StructurePal

ENABLING CONCRETE REDUCTION IN CONSTRUCTION WITH AI

Beta version | First clients

PROBLEM

The construction industry is using too much concrete due to over-design caused by lack of optimization technology in the planning process.

Concrete in numbers:
Constitutes 8% of overall Co2 emissions world-wide
Is the most used material for building structures.
Constitutes 35% of the overall cost of construction projects globally.

SOLUTION

We provide the structural engineers with AI-based tools that enable them to reduce the needed concrete in their design, without changing their workflow and without any learning curve.

Our solution in numbers:
Up to 15% concrete volume reduction.
Up to 15% reduction in concrete related execution costs.
Up to 50% in design time reduction.
Reducing construction emitted Co2 emission - up to 30%!

TEAM

Civil engineer

Past founder of ParaGroup

Civil engineer

Past Project manager

Past Chief engineer

10 years in Contech industry

7 published research papers

Civil engineer and architect

COMPETETIVE ADVANTAGE

With a unique team of civil engineers who specialize in software development and AI implementation, Structure Pal is leading the civil engineering technology market towards a fast and efficient reality. Bridging tech and civil engineering in a novel manner.

B2B

Our business model is B2B.
Pricing range per project license 5,000€ - 25,000 €.
Our Preliminary clients are structure engineers and real estate developers.

Preliminary target market size:
2.5 Million Civil engineers who design concrete structures.
2 Million real estate developers.

ACCELERATORS

ConTech CONSTRUCTION INNOVATION ZONE

INVENTech

INVESTORS

SHIKUN&BINUI Our Environment, Our Future

SHAPIR SINCE 1968

MOREVC

רשות החדשנות
Israel Innovation Authority

office@structure-pal.com | +972-523813045 | Ha-Namal 10 Hifa, Israel