

CiA BIM Solutions P.C.



COMPANY PROFILE

ABOUT THE COMPANY

“Civil Ioannis Angelopoulos BIM Solutions P.C.” is a proficient group of specialists that based on their merging experience provide efficient solutions in the field of BIM design. Always dedicated to the scope of work of the projects, we provide to our clients high technical and consulting services. Specialized and focused on the interactivity of Building Information Modeling design, we retain a high level of cooperation with large firms.

Our field of specialization is structural design of steel structures and connection calculations, together with high level of steel detailing using the software Tekla Structures.

The professional spirit of our team is to develop flexible, accurate and optimum design through the effective collaboration of the latest BIM software tools.

In addition to our structural design, we are also capable of providing Architectural and MEP design services for the sake of consistency of our overall BIM expertise. Last but not least, our partners have the appropriate extensive knowledge to manage façade engineering projects.

“Challenging and ideal worldwide projects is our company’s scope of action.”

“BIM DESIGN LEADS THE TECHNICAL WORLD”



CiA BIM HEAD MEMBERS



Angelopoulos Ioannis

Krikos Stylianos

Ioannis is a civil engineer graduated from the National Technical University of Athens. His professional career is focused on the structural BIM field of expertise. For 10 years he has participated in large scale engineering projects in Greece and worldwide in cooperation with the company Design & Application Engineers S.A. and he was awarded with high experience in the field of civil engineering. From the very beginning of his career he became an exceptional user of the software Tekla Structures and he remains dedicated to retain his knowledge up to date, regarding the latest BIM software tools.

Ioannis has a strong working knowledge of the steel detailing industry. His experience in mining and façade projects is of valuable consideration for the team. The main role of Ioannis as a head member of CiA BIM is based on the interactivity of Tekla Structures with other structural and architectural BIM software tools such as REVIT. As a steel connection designer expert he has established an efficient collaboration between Tekla Structures and IDEA StatiCa. He acts as a coordinator for the optimization of Tekla Structure usage in the projects.

The specialist Ioannis Angelopoulos is always happy to roll up his sleeves to get the job done.

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Stylianos is a highly experienced structural engineer with more than 10 years of experience in the design of large scale projects. In 2005 he graduated from University of Thessaly and afterwards received his MSc in "Analysis and Design of Earthquake Resistant Structures" from the National Technical University of Athens. His professional spirit was dedicated in structural analysis from his early beginning.

The field of specialization of Stylianos is concrete, steel and composite structures analysis. His ability to collaborate his structural analysis expertise with the BIM design gives enormous flexibility to the team. His in-depth knowledge of Eurocodes has given him the opportunity to participate in worldwide projects in cooperation with large construction and fabrication firms. Stylianos was awarded with many special structural analysis projects such as Industrial, Commercial, Administration and Educational Buildings, Luxury Hotels, Concrete & Steel Bridges, Mining projects and Waste water – Solid waste projects. As a Staad.Pro, R-FEM, Fespa and IDEA StatiCa software senior user, he retains the role of the structural head leader for the CiA BIM, regarding the calculation design. He is a concrete and steel structure design expert always available to provide consultant services not only in the field of design but also in the constructability field.

Stylianos is a skillful civil engineer specialist always focused on new complex and challenging projects.

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"STEEL STRUCTURES FLEXIBILITY IS OUR TOP PRIORITY"

SERVICES

STRUCTURAL ANALYSIS

CiA BIM has a large scale of experience in the field of structural design. Having the appropriate engineering theoretical background, we have participated in the structural design of many worldwide ideal projects. We always develop our structural design services by retaining high level of specialized usage of the latest structural analysis software tools.

STEEL CONNECTIONS DESIGN

Having the experience to evaluate the results of the analysis, our engineers have the ability to make all the necessary calculations in order to design the steel nodes of any structure.

DETAIL ENGINEERING

Steel structures in all fields need an overall approach regarding the final **shop drawings** for fabrication. CiA BIM develop optimization between design and construction by executing steel detailing in a high level of performance. We have an ultimate experience in the usage of Tekla Structures in order to achieve our goal.

BIM SERVICES

Building Information Modeling is the ultimate process of design that leads the modern technical world. Being familiar with the structural BIM software Tekla Structures we offer to our clients the desired level of BIM services. Our company has established co-operations in all fields of BIM design (Architectural and MEP).

FAÇADE ENGINEERING

The Architectural spirit of the modern technical world seeks for flexible constructability expertise in design. CiA BIM engineers have participated in ideal façade engineering projects and became awarded with enormous experience.

PROJECT MANAGEMENT

CiA BIM has established long term co-operation with steel fabricators. The efficient potential from our collaboration with the sub-contractors is that we have the management control of the projects in terms of BIM coordination. Especially in steel structures, we use the software Tekla Structures in order to maintain the desired optimization between civil design and construction – erection.

“OPTIMISATION OF CONSTRUCTION IS OUR SPIRIT OF WORK”

INDICATIVE PROJECTS

SMALL BOAT LANDING PLATFORM

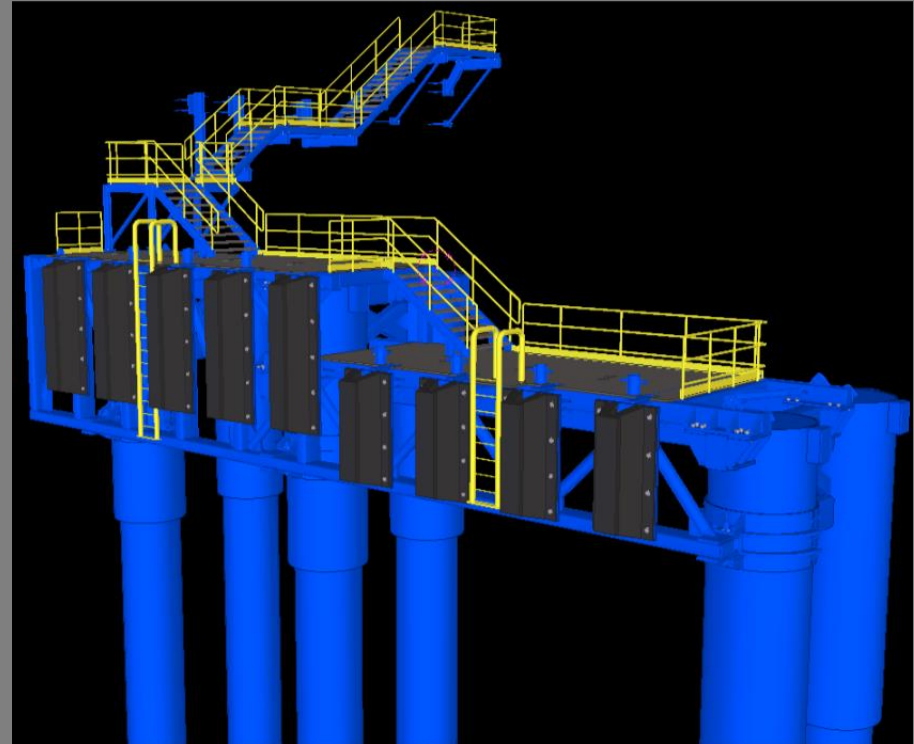
We cooperate with the design department of Besix Dubai, regarding the design of the **Small Boat Landing platform** which was installed in the berth jetty. Our main concern was the calculation design of the steel connections and the BIM interaction regarding the steel detailing and the material reports.

About the project “BAHRAIN LNG IMPORT TERMINAL”

Bahrain’s new LNG Import Terminal will help meet the Kingdom’s increasing demand for gas to fuel its industrial and urban development. At the end of 2015, Six Construct was awarded the contract to design and build the marine structures, which consist of a double berth jetty for FSU and LNG carriers, protected by a 500-m-long and 15-m-deep breakwater. The design phase was carried out by the BESIX Engineering department.

LNG Terminal – This will be a complex located approximately in 15m of water depth approximately 4.3km north east of the Muharraq Sewage Treatment Plant. This will include an approximately 4km of subsea pipeline and approximately 6km onshore of 24” high pressure gas pipeline. The pipeline will be buried both offshore and onshore. The pipeline will come ashore at a Land-fall Point, where there is a Valve Station that allows the offshore section of pipeline to be isolated.

(PROJECT BUDGET: €126.000.000)



“CHALLENGING AND IDEAL WORLDWIDE PROJECTS IS OUR COMPANY'S SCOPE OF ACTION”

INDICATIVE PROJECTS

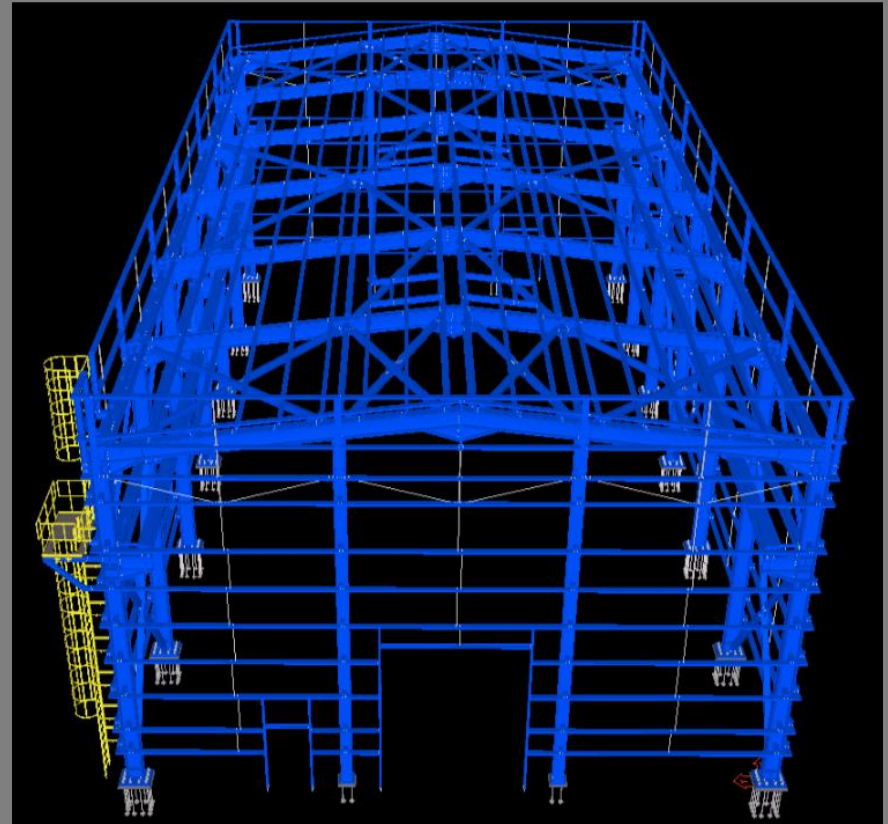
G.I.S. BUILDING AMANDI ENERGY-GHANA

We cooperate with the design department of the sub-contractor, regarding the construction of the whole Tekla Structures model of the G.I.S. building. Our main concern was the BIM interaction regarding the steel detailing and the material reports.

About the project “AMANDI ENERGY-192 MW COMBINED CYCLE POWER PLANT AT ABOADZE, GHANA”

The scope of the project includes the engineering, procurement, construction and commissioning of a 192MW combined cycle power plant in Takoradi. The plant will be implemented with the capability to operate on both natural gas and light crude oil, and will utilize the latest advanced version of General Electric’s well proven 9E gas turbine.

The project will be executed by METKA in consortium with General Electric.



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INDICATIVE PROJECTS

PROJECTS IN COLLABORATION WITH DAE S.A.

We are thankful for the multi annual collaboration with the company **DAE S.A.** (<https://www.dae.gr>) regarding many ideal worldwide projects. The design experience we are awarded from those projects is priceless.

PROJECT LIST:

ELDORADO METAL AND GOLD INDUSTRY AT OLYMPIAS, CHALKIDIKI

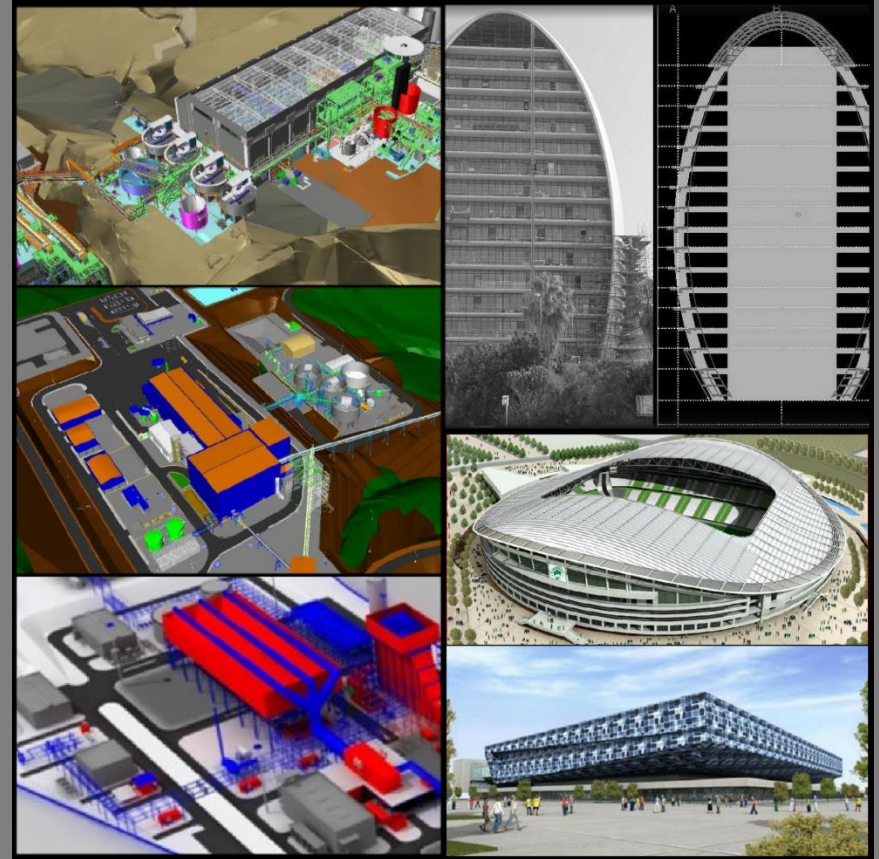
ELDORADO METAL AND GOLD INDUSTRY AT SKOURIES, CHALKIDIKI

EDISON 421.6 MW COMBINED CYCLE ELECTRICITY PRODUCTION STATION AT THE "THISVI" INDUSTRIAL AREA

"THE OVAL LIMASSOL" STEEL CLADDING

PANATHINAIKOS F.C. NEW STADIUM

PAS GIANNINA F.C. NEW STADIUM



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PARTNERS

Special thanks to the firms that gave to our company the chance to collaborate with them.



“NEVER TOO LATE TO BECOME OUR PARTNERS”

CONTACT US

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“ALWAYS AT YOUR DISPOSAL”