mainer.co.uk

#### **Mainer Associates**

CarbonCentric App





SPECIALIST SUSTAINABILITY CONSULTANCY



Built with precision and innovation in mind for carbon measurement, our new cutting-edge App reshapes the way we approach building projects, introducing a new era of responsible development.

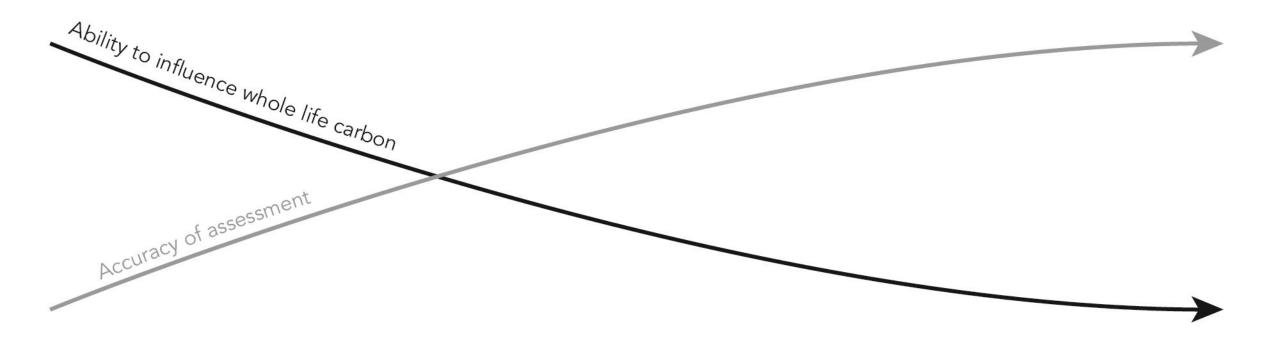
The Carbon Tool App provides real-time insights and preliminary results through a comprehensive carbon score, empowering intervention and guidance at any stage of the project, even before a single brick is laid.

Enabling better informed and more decisionmaking, adaptability, accuracy, as well as more coherent and aspirational carbon management, tailored to the client's budget and targets.

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131 - Earthanka       127.80         131 - Earthanka       127.80         133 - Earthanka       127.80         134 - Hard Landkoging       500.52         135 - Earthanka       127.80         135 - Earthanka       127.80         137 - Brear Function       127.80         137 - Stream Function       1.35         138 - Earthanka       1.35         139 - Dealmage       134.11         137 - More Function       1.35         138 - Earthanka       1.35         139 - Dealmage       134.11         137 - More Function       0.55         TOTAL       1.1.106.11         At As Sine tool (See       377         NEX At As Sine tool (See Context)       More of Langer, Net (TW)       Carloon Budget Bar         30% Used       More of Langer, Net (TW)       Carloon Budget Mar       Carloon Budget Bar         30% Used       More of Langer, Net (TW)       Carloon Bar       Carloon Bar       In         At As Sine tool (See Open Langer, Net (TW)       Carloon Bar       See Open Langer, Net (TW)       Carloon Bar       In	-	4	5.46		Details			summ	₩Ÿ				Das	shboard
1313: Entranska (*       127,800         132: Entranska (*)       500,501         134: Entranska (*)       500,501         135: Entranska (*)       120,001         135: Entranska (*)       120,001         135: Entranska (*)       120,001         135: Entranska (*)       120,001         135: Entranska (*)       121,001         135: Entranska (*)       121,001         135: Entranska (*)       121,001         136: Entranska (*)       121,001         137: Entranska (*)       121,001         136: Entranska (*)       121,001         137: Entranska (*)       121,001         136: Entranska (*)       121,001         137: Entranska (*)       121,001         138: Entranska (*)       120,001         139: Entranska (*)       120,001         130: Entranska (*)       100,000         141: Entranska (*)       100,	12 - Specialist Finishes		1.09		R1	D2	R/	R5	Ré	P7	89	RO D	10 R11	R12
Mail       179.04         M2 - Steaking Wala       179.04         M2 - Steaking Wala       22.36         IBI - External Services       1.35         M3 - Steaking Wala       0.55         TOTAL       13.196.16         M4 - Steak Mark       22.36         M3 - Steak Mark       22.36         M3 - Steaking Wala       0.55         TOTAL       13.196.16         M4 - Steak Mark       22.36         M3 - Steak Mark       23.37         M3 - Steak Mark       22.36         M3 - Steak Mark       23.37         M3 - Steak Mark <td< td=""><td>113 - Earthworks</td><td>12</td><td>27.80</td><td></td><td>01 02</td><td>D3</td><td>D4</td><td>-D3</td><td>60</td><td>Б/</td><td>Do</td><td>57 6</td><td>0 011</td><td>DIZ</td></td<>	113 - Earthworks	12	27.80		01 02	D3	D4	-D3	60	Б/	Do	57 6	0 011	DIZ
Mail       17904         172. Sareet Fundase       22.36         182. Sareet Sundase       3.35         192. Dearing with       134.11         182. Soreet Sundase       0.55         TOTAL       13.196.10         Add.: Site Store Sundase       0.77         NEX AS Sites 109 bgC0 part       2.616         Mail: Site Store Sundase       0.77         NEX AS Sites 109 bgC0 part       2.616         Mail: Site Store Sundase       0.77         Nex As Sites 109 bgC0 part       2.616         Mail: Site Store Sundase       0.77         Nex As Sites 109 bgC0 part       2.616         Mail: Site Store Sundase       0.77         Nexter Store Sundase       0.77         Store Sundase Store Sun	14 - Hard Landscaping	58	80.52	В	2 - Metal D	oors A1	A5 E	missi <u>o</u>	n Allow	vance	tCO2e			
138: External Services       1.35         179: Desiraging       134.11         121: Whether Beyrond Currilage       0.55         TOTAL       12.194.10         143: Stere Kody, Elec       0.77         143: Stere Kody, Elec       0.77         143: Stere Kody, Elec       0.77         156: Company       0.01         157: Company       0.01         158: Company </td <td>16 - Retaining Walls</td> <td>17</td> <td>79.04</td> <td></td>	16 - Retaining Walls	17	79.04											
19: Desinger       134.11         21: Medic Bayend Curlings       0.55         TOTAL       13.196.16         AttA: Sins fow, Die:       377         NEX ALS Sees 107 bgCQ_dent       2.616         Mida: Sins for August       377         Sector Parkage       1000         Mida: Sins for August       377         Sector Parkage       100         Mida: Sins for August       377         Sector Parkage       100         Mida: Sins for August       377         Sector Parkage       100         Mida: Sins for August       100         Mida: Sins for August       100         Mida: Sins for August       110         Mida: Sins for August	17 - Street Furniture	2	2.36				007	21	RESI	JLTS	5 22	240		
21 - Wedde Bayerd Curliage       0.55         TOTAL       13.179.12         NAA - Sine Kovi, Ext.       377         WED XI AS Res 107 kgC0_ptml       2.610         Moder Sine 107 kgC0_ptml       2.610         Moder Sine 107 kgC0_ptml       2.610         Mice Sine 107 kgC0_ptml       2.610	18 - External Services		1.35	0	Juantity		771	21	Total kg	, CO,	e [ 33,	,240		Return
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At A5: Sin Fux, Exc       377         NEP A1.A5: Sin Fux, Exc       377         NEP A1.A5: Sin Fux, Exc       377         Sin Company       2,610         Market A1: Sin Fux, Exc       1         Sin Company       1         Sin Com	21 - Works Beyond Curfilage	0	1.55	4	arbon budg	et bar								
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Company O CarbonCentric				Т	OTAL				964.37		2893.11			5
Strictly Physics & Cartifidential at Scool 2 Limited 3821-22. All Reinha Reserved				'name' (								Centric		

Organisations must communicate avoided Scope 3 emissions by showing reductions to the predicted total, through reporting actual emissions over time for projects they are involved with.





Strategic design phase	Concept design phase	Technical design phase	Construction phase	Post-completion phase	In-use phase	End-of-life phase
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Data Collection - Tender to Completion



## **Process with the App**

A **centralised approach** of obtaining accurate and realtime data on what has been (& will be) procured/installed on-site.

This ensures an **easy & effective liaising process**, communicating with sub-contractors on the client's behalf.

The app enables Mainer to collate data with the desired granularity/detail and narrative for the client, with **greater efficiency**. For instance, if the client requests to compare predicted emissions to actual emissions, the client could login and review such information.

Quantified carbon emissions can also be 'timelined' as the construction project progresses, rather than a providing a 'snapshot' of total emissions when each report is issued, as previously done.

This helps the client understand the 'WLCA assessment completeness' of the project.

## **Process without the App**

**Cannot provide a real-time carbon emissions score** and compare against predicted emissions (what is yet to be installed)

A longer, more fragmented liaising process, whereby the client may provide data to different colleagues through information requests, long email-threads, and frequent catch-up meetings.

On occasions, the data provided previously has not always been detailed nor conducive enough for Mainer to calculate carbon emissions with complete confidence, including:

- Generic product descriptions
- Default transport distances
- Recycled content

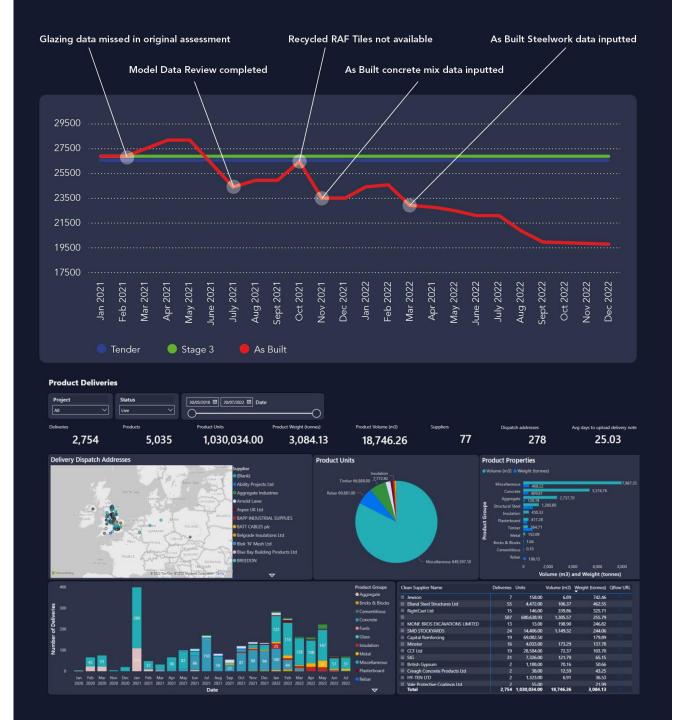
Although normal at early design stage, this often yields a WLCA report that contains **greater uncertainty scores** when feeding this back to the client.



The Carbon Centric App ensures systematic swift & simple data collection using a centralised approach obtaining accurate and real-time data.

The App allows for greater data transparency and can help deliver a much more comprehensive embodied carbon assessment.

It reduces the chance of misrepresentation on the true sustainability performance of a project, as well as mis-guided decisionmaking on assumptions.



# Thank you



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