

HOLISUN



On the forefront of EU Research



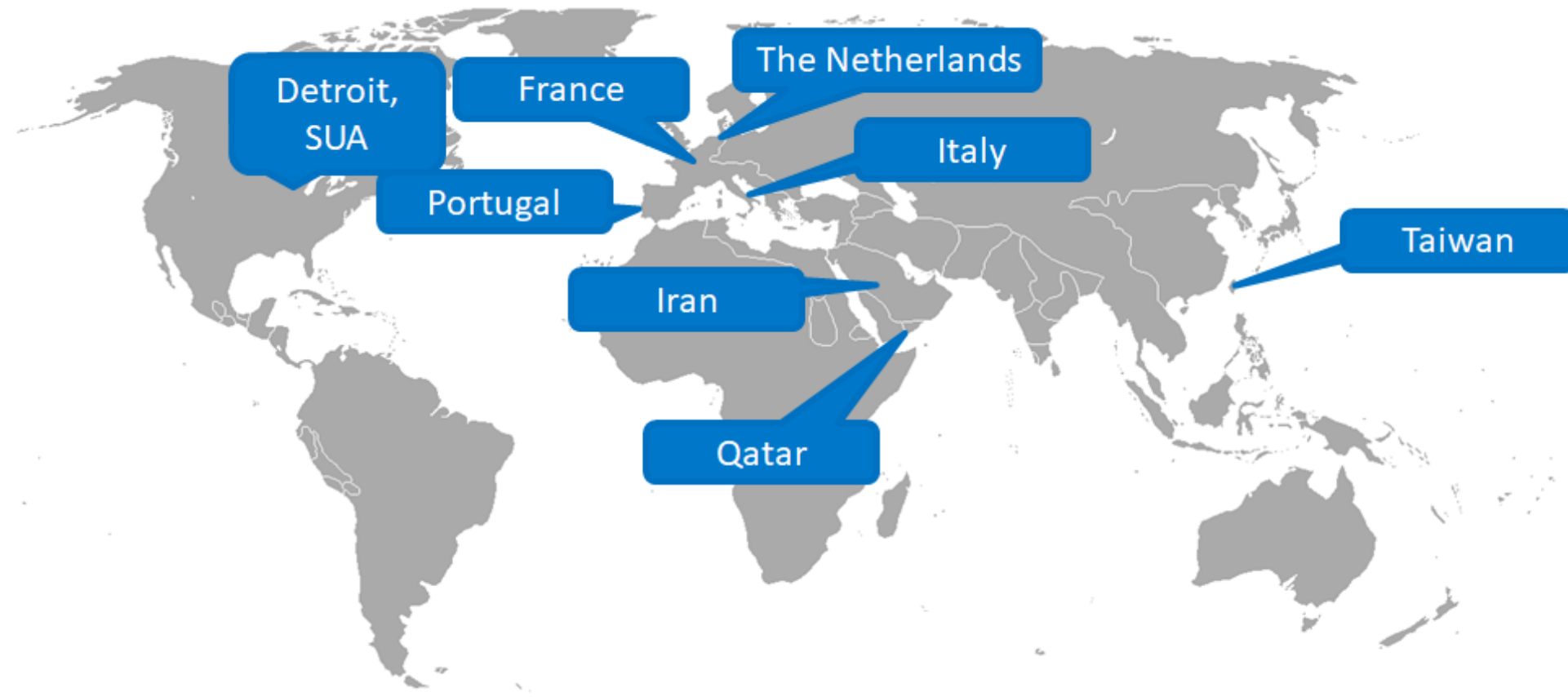
HIGH END SOFTWARE RESEARCH AND DEVELOPMENT

research.holisun.com

HOLISUN

Short description

- **20 years of experience** in **software development** and **research**;
- **partnerships** with **public bodies**, **universities**, **NGO's** and **companies** from all over the World.

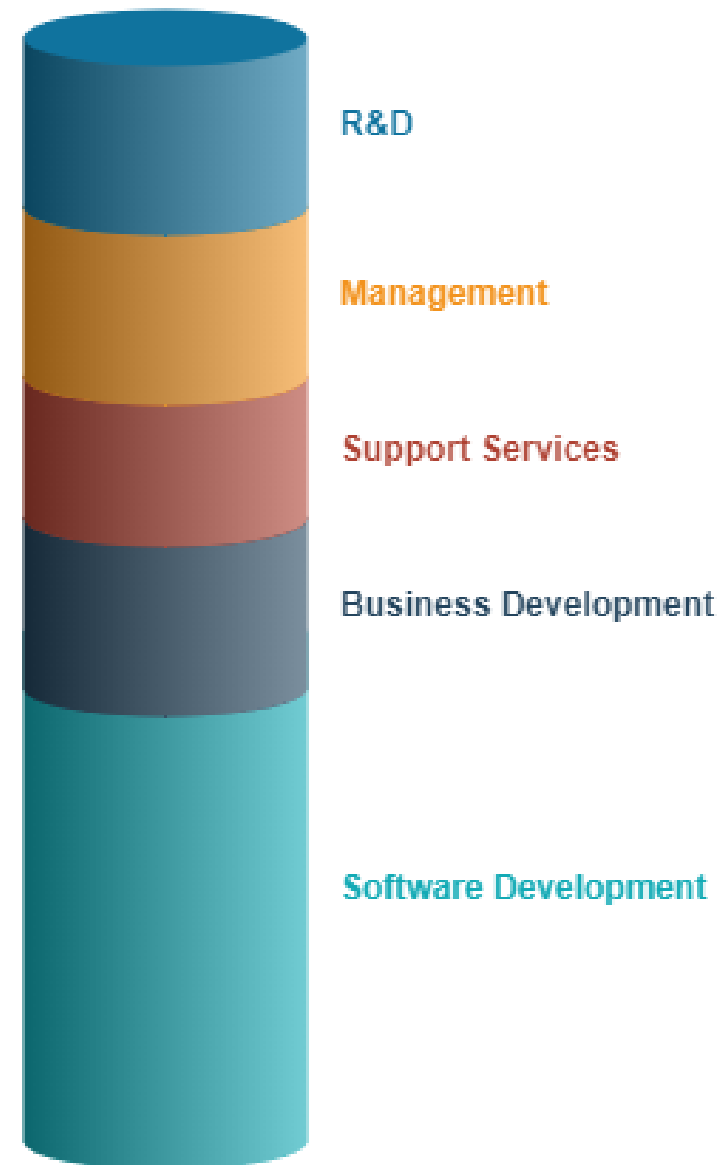


Holisun as a
company

HOLISUN

Key Expertise

- Artificial Intelligence
- Federated/Distributed Learning
- Data Science and Data Analytics
- Machine Learning and Data Mining
- Augmented Reality
- Cloud Computing
- Software architecture and development



Holisun Internal structure and areas of interest

AIRBUS



Electrolux



ONA



DESMA
THE FINEST IN SHOE PRODUCTION ENGINEERING

ekol | LOGISTICS 4.0

Continental

GLOBAL SAFETY TEXTILES

Group
YOUR JOB, OUR WORK

UAC UNIVERSAL ALLOY CORPORATION®
A COMPANY OF MONTANA TECH COMPONENTS AG



**Our Clients
and Partners**

HOLISUN

R&D Projects

2.5M+ EUR
2012 - 2023

UE *fiscdi*



Fondul Social European
POSDRU 2007-2013



Planul Național
de Redresare și Reziliență

2 x **Regio**



HORIZON 2020 x 2

2 x **chist-era**

M-ERA.NET

2 x **ICT AGRI FOOD**

eurostars™

Holisun R&D
Projects

HOLISUN

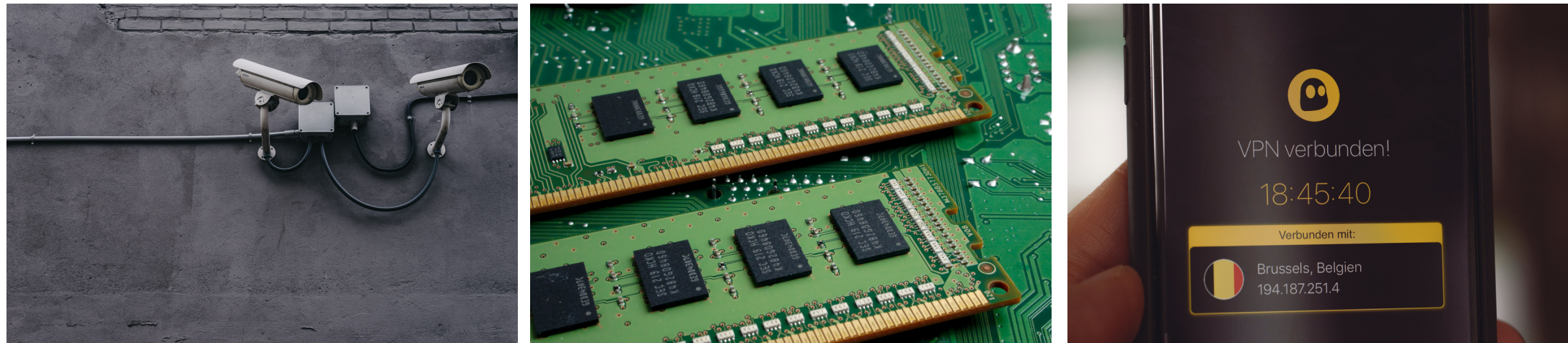
From idea to product



Research and product development

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Cyber Security



- Using A.I. to scan for security related problems
- Monitor application state and integrity
- Securing whole software ecosystems by using digital twin components

BIECO Project

Building Trust in Ecosystems and
Ecosystem Components



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Smart Transportation



- Highly optimized, energy efficient software components for the automotive industry

SDK4ED Project

Software Development toolKit for
Energy optimization and technical
Debt elimination

HORIZON 2020
LE PROGRAMME DE RECHERCHE ET
D'INNOVATION DE L'UNION EUROPÉENNE

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Industry 4.0



- Advanced Telemetry and Remote Assistance with the usage of Smart Glasses.
- Cloud based Face and Object Recognition with serverless components

Functionizer Project

Multi-cloud & serverless deployment optimisation platform for data-intensive computing



eurostars

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Smart Agriculture



- AI-driven algorithms for yield prediction of mushrooms
- ICT platform to exchange data and information from production to points of sale along the entire value chain of mushrooms;

MUSHNOMICS Project

Unlocking data-driven innovation for improving productivity and data sharing in mushroom value chain



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Smart Agriculture



- Optimization of the cultivation process in any hydroponic installation

-Development of an easy-to-use e-agronomist which will assist any grower

GOhydro Project

A smart-sensing AI-driven platform for scalable, low-cost hydroponic units



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Smart Logistics



- Smart optimizations for multi-modal transportation systems
- Improved transport capacity and faster delivery
- Greener technology for the future by implementing A.I. components

Big-Smart-Log Project

The Use of Big Data Analytics for
Process Modelling in Smart Logistics
Operations



chist-era
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Smart Cities

- Methodological Framework & Climate-Neutral City Governance
- Collaboration Platform & Climate Action Services



NetZeRoCities Project

Competence Center for Research-
Development-Innovation of Climate
Neutral and Net Zero solutions for
Intelligent Cities



Planul Național
de Redresare și Reziliență

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Collaboration Models

Publicly funded R&D

- EU grants: **Horizon 2020, CHIST-ERA, Eurostars, ICT-Agri-Food**, etc
- Private partnerships
- Other projects involving software research and development

Collaborate
with us

THINK
OUTSIDE
THE BOX



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