



SANCHIP



About Us

SanChip is an innovative start-up that works in the Predictive Maintenance (PdM) field dedicated to the analysis of working fluids

Lucca

Parma



Our Mission

- **Real-Time Oil Condition Monitoring** process optimization in energy, industrial, transportation and other fields
- Innovative **IIoT – LabOnChip** devices for real-time and sensitive analysis of the working fluids using **AI algorithms**

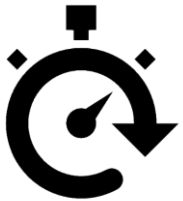


LUBRICANT ANALYSIS

Challenge



Delicate and expensive
sampling phase



Long lead times for
reporting (~ weeks)



Loss of information
between samplings



The Solution



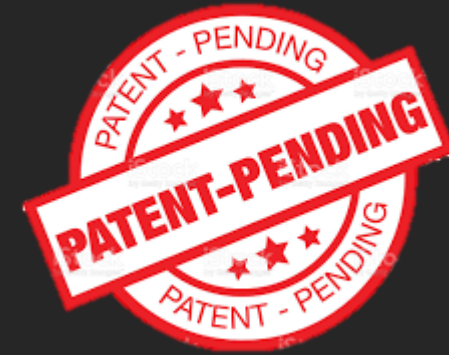
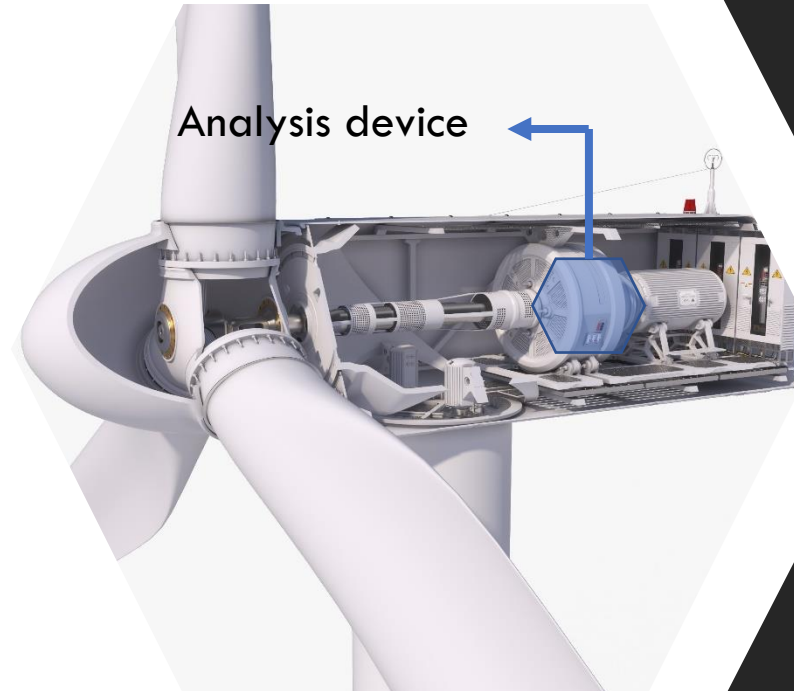
Device embedded



Multiparametric Analysis



Real-time and remote monitoring



Advantages



**No operator needed onsite for sampling
(4.0 Industry)**



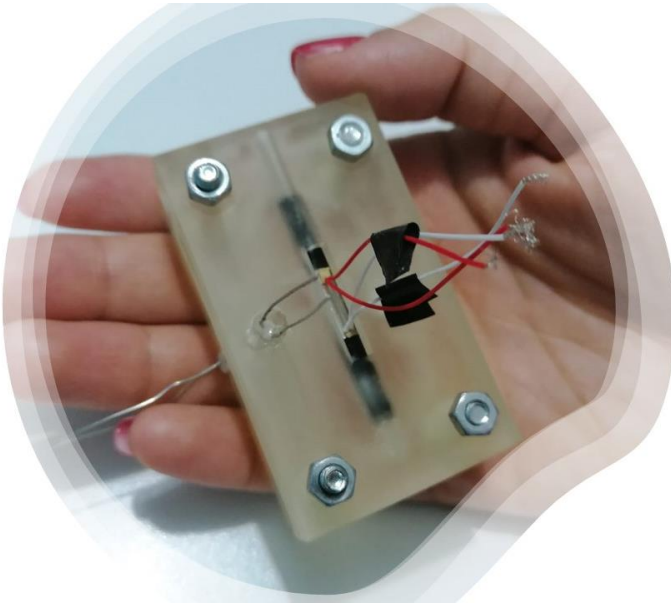
Minimize failures, downtime and repair costs



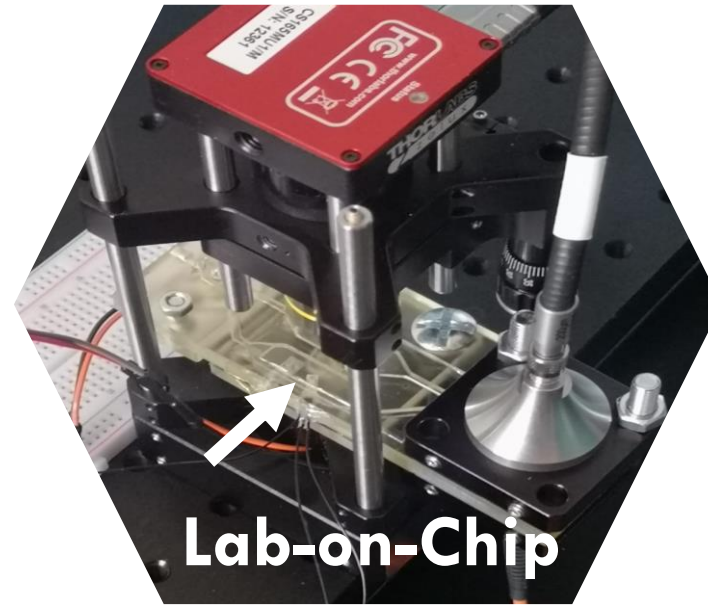
Lubricant useful life extension



Prototypes



- Viscosity
- State of wear
- Water content
- Temperature



- Scattering particle characterization
- Particle shape and dimension
- Chemical characterization
- Colorimetric analysis



Team



Marco Cozzolino, Ph.D.

Chairman

*PhD in Physics
Optic & Spectroscopic fluid analysis
Product development*



Denise Pezzuoli, Ph.D.

CTO

*Ph.D. in Physics
Lab-on-chip technology expert
Electrical analysis*



Leonardo Mattioli

CEO

*M.Sc in Automotive Engineering
Strategy & Business developer
Lubricant Expert*





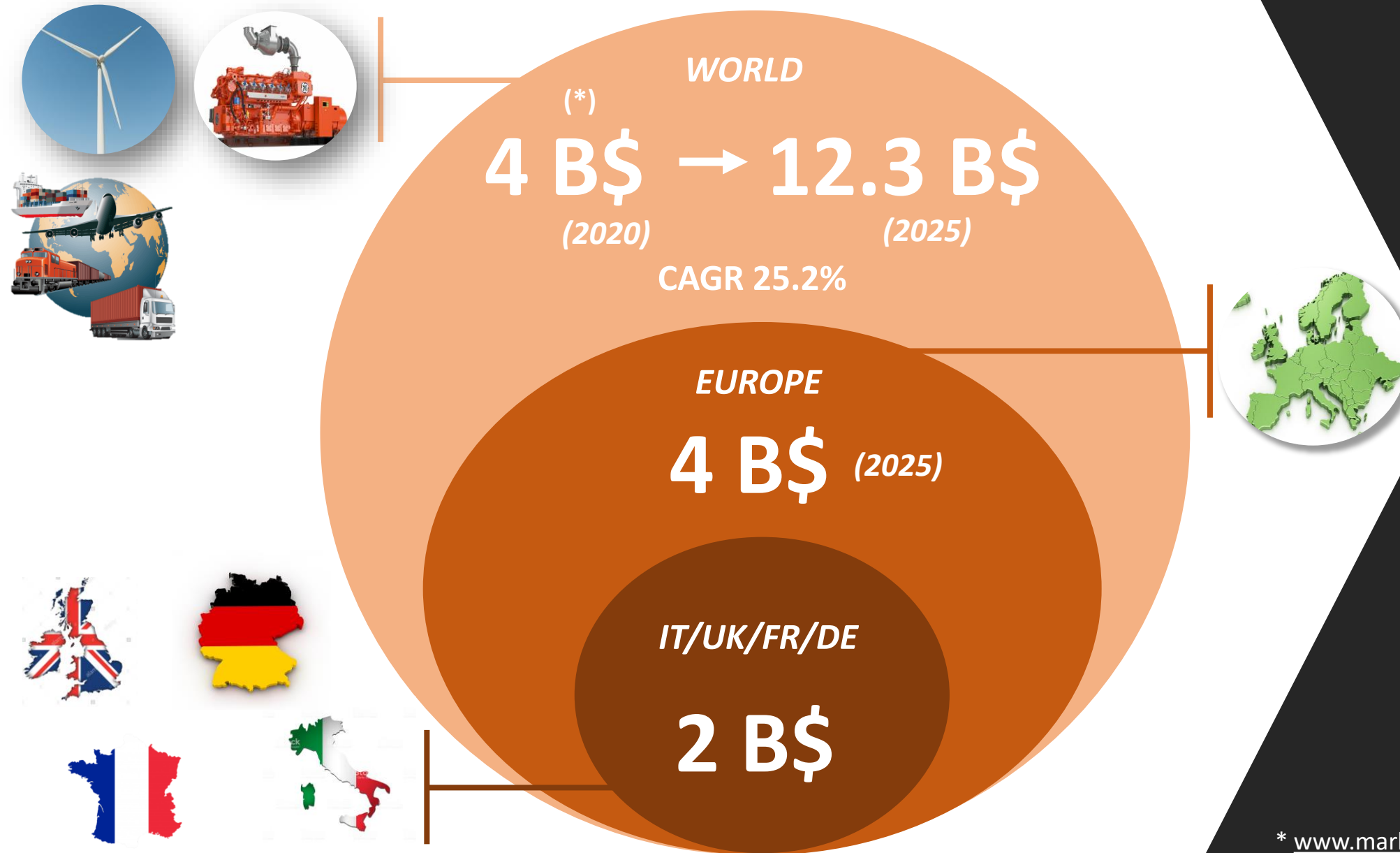
Industrial Co-Founder

*+20 years of experience in industrial PdM & Condition Monitoring field
Background in measuring solutions, IIoT devices and Data analysis
Software*



Predictive Maintenance and Diagnostics

Market



Efficiency

Competitors



Effectiveness



Multiyear Revenue Growth...

Business Model



1. Sales of analytical devices

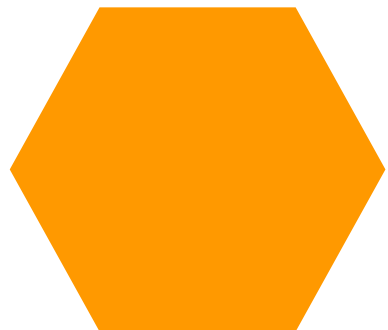


2. Subscription: Device + contract for data interpretation and management.



3. Big-Data Monetization: Sales of reports and trends





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