathered wooden planks. The background is a cloudy sky.

What are the  
obstacles?

Score van  
favoriete voetbal  
team checken



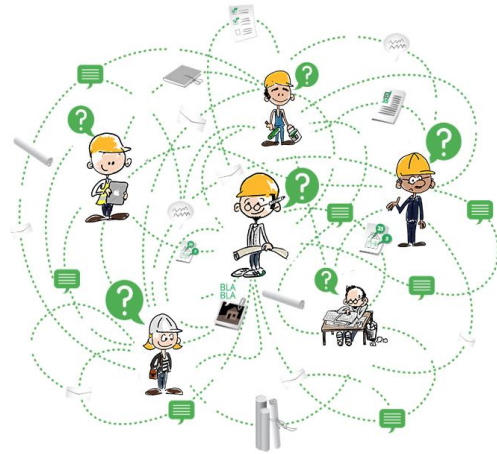
Cadeau voor vriendin op  
Bol.com bestellen en elke  
30 minuten opvolgen



150.000€ aan claims en  
project wijzigingen  
opvolgen op project



## Disconnected silo tools & information



## YESTERDAY

**No shareable, onsite “live” view of a construction project.**

Hard to see & collaborate on...

Where things are overall.

What tasks are progressing.

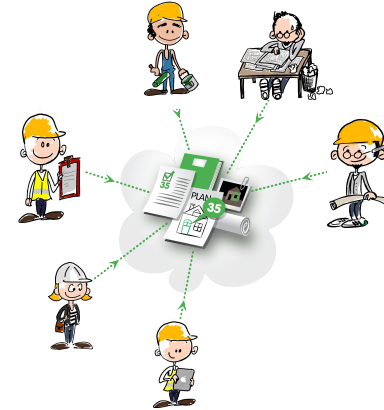
What's next.

What still needs to be done.

Who has ownership.

**VS.**

## Digital Collaboration



## TODAY

**See everything. Align everyone.**

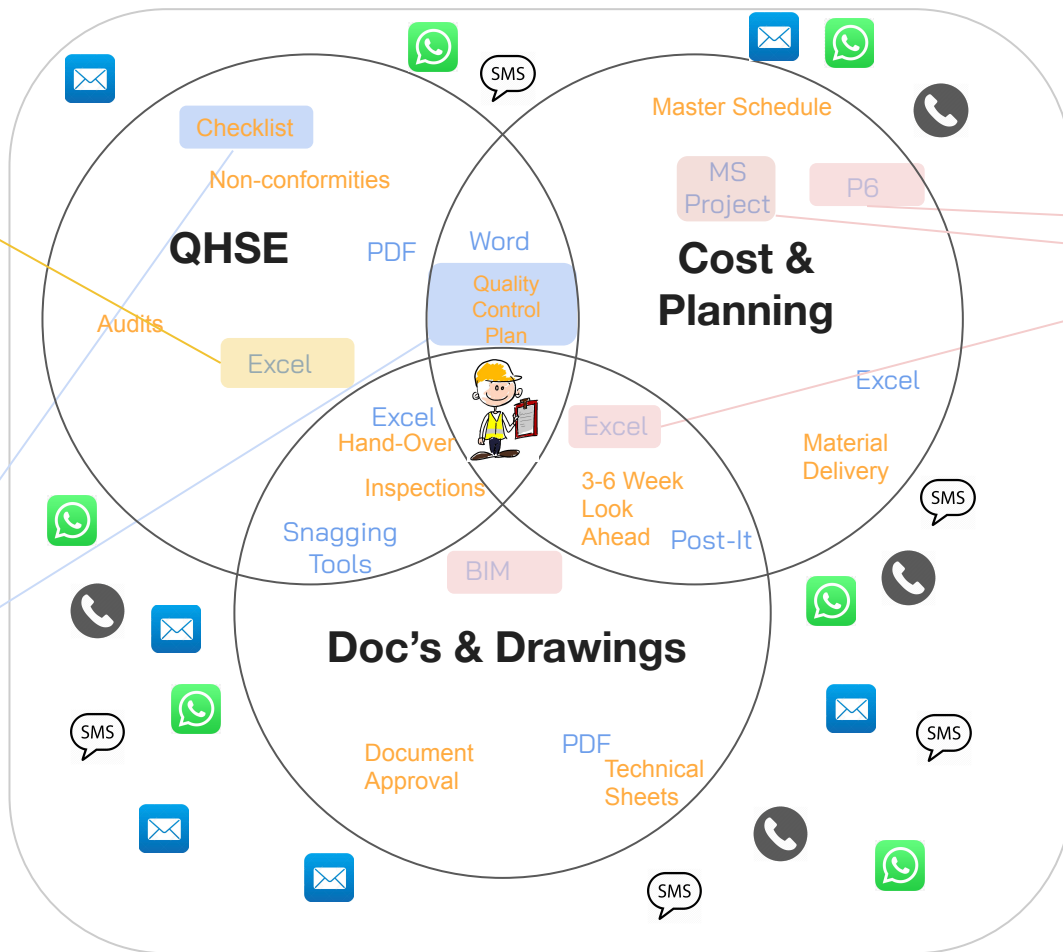
Know More. Built Better.

Complete onsite visibility, enabling you to improve your efficiency, teamwork, decision-making and profitability. Because when you see everything, you build better.

# Projects are run with tools not made for construction

8th of June 2021

Not Construction Specific context



Not linked to Schedule

Not Real-Time

Your **current tools** are creating **silos of information** because they were **not created for construction** and therefore generating hidden costs.



Level 1 -  
Individual task view



Level 2 -  
Connected events view



Level 3 -  
Site / Project view



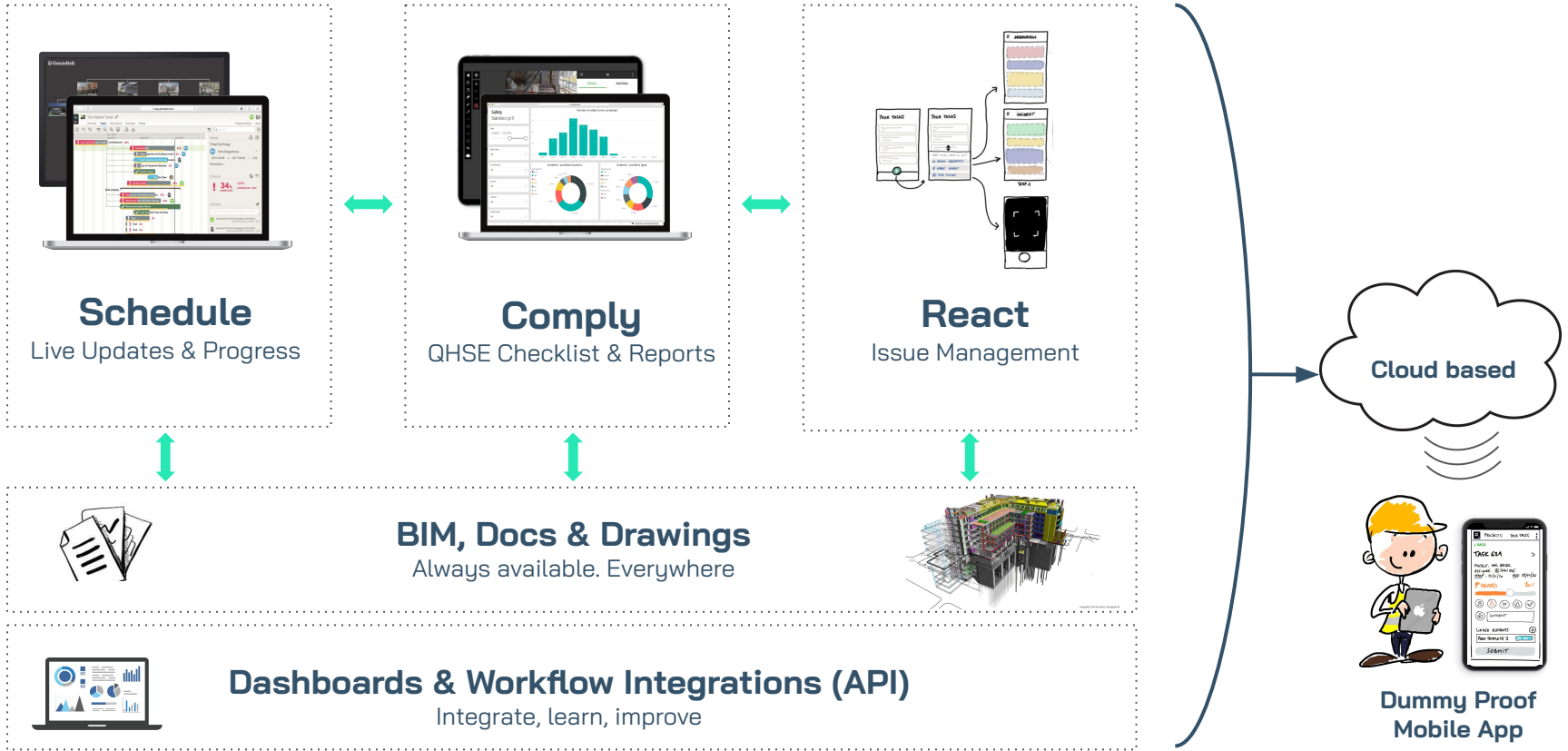
**In construction projects,  
visibility is everything.**

You need a clear and complete view of your onsite progress against your plan.

LetsBuild brings your project to life and gives you the whole picture.

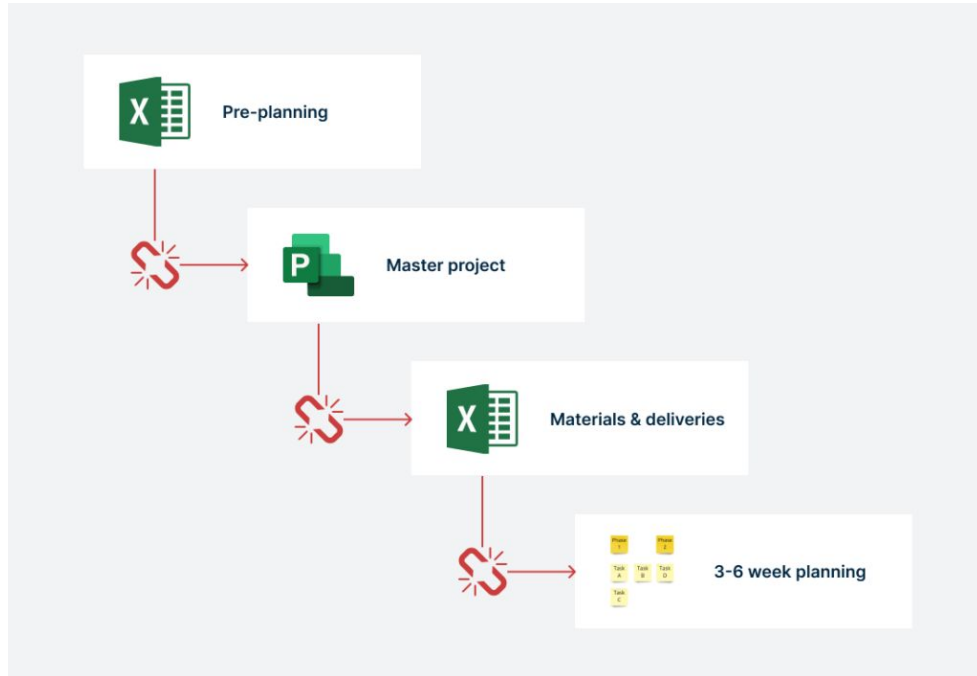


# LetsBuild modules for integrated on-site project delivery

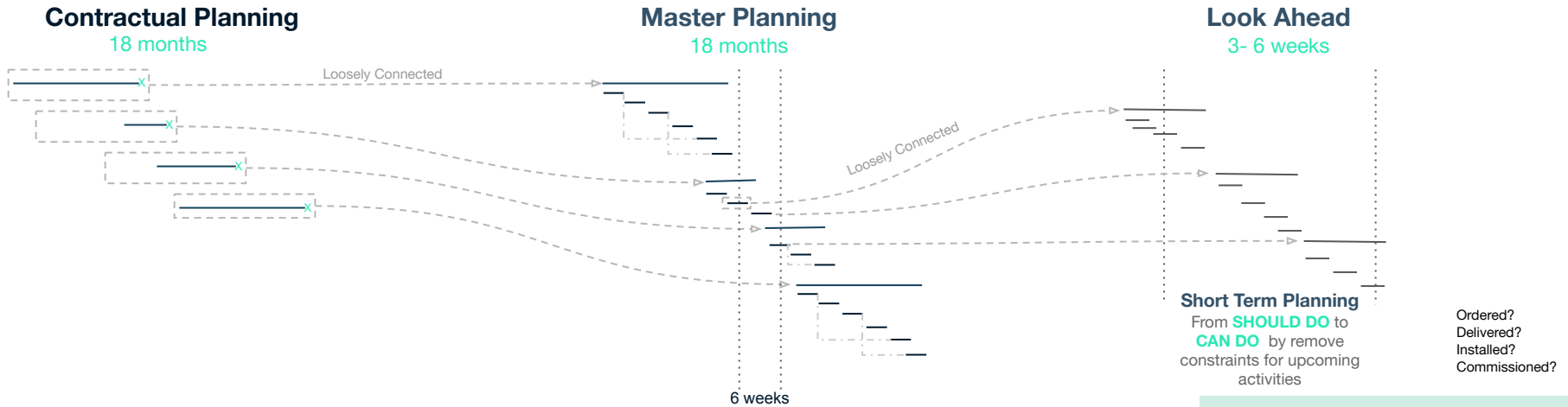




# On project, multiple disconnected schedules



# Level setting: Different levels of Planning



### Weekly Planning

	M	T	W	T	F
Trade 1	Blue	Blue	Blue	Blue	
Trade 2	Yellow	Yellow	Yellow	Yellow	
Trade 3	Green	Green	Green	Green	
Trade 4	Red	Red	Red	Red	

# Let's Break it down a little more

## Top-Down approach

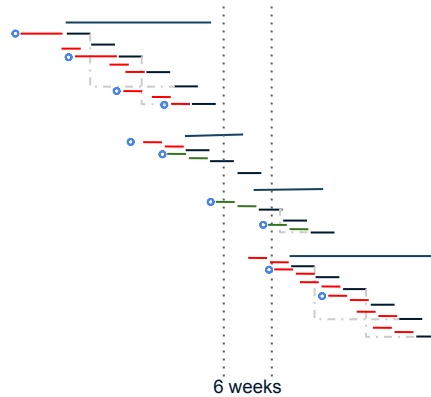
### Contractual Planning

18 months



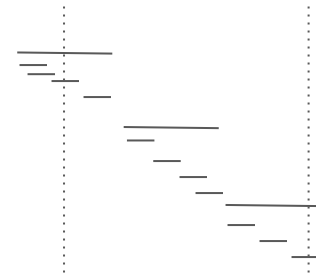
### Master Planning

18 months



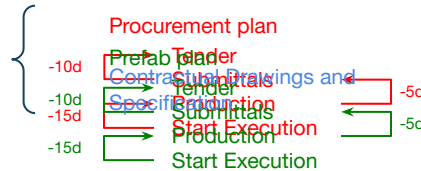
### Look Ahead

3- 6 weeks



### 80-20

This is almost the same on all projects of a company. For example ordering windows at Master Schedule level it is 14 weeks





# But reality is different..

All in different tools that are not connected

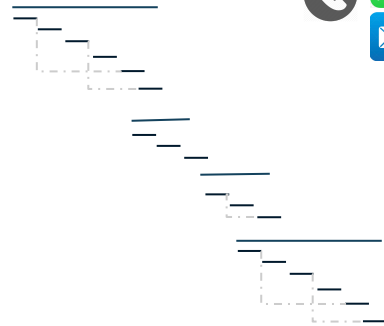
## TODAY

### Disconnected Schedule

Master Plan



Disconnected



## TOMORROW

### Integrated Planning

**Disconnected** and followed out of **different Excel sheets.**

Makes it hard to see the impact of changes and have the overview if we are on track.

While different lean methods have daily huddles, in reality most of the communication quickly goes back to email, sms, what'sapp, calls

Design/ PLAN Planning .XLS

A screenshot of an Excel spreadsheet showing a detailed project plan with columns for dates, tasks, and resources.

Procurement Plan . XLS

A screenshot of an Excel spreadsheet showing a procurement plan with columns for item names, quantities, and dates.

Prefab Planning .XLS

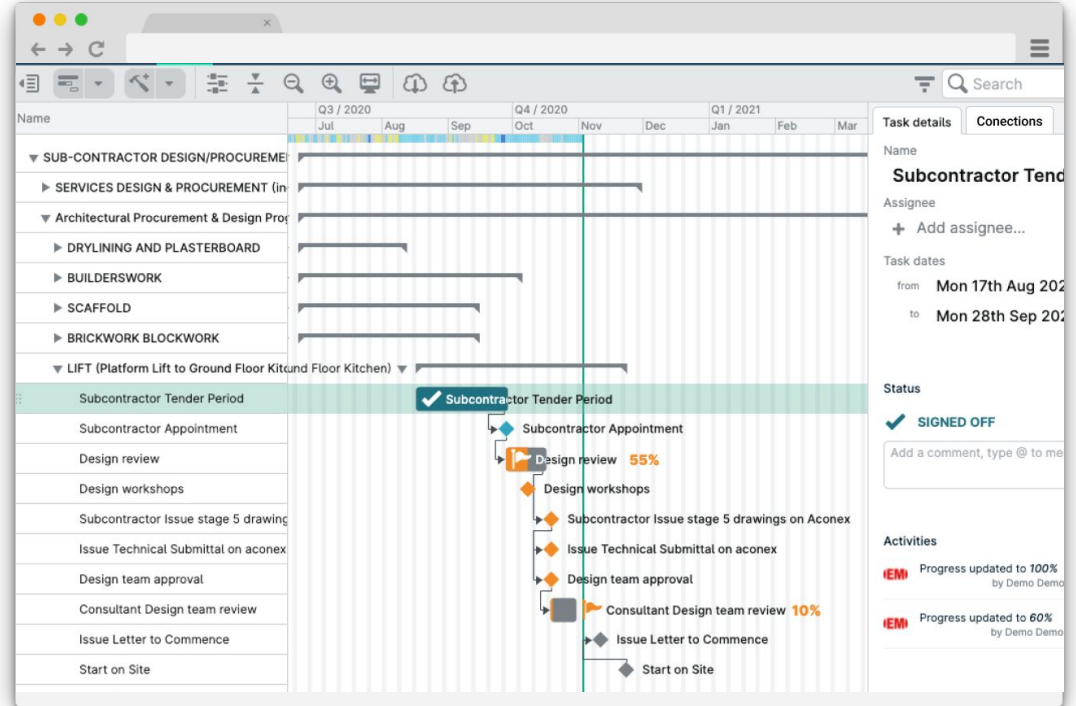
A screenshot of an Excel spreadsheet showing a prefabrication planning sheet with columns for task names, durations, and dependencies.



We Th Fr

# Connect your plannings together so you can easily see the impact of what is happening

- Link different plannings
  - Master
  - Procurement
  - Short Term
  - ...
- Have the overview across your plannings



# What's in it for you as a C-Level?

**“Know More. Build Better”**

**Always know where you are,  
Know what happened**

**Increase profitability  
Be more effective**

## 1. Improve Collaboration

Increase accountability  
Work more independently  
Make better decisions faster

**Focus on things  
that matter.**

## 2. Gain Control & Visibility

Identify the projects at risk faster  
Standardised QHSE processes

**See Everything.  
Align Everyone.**

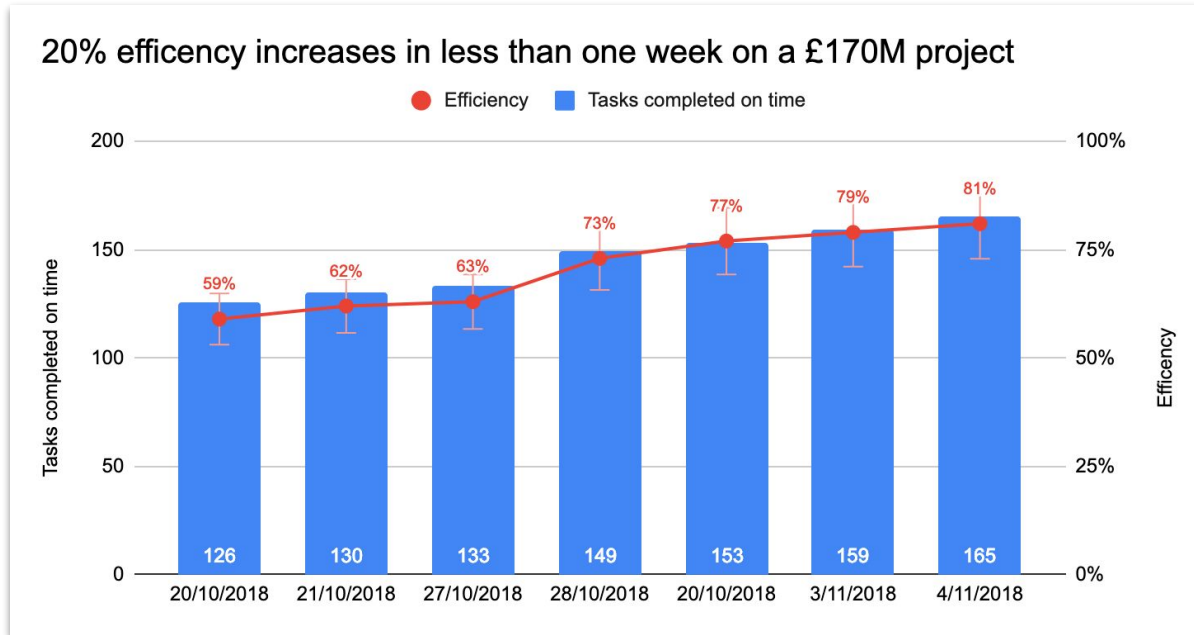
## 3. Protect Margins

Reduce delays, deliver sooner  
Decrease operational costs  
Protect against claims

**Standardise & centralise  
documentation**

# VolkerWessels (UK)

“WhatsApp for Construction” for faster decision making, less delays & better protection against commercial claims.





# Slide that Matt used to convince his management to rollout across all projects



*Project Managers need to be able to connected their team at all times, real-time*

## Why Do We Need It.....

- Accuracy of progress capture
- Effort to capture progress
- Communication of issues/progress
- Records
- Speed of decisions
- Time wasted by decision makers on capturing data rather than analysing
- No Coordinated approach
- Will become much harder to control and manage on bigger projects / as a bigger business

# Why centralise planning in the cloud?

Improves or resolves three key areas:

1

Project Records

2

Accountability for  
Programme Tasks

3

Visibility of progress  
and issues/problems

With a reasonably well implemented LetsBuild have shown:

Easy to defend /dispute  
claims leading to significant  
cost avoidance

Significantly increase  
speed of reaction to  
issues raised

Excellent visibility of  
progress and issues  
significantly reducing  
challenge of communication

## Project Manager Feedback - Progress

*“£97k claim defended in one meeting using information from LetsBuild at Barking Riverside” –*

*“This is exactly what we need to have records easily accessible to deal with changes” – Nigel Gibbs  
Commercial Director*

*“LetsBuild has transformed our project – no exaggeration! - The engineering staff and works manager have embraced it from day one and the commercial team are loving all the information flow around the tasks, the immediate alerts when things go wrong and the filters that they can apply to gain quick reports.” – Pat Kelly PM*

*“Anything that gets people closer to the programme gets my vote” – Mark Williamson  
Head of Planning - Civils*

## Next steps

- Q3 - Workgroup in co-create digital lean: ADEB-VBA - Improof Constructions - LetsBuild
  - For LetsBuild international initiative including Morgan Sindall, VolkerWessels UK, Eurovia,
- Q3 - Q4 2021 -Project Managers, Project Directors and Foreman webinars/workshop