Skouries Metal and Gold Industry

Zeit-Studie	**Budget (€)**	**Arbeitgeber**
2010-2017	500.00	Eldorado Gold / Hellas Gold SA
	Besitzer	**Position**
		Chalkidiki Peninsula

SKOURIES is a mining project located in the Chalkidiki Peninsula in northern Greece, owned by Hellas Gold S.A. a subsidiary of Eldorado Gold Corporation. The plant feed capacity is 8,050,000 tpa and the design life of the project is 25 years. The products of the plant are copper (Cu) concentrate and gold (Au).

The plant is consisting of the following process and utilities areas:

- Open pit crushing and conveying
- Stockpile and reclaim
- Grinding system
- Pebble crushing system
- Gold gravity circuit / gold room
- Flotation system

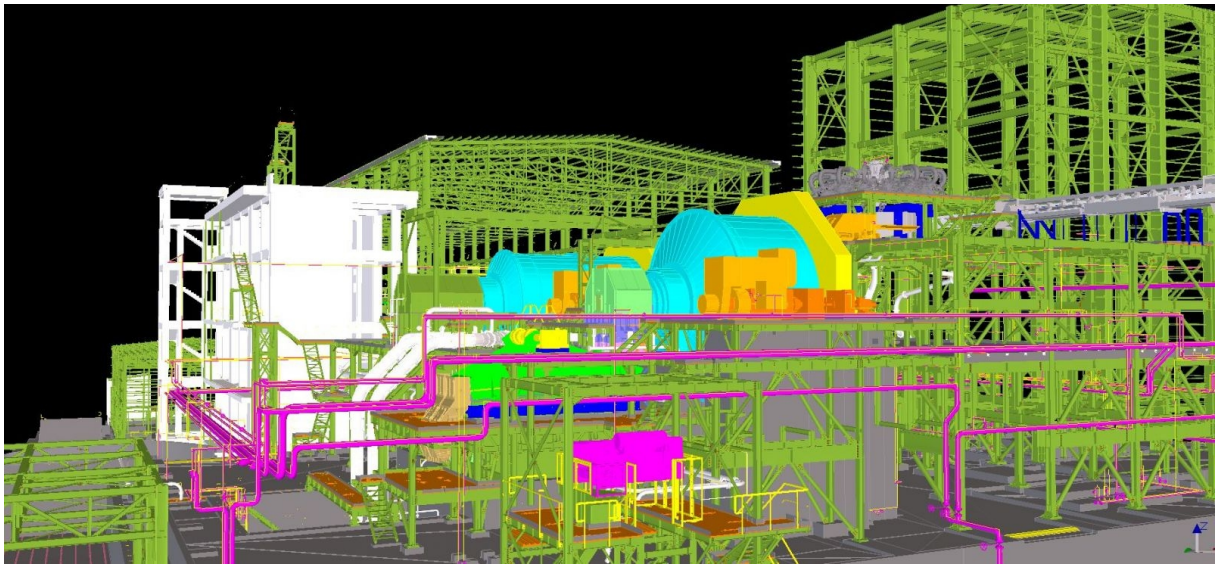
- Tailings thickening system
- Lime plant
- Flocculants system
- Sulphidiser system
- Reagents system
- Concentrates thickening system
- Concentrates dewatering system
- Borehole water system
- Compressed air services
- Process water system
- Utility water system
- Fire-fighting water system
- Mine water system

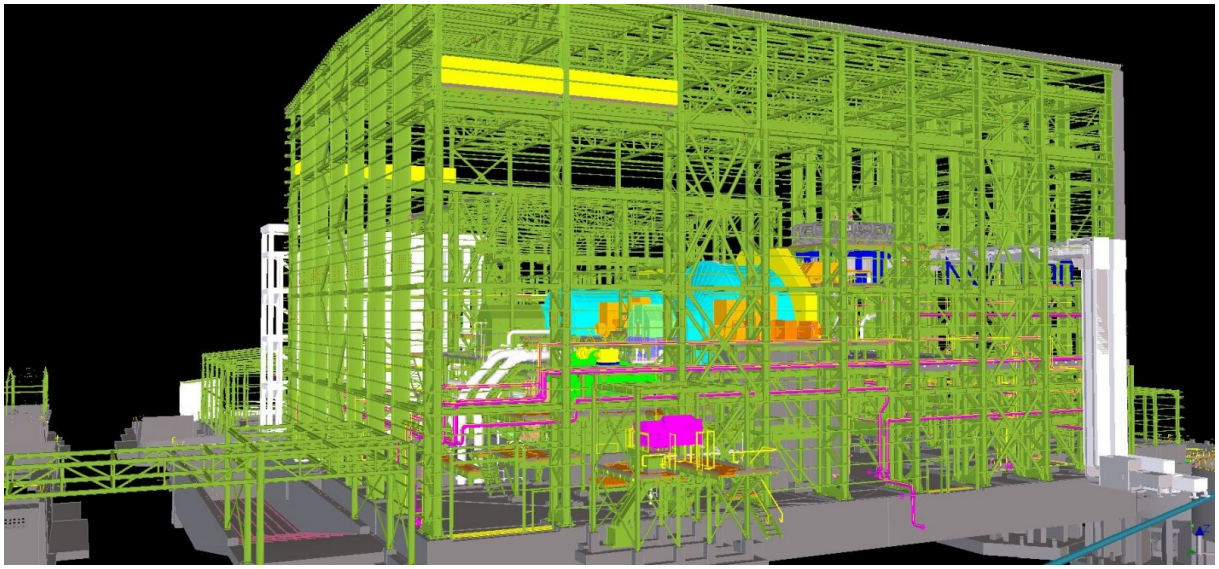
- Potable water system
- Tailings disposal system
- Dams reclaim water system
- Sanitary sewer system
- Workshops, stores, offices and amenity buildings
- HV open switch yard and substations

DAE for being civil consultants for the Owner, were responsible for the detailed civil and structural design - based on the Basic Design performed by ENOIA S.A and OUTOTEC during the first stage and JACOBS during the second stage of the project.





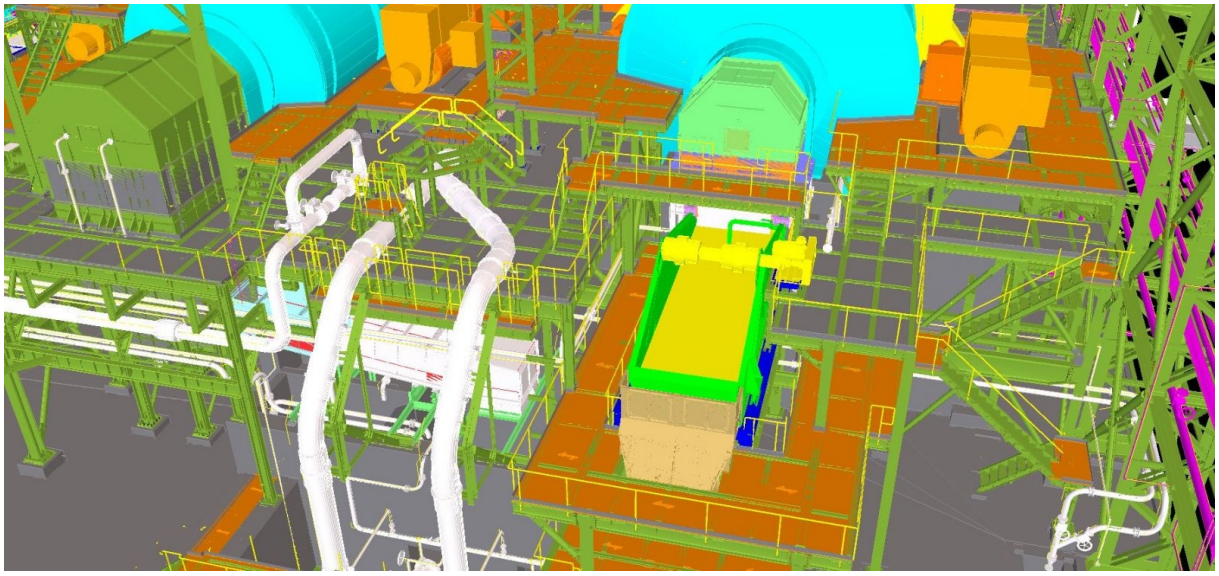


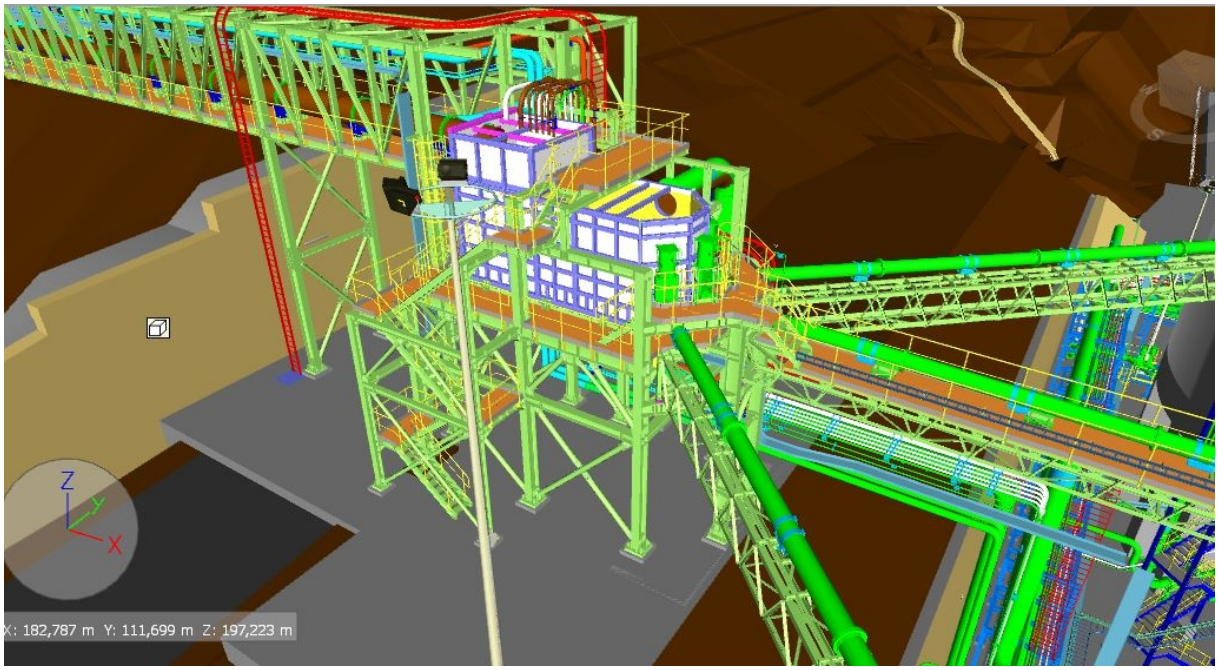











Z
Y
X
X: 182,787 m Y: 111,699 m Z: 197,223 m

