

Low-friction and high performing dynamics seals to improve the energy efficiency and durability of industrial components



New dynamic sealing generation

Softslide project's main objective is to generate **€60 M** revenue, an EBIDTA of **€19,9M** and **350 new jobs** with the commercialization of SoftSlide's technology. It will positively impact the seal industry by providing around **€3315 M/year in energy savings** for hydraulic and pneumatic end-users.

Energy losses caused by friction within dynamic seals in rotating, moving and reciprocating devices represent up to **25% of total energy consumption**.

SoftSlide project has created a mass production process that transfers **micro-patterns** during moulding stage to obtain low friction, high performing dynamic seals.



save energy



improve performance



increase durability

TransformingEuropeanSealingIndustry

SoftSlide consortium and roles of every partner



We are specialist in **laser engraving** and **laser texturing** on moulds for design new seals.



We are specialist in **characterization of demoulding processes** and **modelling of seal functional behavior**.



We are specialist in **experimental and model based research** on **dynamics** and **tribology** for seals.



We are specialist on the **optimization and industrial scale-up** of the **sol-gel release coatings** for demoulding.



We are specialist in **producing molded and injected seals** for different industrial sectors.

Your Company

Discover how SoftSlide's technology can help your factory to **save energy**, to make **more durable products** and to be **more competitive**.

Any industrial sector that requires a hydraulic or pneumatic equipment



AUTOMOTIVE

Brake systems, engines



FARMING

Hydraulic actuators, engines



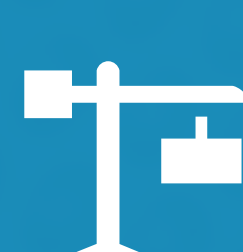
AEROSPACE

Hydraulic actuators, turbines



MINING

Hydraulic pumps and motors



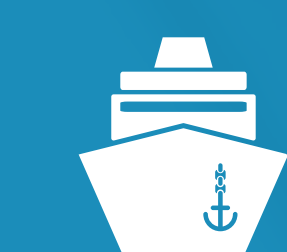
CONSTRUCTION

Hydraulic pumps and motors



OIL&GAS

Hydraulic pumps and motors



MARINE

Hydraulic actuators, engines



WASTE TREATMENT

Hydraulic and pneumatic actuators



European Union

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