

Deep C I Hai Phong Industrial Zone Applied iLotusLand Platform To Be More Sustainable



TIME
2024



LOCATION
Hai Phong province - VietNam



CLIENT
Deep C I Hai Phong

ABOUT THE CLIENT

DEEP C I Hai Phong, founded on the 5th of April 1997, it is the 541-hectare Industrial Zone, located in Hai Phong province, it was initially known as Dinh Vu Industrial Zone. Since its establishment, DEEP C Haiphong I has transformed the isolated Dinh Vu - Cat Hai peninsula into a dynamic industrial hub with over 90 investors of different nationalities and industries. Attracting more than 90+ tenants in various industries including: Petrochemical, Food & Feed, Logistics, Electronics, Machinery, etc. Now, it laid the foundation for the entire DEEP C Industrial Zones cluster to expand to over 3400 hectares as.



THE CHALLENGE

Managing data from the two required wastewater monitoring stations (inlet and outlet), and 10 water supply stations poses significant challenges, particularly in data centralization. Ensuring that data from all stations is accurately and continuously collected, processed in real-time, and securely stored in a centralized system is crucial. This centralization is essential for seamless compliance reporting and comprehensive environmental impact assessments but demands robust infrastructure to maintain data integrity and accessibility for audits and regulatory scrutiny.



THE SOLUTION

With the iLotusLand solution, our water monitoring platform, we can effectively address the challenges of data centralization. The platform ensures accurate, continuous data collection from both inlet and outlet monitoring stations, processes this data in real-time, and securely stores it in a centralized system. This facilitates seamless compliance reporting and comprehensive environmental impact assessments. Additionally, iLotusLand's robust infrastructure maintains data integrity and accessibility for audits and regulatory scrutiny, streamlining the entire data management process.

Application	Waste Water	Water Supply (by Water Meter)
Number of stations	2	10
Measured parameters	Amoni, COD, Flow, pH, Temp, TSS	Pressure, Water Consumption
Software model	iLotusLand Platform for Environment (On-Cloud)	



THE RESULT

“Thanks to the mobile application, now we can access the data by our mobile to check what’s going on and provide fast response’ Customer’s Feedback

After the installation of the iLotusLand platform, Deep C has seen an improvement in its data management. Now, all the data access is available for all operators anywhere anytime, making the work of monitoring, servicing, and maintenance much more convenient. More importantly, it has supported Deep C to better comply with the local regulation, also making itself to become a sustainable industrial zone to attract more tenants to come.

“ iLotusLand is an environmental IoT company offering data-driven environmental monitoring solutions for better decision-making. With our plug-and-play stations, we monitor a wide range of parameters in Wastewater, Surface Water, Groundwater, Drinking Water, CEMS, AAQMS, etc. And iLotusLand data analytics platform delivers actionable insights for government, industries, and communities. Our commitment is to be a key player in fostering a sustainable future through intelligent environmental monitoring solutions and data science. ”