

Private 5G Smart Port Network – Digital Backbone for Automated Cargo Ports

Sector: Marine infrastructures / Other (Industrial 5G & smart logistics)

Short description of the needs:

Lukoć d.o.o. is developing a private 5G network solution tailored for cargo ports to enable automation, real-time logistics tracking, predictive maintenance, and AI-based security. Existing port communication infrastructure cannot support the requirements of modern smart ports, including ultra-low latency, high reliability, and large-scale IoT connectivity.

The company seeks collaboration with port authorities, industrial partners, and technology providers to deploy and test a pilot 5G network in a real port environment. The project requires integration of IoT sensors, automation systems, and data analytics platforms, enabling efficient, secure, and scalable digital transformation of port operations aligned with EU green and digital transition goals.

More info: For more information apply to iskaric@hgk.hr

Company: Lukoć d.o.o., Croatia

Point of contact for the brief/challenge: HGK - Croatian Chamber of Economy

Company position in the value chain: Tier 1 – 5G infrastructure integrator / smart port technology provider