



**European Photonics Roadshow  
New Technologies in agriculture &  
food industry**

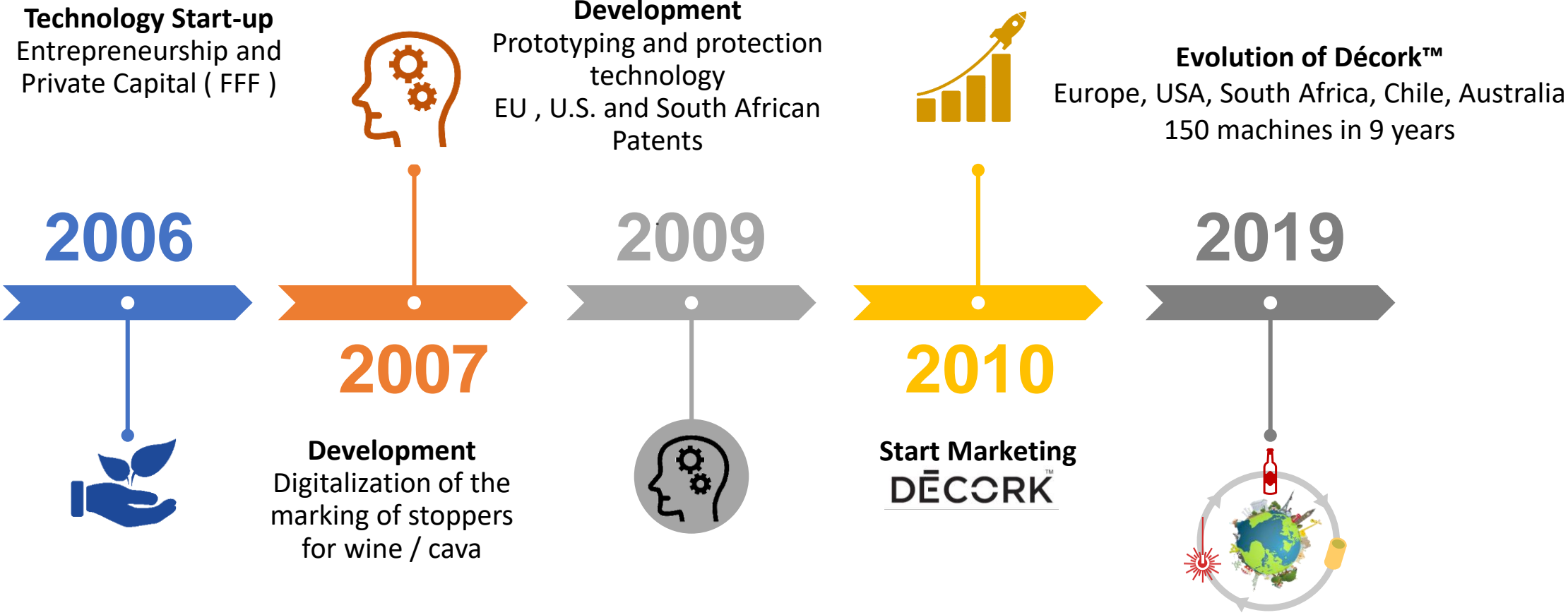
# ONLASER™

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CORPORATE PRESENTATION



# Who are we?





# Challenge : Digitization of the cork stoppers marking process

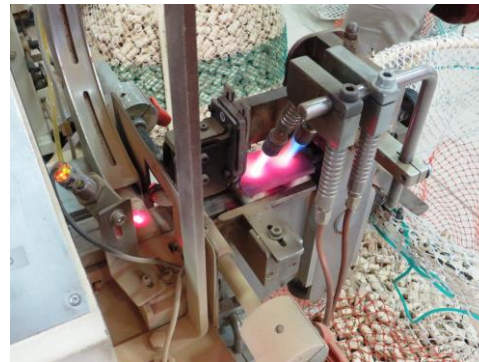
World of wine in continuous change

- Changes in consumers tastes, customs and preferences
- More personalization
- Shorter series
- More attention to packaging from the consumer



Manufacturing methods in 2006 were not suitable for the new paradigm

- Fire marking
- Ink marking



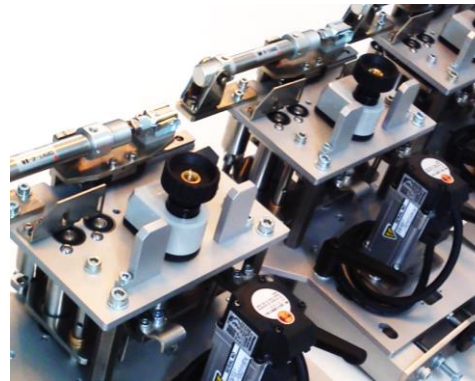
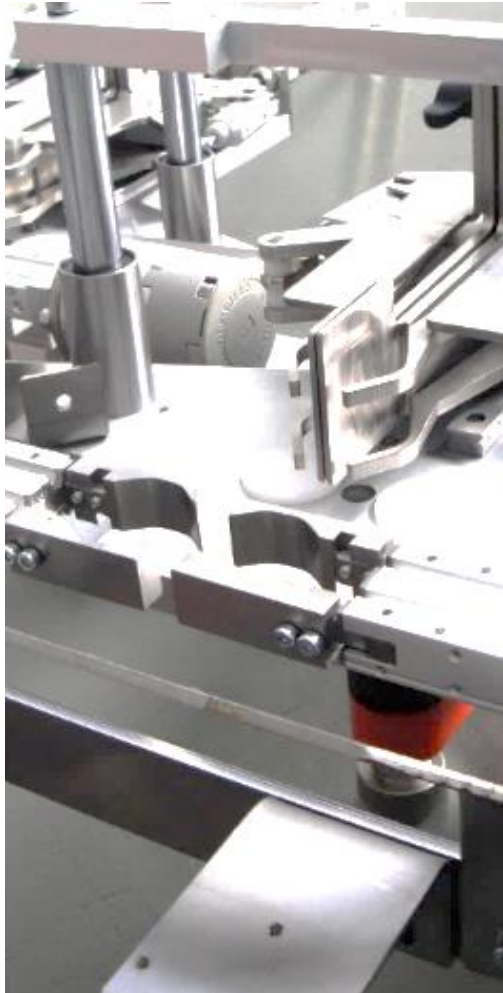


# Solution : High speed Laser marking on cylindrical parts

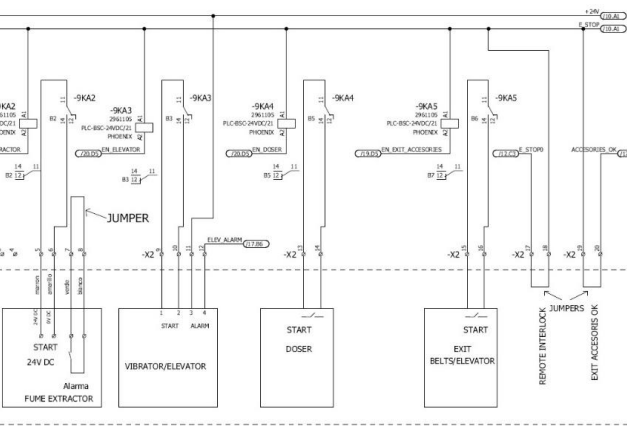
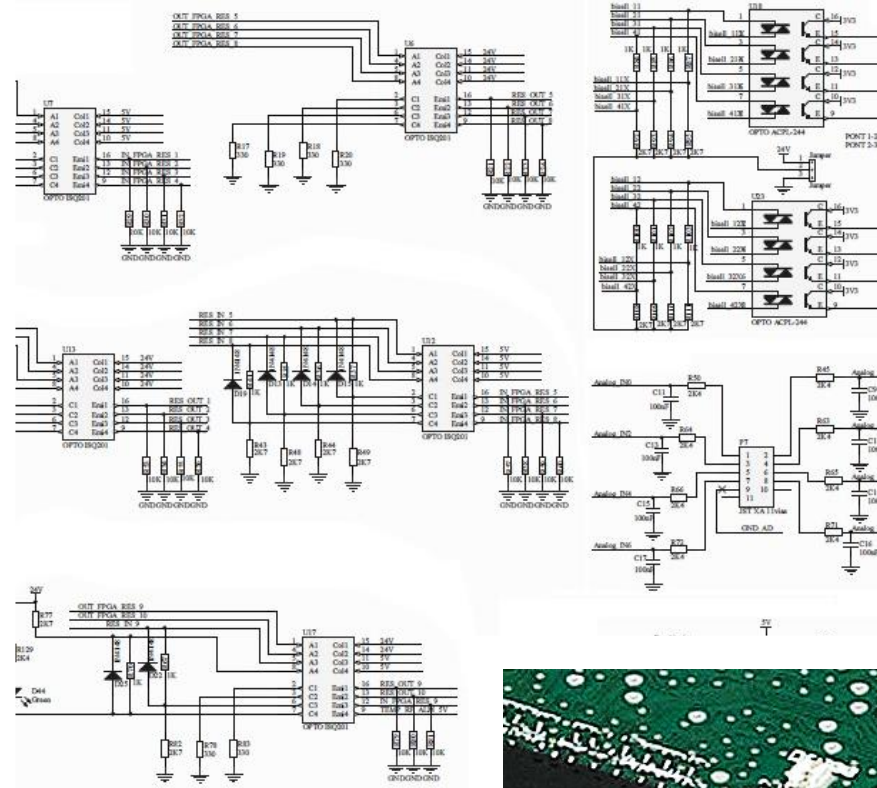


# Tech Mech development

All mechatronics are developed to meet  
application requirements



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# Electronics & firmware

EMBEDDED IP CORES



# Software

- In-house software development
- Proprietary algorithms
- User-friendly UI



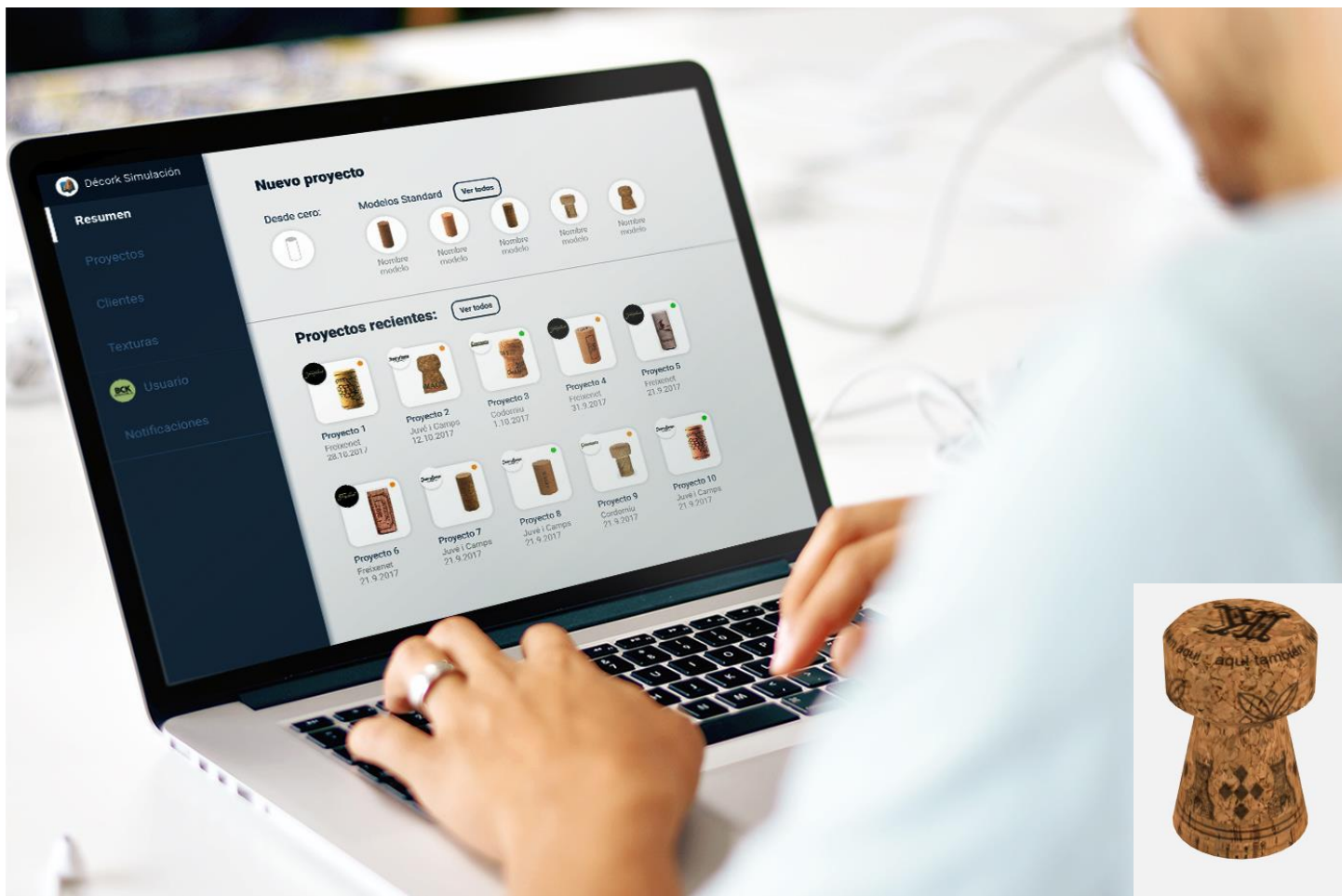
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DĒCORK™

# Cloud & I-4.0

Cork virtualization & simulation

[my.decork.net](http://my.decork.net)



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# On-Laser current projects for Food Industry

- Peeling fruits and vegetables with laser ablation
- Food labelling ( fruit, eggs ) with laser marking



## Packaging

- Laser micro-perforation of plastic bags for fresh products
- Laser sealing of plastic food bags





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