Find out more here:



4-6 October, Nationals Park, Washington DC



Let's Digitize to Decarbonize

Alex Jones Rapid-DCS



## Introducing RapidDCS & Sterling



#### **RAPID DCS**

#### **CONSULTANTS**

**DIGITAL TRANSITION EXPERTS** 

Helping companies invest & benefit from digital progress in the built environment sector

#### **STERLING**

#### SOLUTION

SALES & SERVICES

The next generation webbased all-in-one sustainable estimating solution Helping carbon conscious professionals to **PROVE & IMPROVE** their carbon footprint.

#### Means..

- Transparency
- Granularity
- Accountability
- Usability

# German officials raid Deutsche Bank's DWS over 'greenwashing' claims

Reuters



# CONSTRUCTION MANAGEMENT Brought to you by CIOB



NEWS JOBS CPD MORE  $\equiv$ 

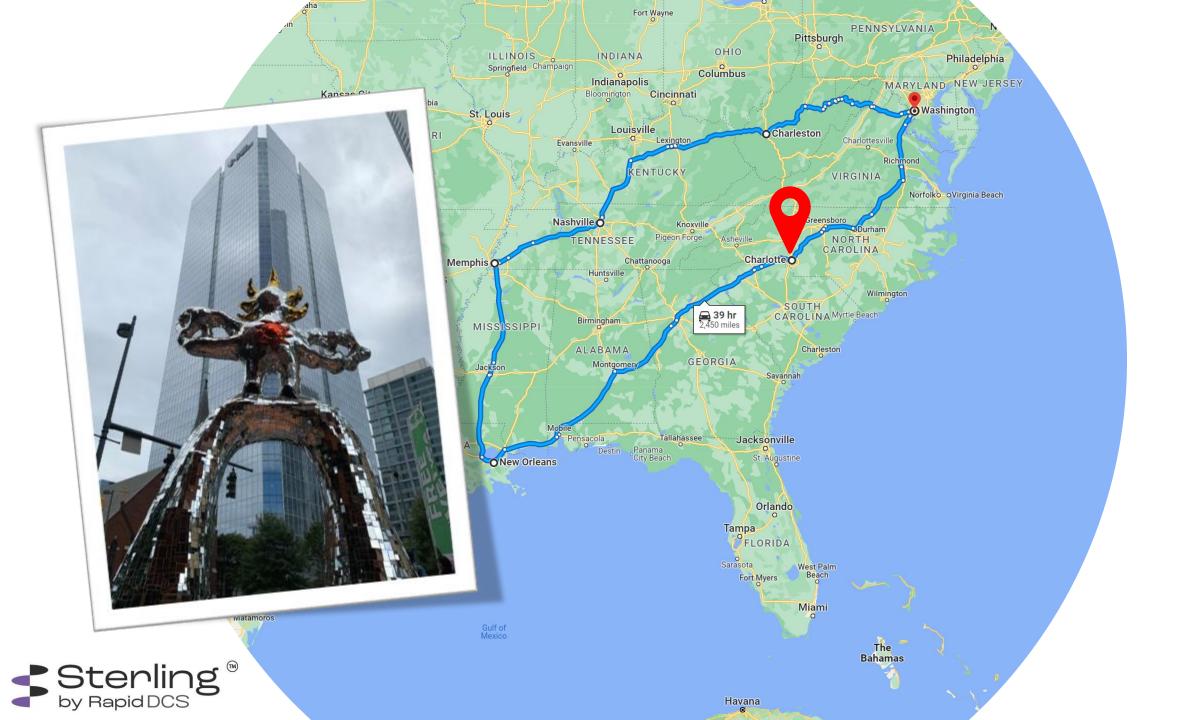
News

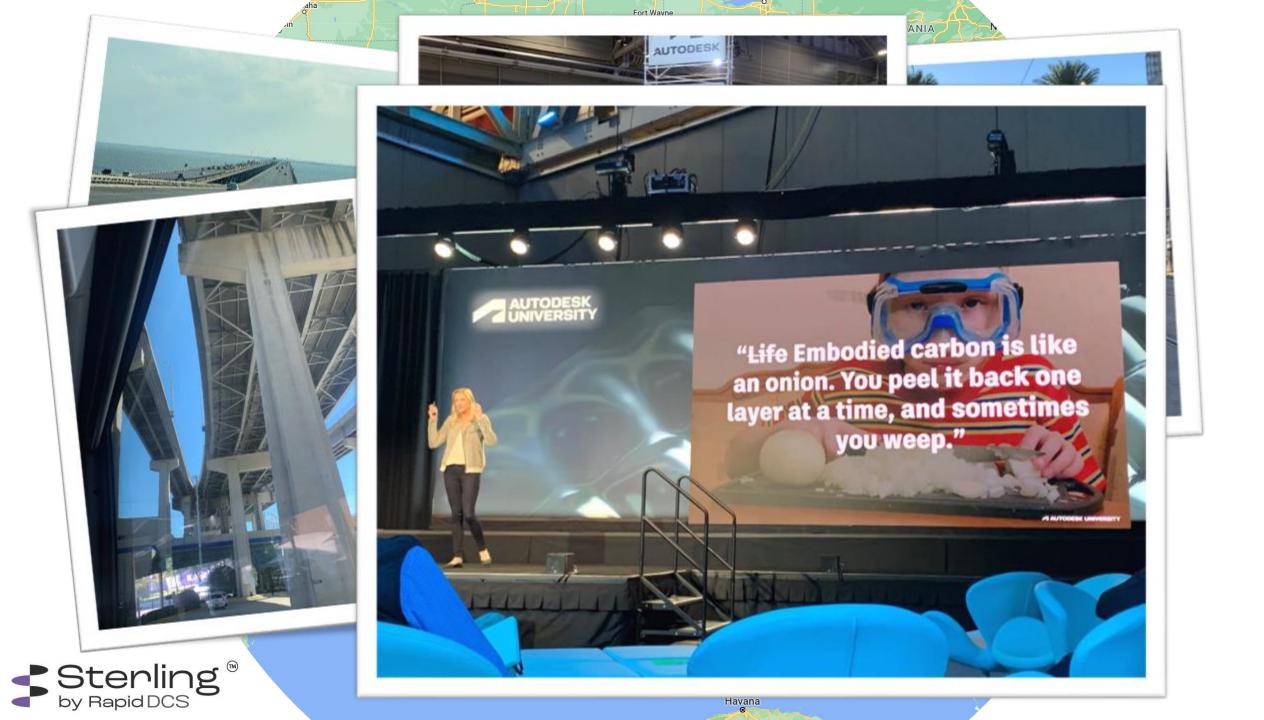
#### **BAM** speeds up carbon reduction targets

CM Staff 03.10.22

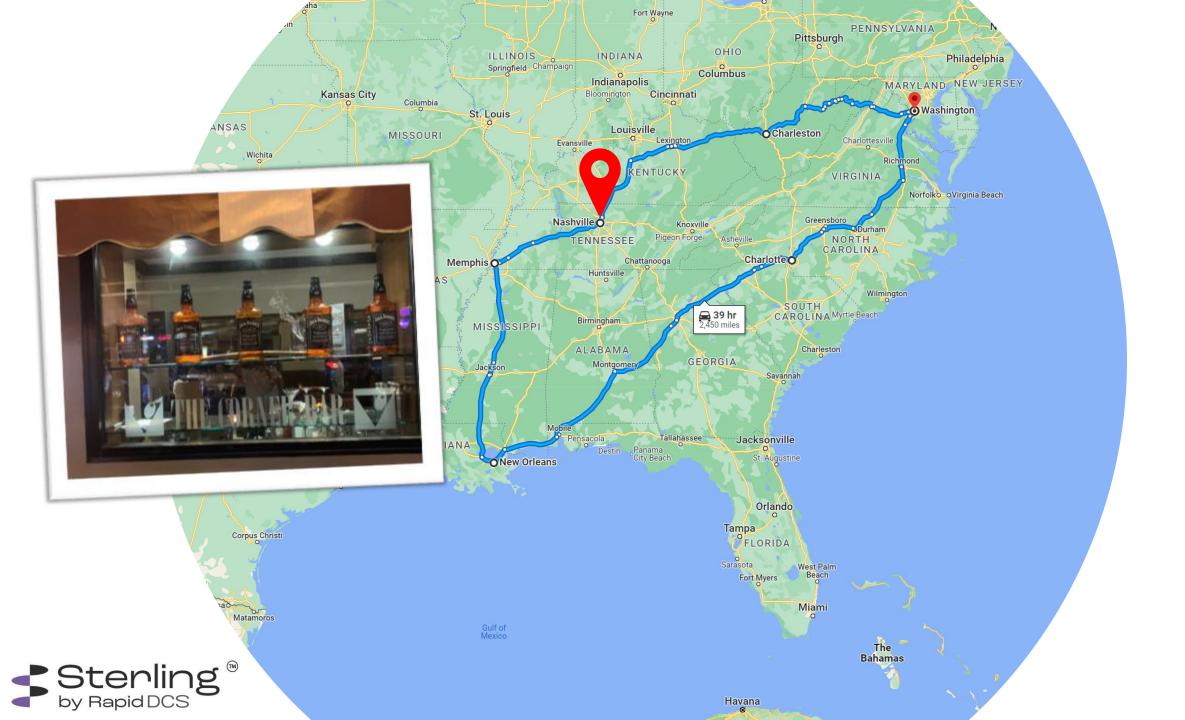
"There is no room for, or advantage in disguising or hiding performance. Vague data is useless, so science based, transparent information and a healthy dose of honesty are part of the medicine.

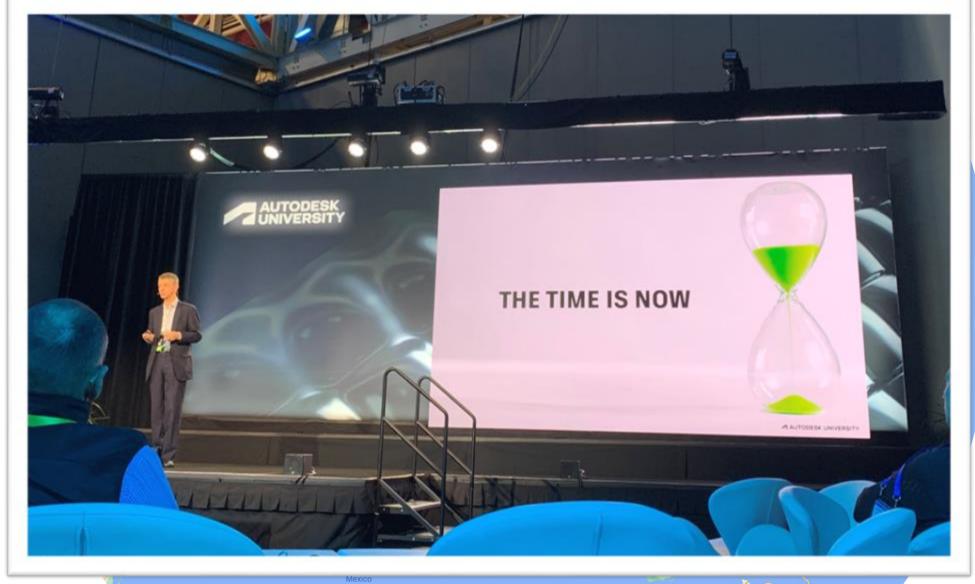










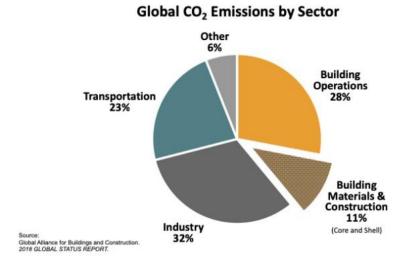




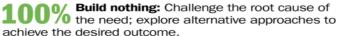


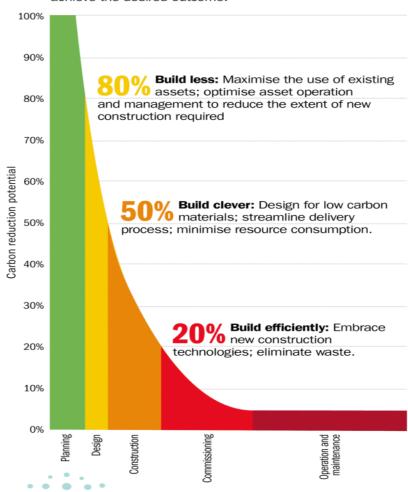


## Buildings generate nearly 40% of annual global GHG emissions.

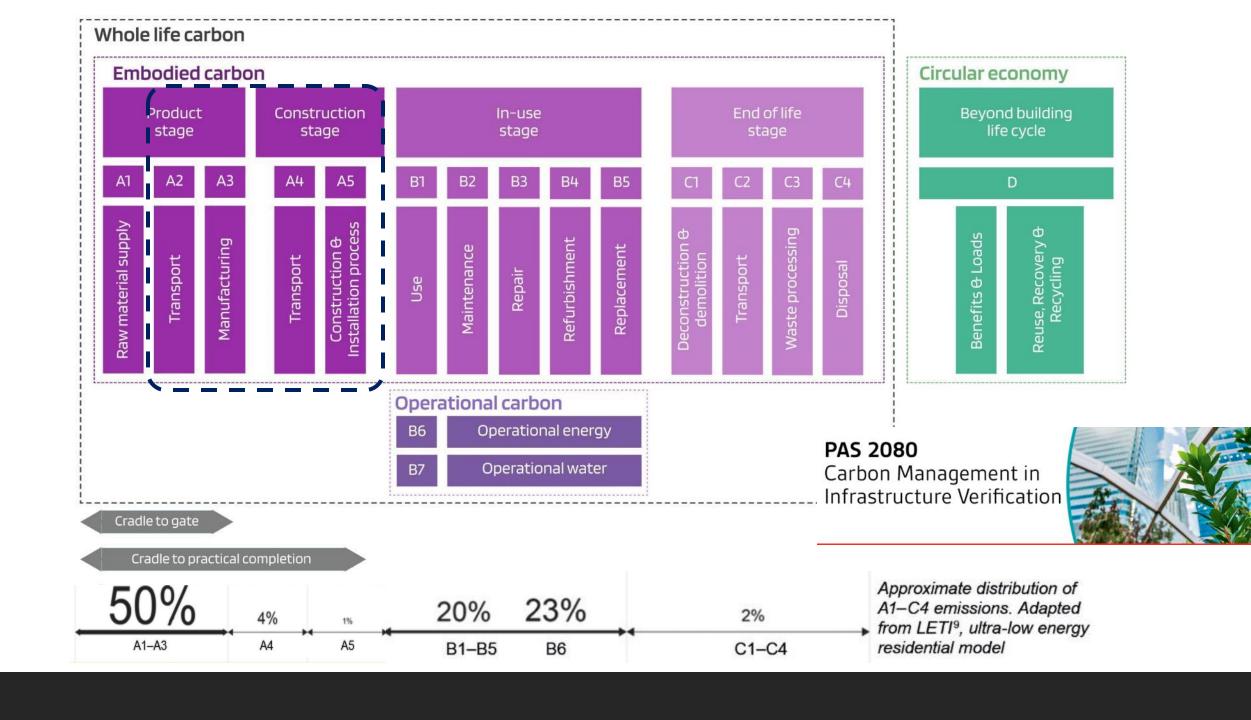


## How are you dealing with Carbon?





# Sustainable Estimating



## **Setting Carbon Targets - Let's Peel That Onion**

- Corporate
- Scope 1,2,3
- Lifecycle Cost & Carbon
- Portfolio
- Project
- Asset
- Sub Assets / Components
- Line Items
- Activities
- Resources
- Unit Rates (£\$, CO2e)
- o **EPDs**

- Auditing & Project Controls
  - Applications for payment
    - Application for Carbon
  - Out turn Cost & Carbon
    - EVA & ECA
    - Lessons Learned



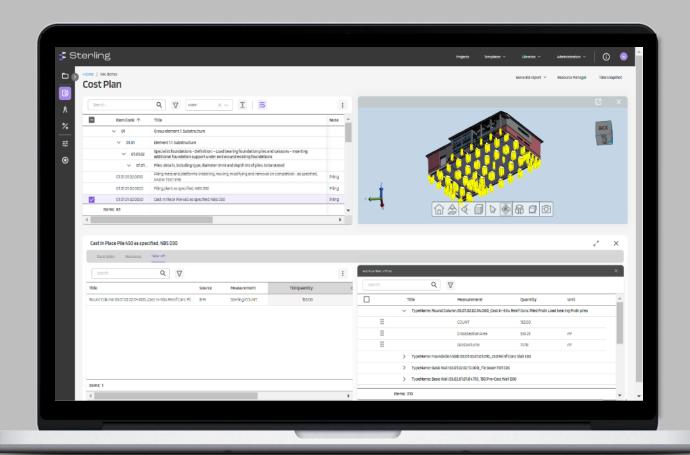
### The Challenge...

- This is placing new demands on estimators and delivery teams.
- Really testing/exposing the limits of aging toolsets.
- Leading to multiple siloed solutions to play the game..
  - ? Cost Planning
  - ? Resource Level Estimates
  - ? Portfolio Benchmarking
  - ? Multiple Libraries
  - ? Flexible Structures
  - ? Package Management
  - ? Bid Management
  - ? True Carbon Transparency
  - ? 2D Take Off
  - ? BIM & 3D Take Off
  - ? Open API
  - ? Secure Regional Hosting
  - ? Full SAAS
  - ? Data Ownership

So we decided to build Sterling...







# Cost | Carbon | Integrated

#### #PowerfullySimple

www.rapid-sterling.com

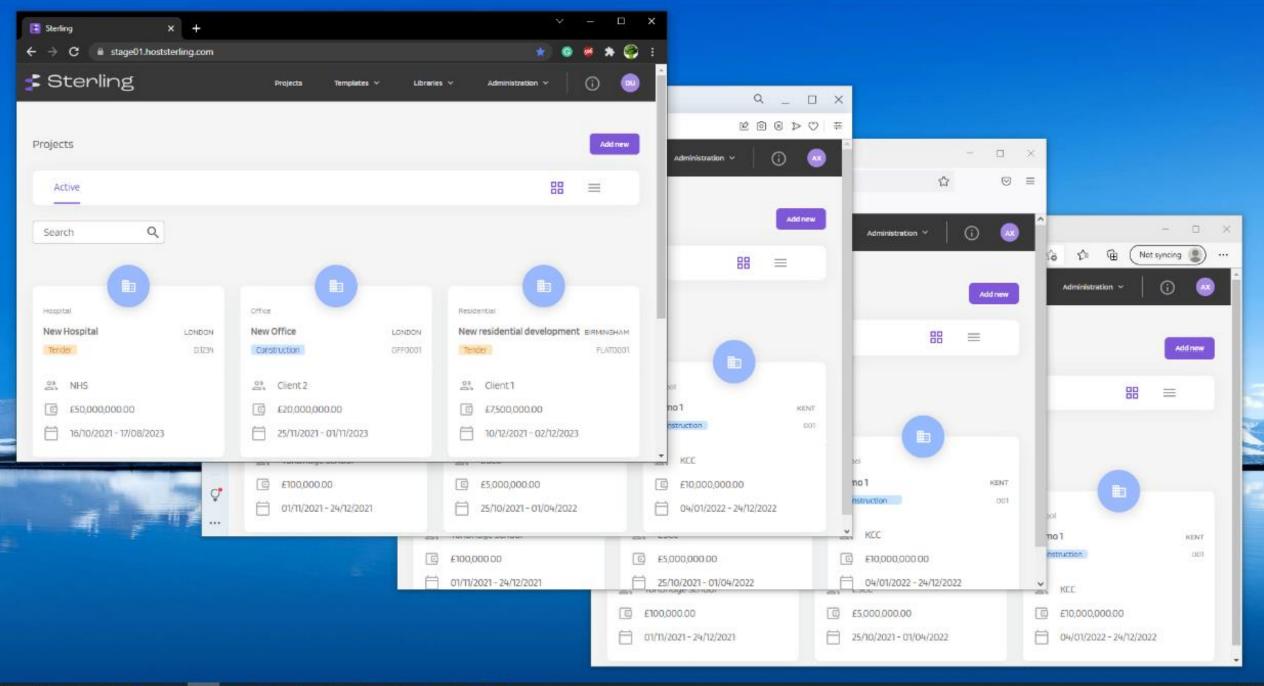


#### Sterling Principles - What we set out to achieve...

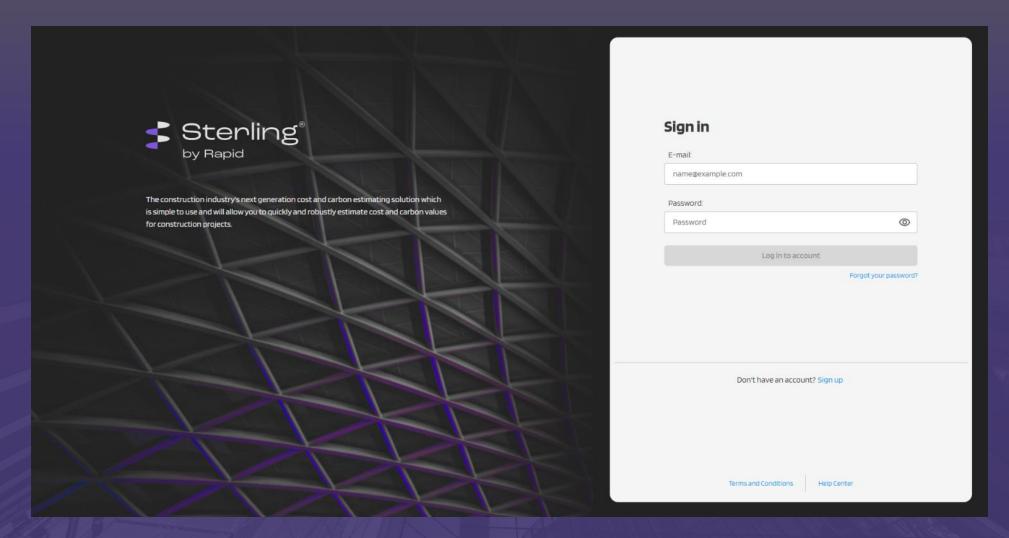
- A new estimating platform that is purpose built & practical to use
- That treats cost & carbon equally
- That is future proof AND traditional proof
- Has a clean and modern UI
- Purpose built on a modern technology stack
- Offers flexible reporting
- Plays nicely with others through API
- Safe & Secure Cloud Solution
- The data is yours







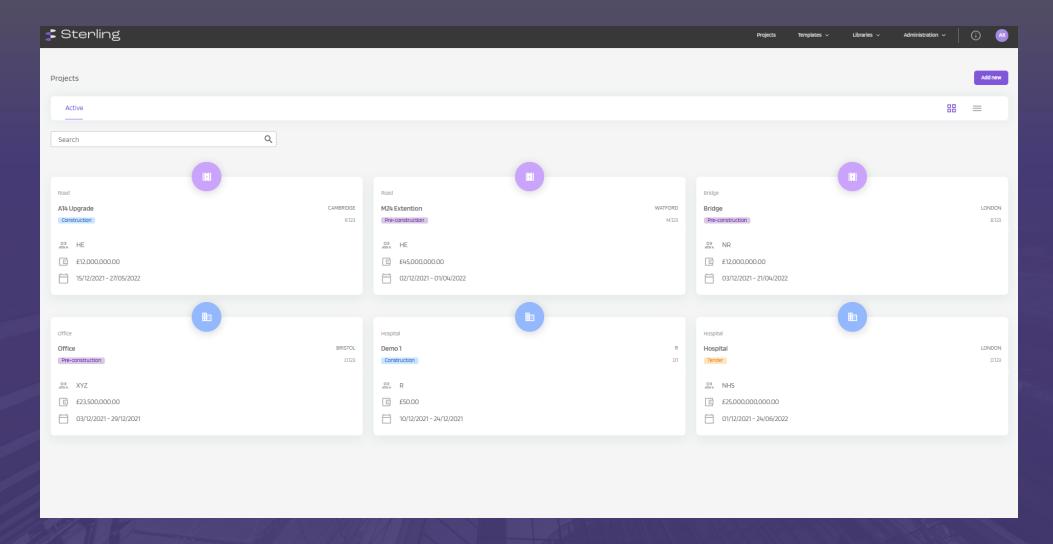








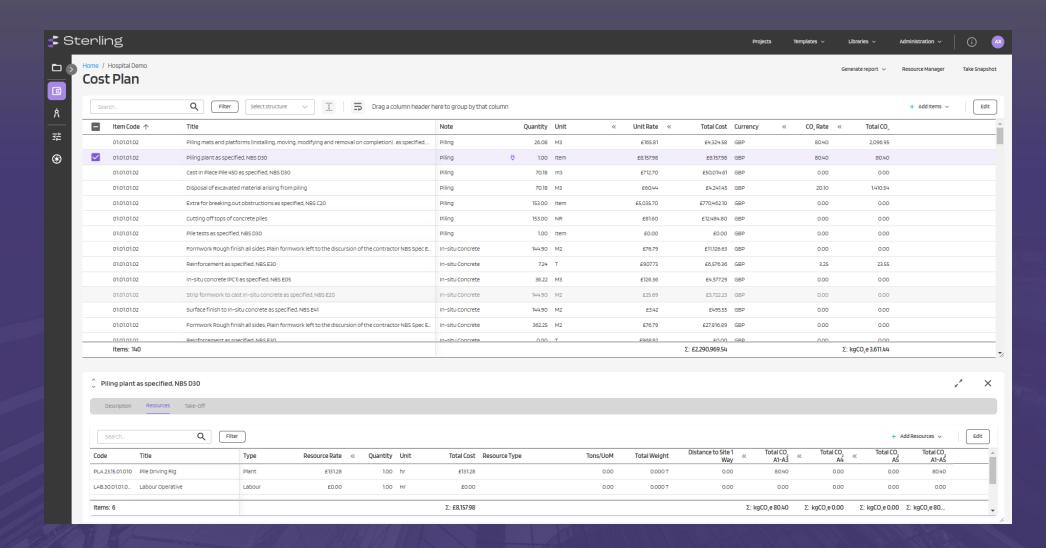
## Portfolio view







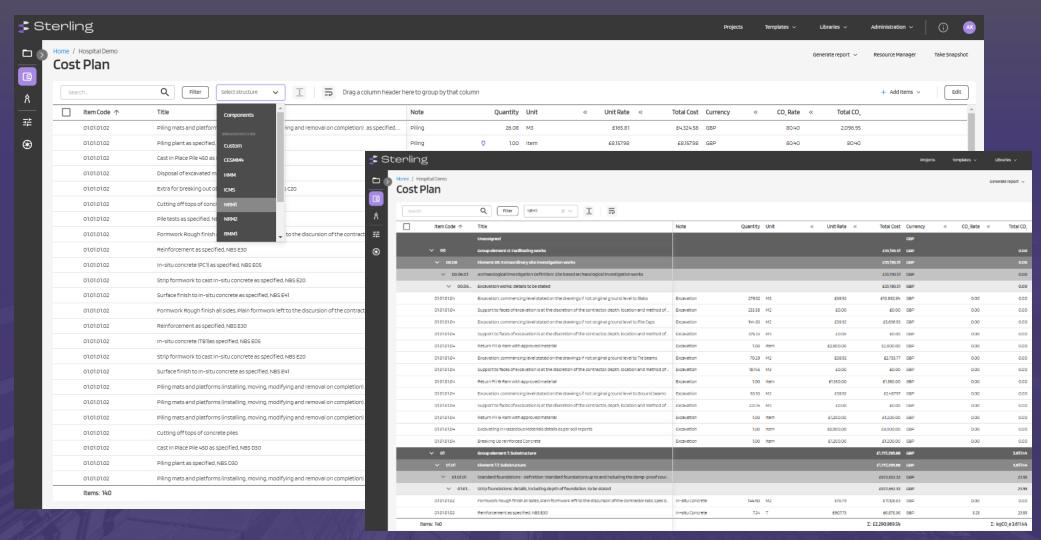
## Cost Plan View







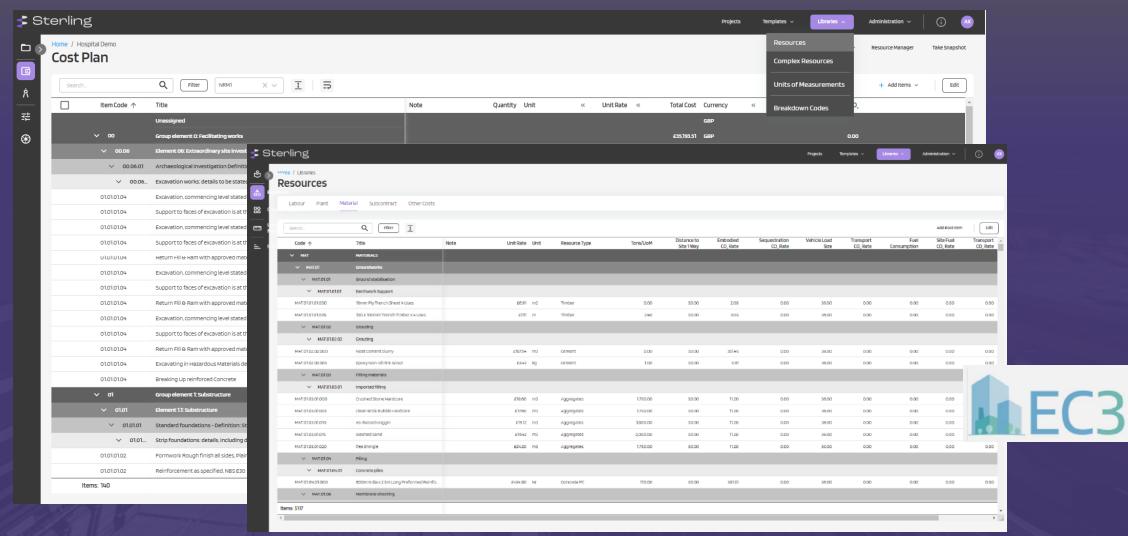
## Cost Plan - View by Multiple Structures





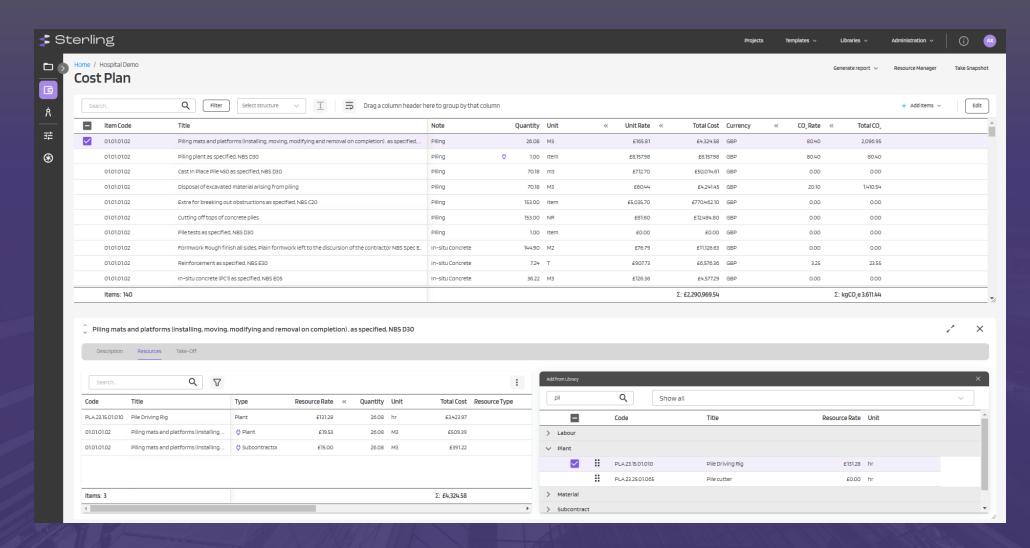


## **Libraries**





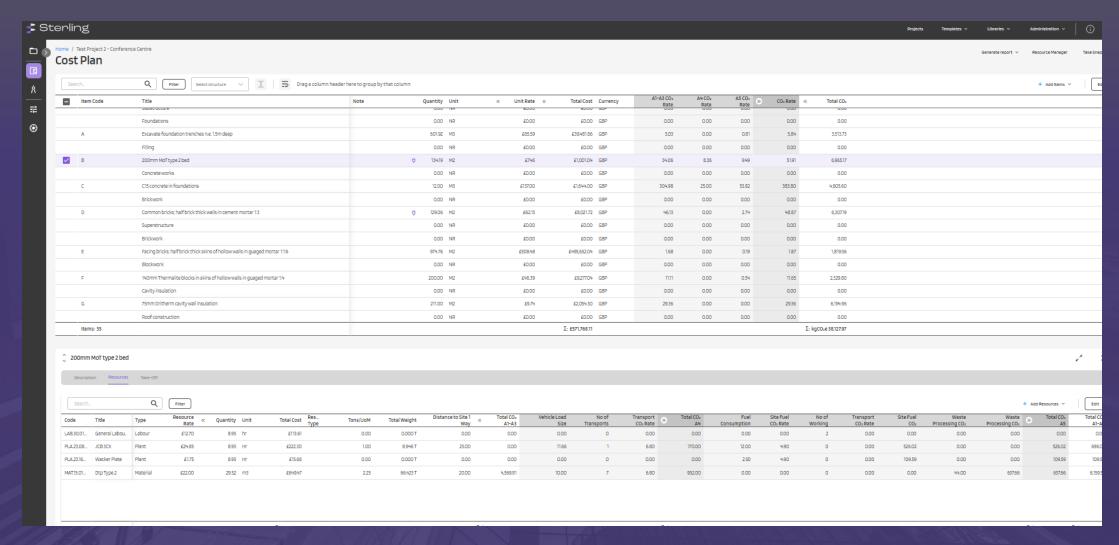
## Resource build-up







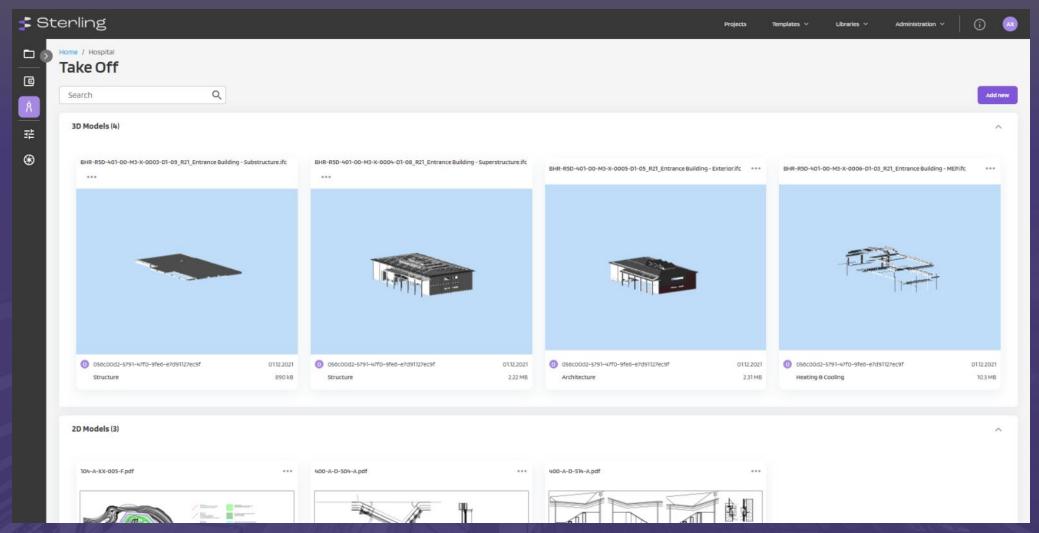
## Carbon A1-A5 (Cradle to Practical Completion)







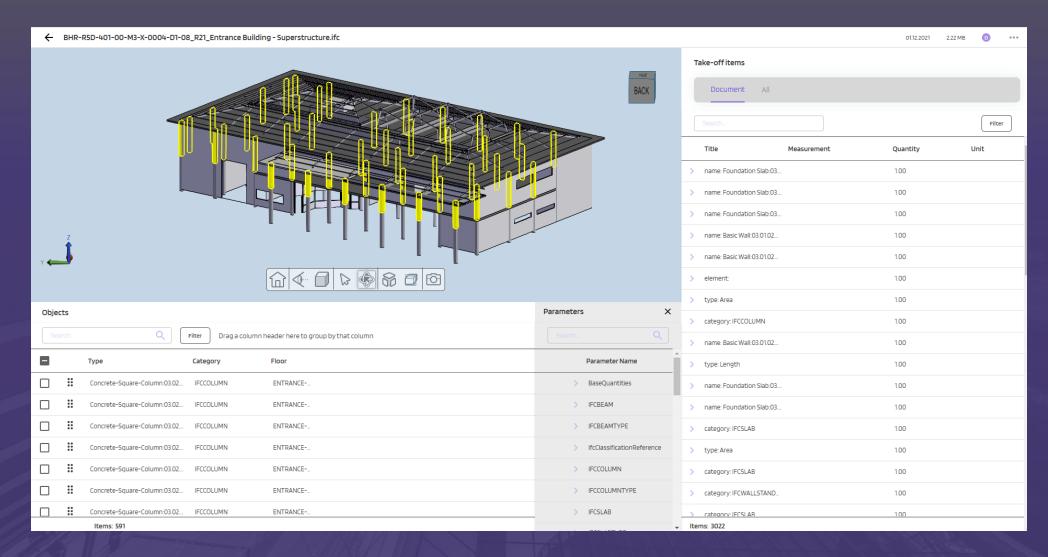
## Information Models







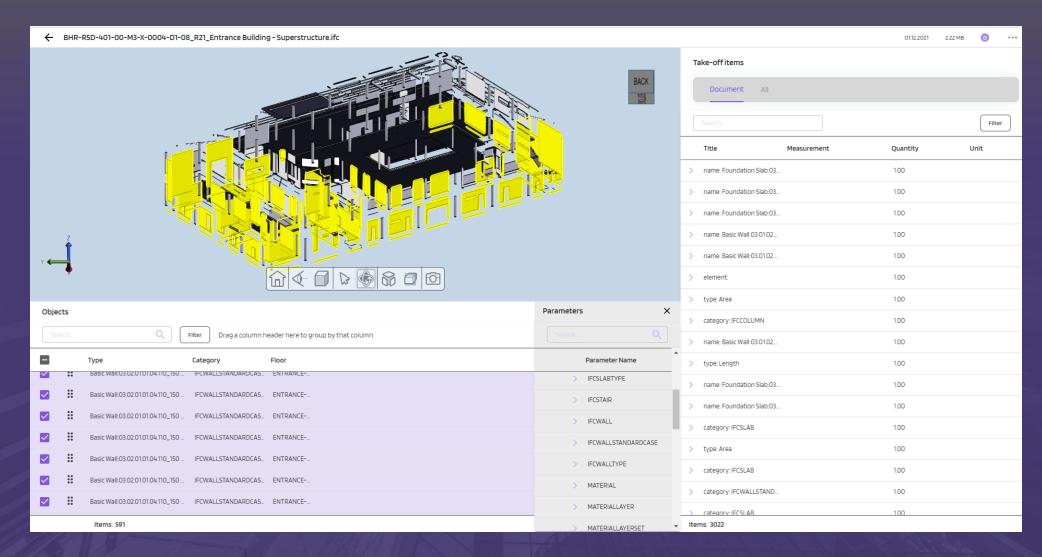
## **≇** 3D/BIM Take-off







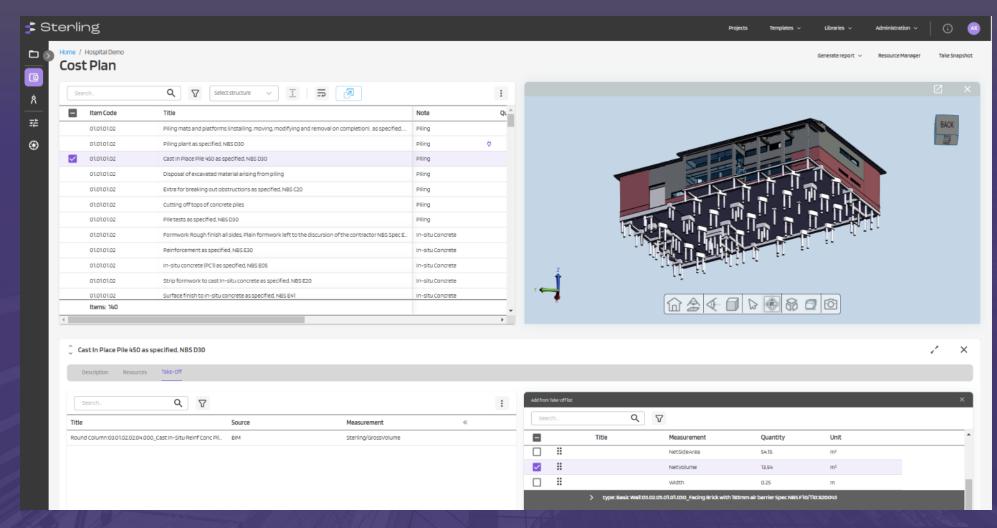
## 3D/BIM Take-off view







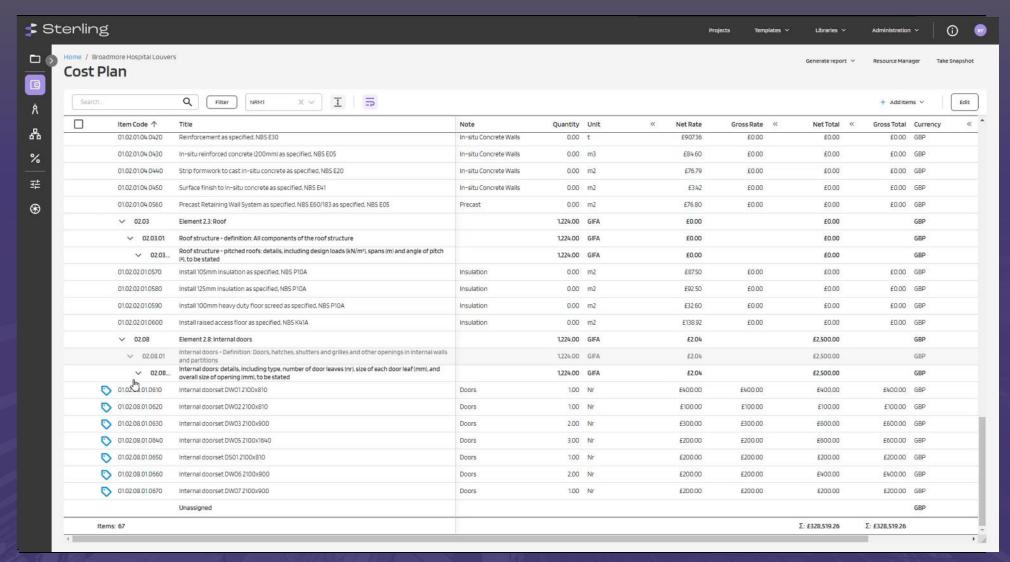
## Take-off linked to Cost Plan



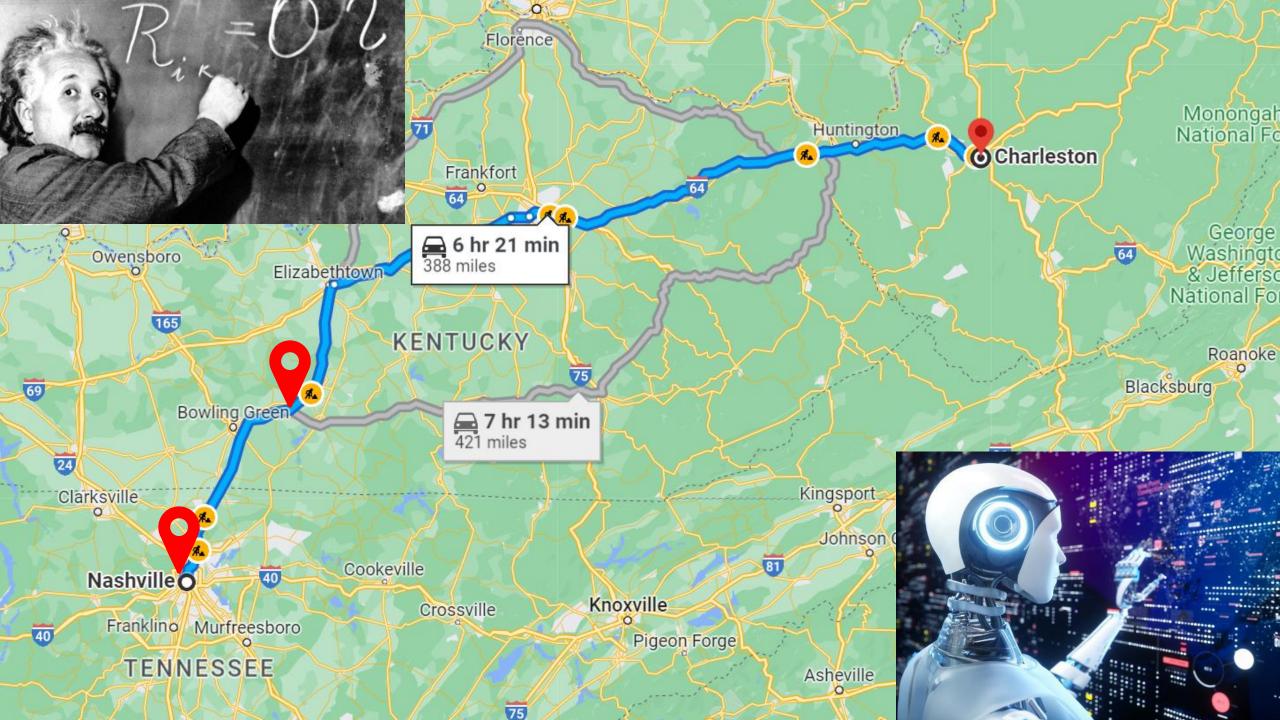




## Cost & Carbon Work Packages









#### Roadmap - What to expect in 2023

- Lifecycle Cost & Carbon
- Timeline
  - Dynamic Estimating
  - Forecasting
  - EVA / ECA
- Benchmarking Leverage your data
- Assemblies / Components .... Plus wizard
- Machine Learning 3D Take-Off
  - Blind → Visual → Assisted
  - Empowering Users
- Integrations
  - Autodesk Docs
  - Autodesk Cost
  - Widest set of Carbon Databases (EC3, ICE, 1Click)
  - Programme Primavera and MSP









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rapid-sterling.com



rapid-dcs.com



#### Find out more here:



## Thank You



#### Our Next Generation Cost & Carbon Solution is...

#### **User Centric**

- Enjoy a fresh modern & intuitive experience
- Designed & tested by industry practitioners
- Work anywhere on our online platform
- Multi-user capability
- Drag & Drop Friendly
- We are determined to make your life easier!

#### Carbon Ready

- Carbon and Cost
   estimates co-exist and
   truly aligned at resource
   level
- Data to prove & improve your true carbon footprint
- Build, manage and link to rich data sources
- ✓ PAS2080 Compliant
- Hosted sustainably

#### **Cost Ready**

- Build Top-Down or Bottom-Up Robust Estimates
- Manage multiple resource libraries
- Easily pivot your data from one structure to another
- Measure, audit & track quantities
- Adjust Valuations
- Manage work packages

#### Digital Ready

- Smart BIM viewer
- 2D & 3D Take Off
- Search, filter & manage by attributes
- Modern, scalable & secure technology
- ✓ API = Integration ready
- Powerful reporting
- Fit for Industry 4.0

#### #PowerfullySimple

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