W i r e f r a m e

Location: As the Carbon Pattern AI is worldwide, hence, its starts with larger picture the world, country and city. Lastly, you add the pin code or longitude / latitude of the construction site to begin.

Home Page
Having two main buttons: 1) Login
2) Model Space

Factors:
Showcasing a main factors before starting the main drawing. The user needs to set the

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Function:
User need to mention the function of the space and select the given option.

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Scale:
User need to drag the scale bar as per their requirement for having an optimum output.

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Element:
The last is the element. The user needs to select the element required for the construction and select which world he the first one to begin with.

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By using the comments, each element will pop up for drafting and have its scale factor and material cost and co2 emission showing at right most bar with details.

Element matrix: Showing all the element with its quantaty ready to be composed. After this stage, it would be great if user has aoppopinted an architect for perfect space designed.

Toolbar: Showing all the element the comments use for drafting

Graphic Bar: Showing the cost and CO2 emission of all the elements.

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User can select each item and get their specific items in detail at the right bar

Conclusion: Showing the co2 and cost of each element used in making the space and the final 3D drawing. It also show the same information in form of bar graph.

The AI software is not just for big scale project but also for creating the details and joinery of all the material, choosing the all specification which were shown before the large scale drawing.

MATERIAL	ELEMENT	VOLUME M³	EMBODIED CARBON KGCO2/E
Limestone	Pad foundation	4	756
Limestone	Wall	16	3914
Softwood I-beam	Wall and floor	<1	-2030
Softwood	Wall and floor	6	-1888
Softwood	Stud partitions	2	-1139
Plywood	Linings/floors	16	-8079
Welsh slate	Roof tiles	2	408
Softwood	Roof trusses	n/a	-473
Hemp batt	Insulation	109	-2289
Glass	Windows	<1	380
Limestone	Sills and lintels	<1	49
TOTAL-HOUSE			-13489

MATERIAL	ELEMENT	QUANTITY M²	COST £
Limestone	Pad foundation	4m²	1200
Limestone	Wall	16m²	4826
Softwood I-beam	Wall and floor	<1	Unknown
Softwood	Wall and floor	507	10265
Softwood	Stud partitions	294	2940
Plywood	Linings/floors	1322	15,870
Welsh slate	Roof tiles	2m²	646
Softwood	Roof trusses	193	1028
Hemp batt	Insulation	109m³	15,025
Glass	Windows	16	6750
Limestone	Sills and lintels	<1m²	78
TOTAL-HOUSE			57,570