



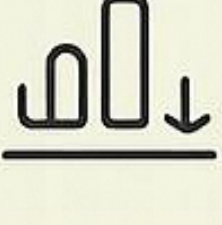



# Improvement of Safety in Cement Silos using IoT and AI Technologies

## What is SMARTSILO?

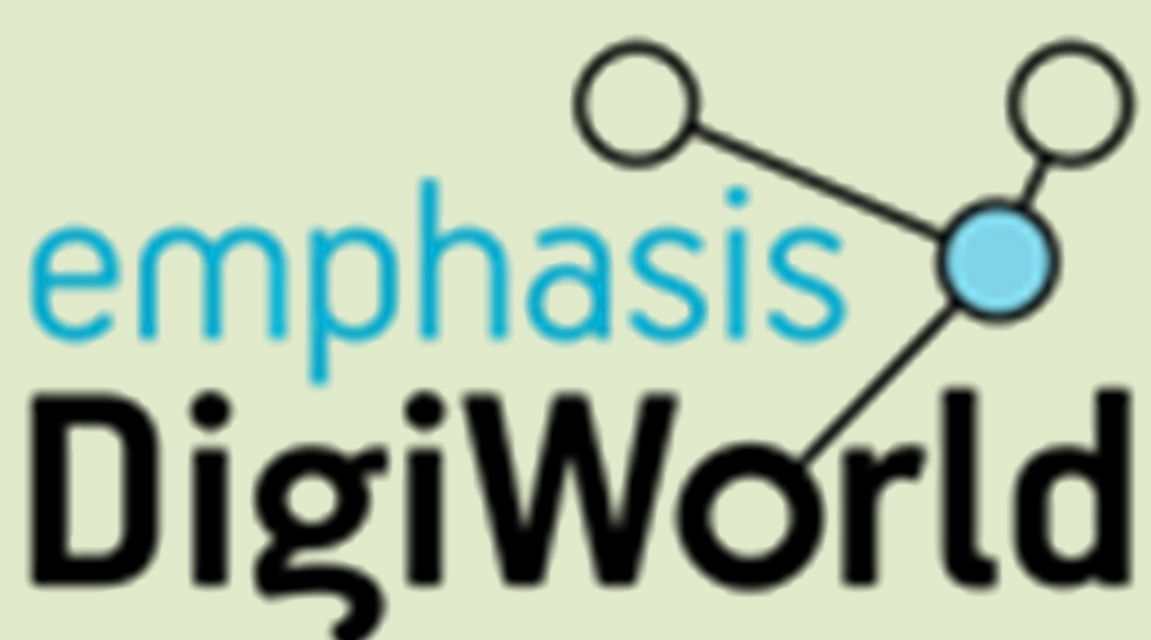
SMARTSILO is an innovative industrial solution that **enhances safety and ergonomics in cement silo operations by integrating Internet of Things and Artificial Intelligence technologies.** It continuously monitors critical parameters such as pressure, temperature, and environmental conditions through smart sensors, while AI algorithms analyse the data in real time to detect anomalies and predict potential risks. By enabling proactive decision-making, automated alerts, and improved worker interaction, **the system aims to prevent accidents, optimize unloading processes, and ensure safer and more efficient industrial operations.**

## The Impact of SMARTSILO

 Accident Reduction	Targets up to ~60% reduction
 Safety Management	Shift from reactive to preventive
 Unloading Efficiency	Improved efficiency and reliability
 Operational Costs	Reduced operational costs and sustainability



## Consortium



Contact Us



<https://smartsilo.gr>

