

LIFE CYCLE ENGINEERING Empowering your positive impact

TOOL FOR ENVIRONMENTAL ANALYSIS

upgradeable with social, safety and quality assessment options

OUR WEB-BASED AND EXCEL-BASED PLATFORM FOR DEVELOPING CSR/LCA & EPD TOOLS

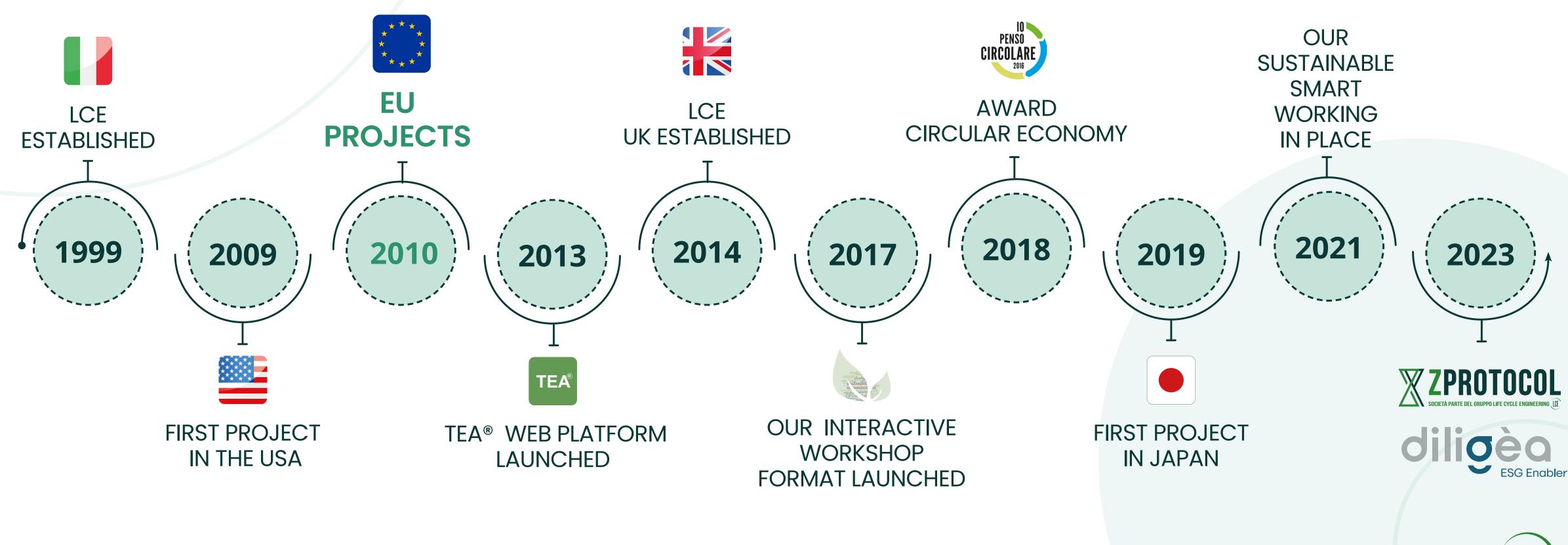
CSR/LCA & EPD

Corporate Social Responsibility Life Cycle Assessment & Environmental Product Declarations



LIFE CYCLE ENGINEERING Our Milestone

Life Cycle Engineering (LCE) is an independent consulting firm, providing **professional solutions and tools** for Life Cycle Assessment (LCA), eco-design, environmental communication and regulatory compliance to private companies and business associations





ZPROTOCOL & DILIGEA

As a **team of experts** from different but complementary realities, **we tackle sustainability issues together** with an integrated, entrepreneurial approach.

ZPPROTOCOL is an **IT company** specialized in the development of **customized web or Excel based platforms** to support data collection and sustainability analyses of products and processes.

ZPROTOCOL

DCIETÀ PARTE DEL GRUPPO LIFE CYCLE ENGINEERING

After about **ten years** of collaboration, ZP joined the LCE Group in 2023 to improve the development of **TEA platforms**.

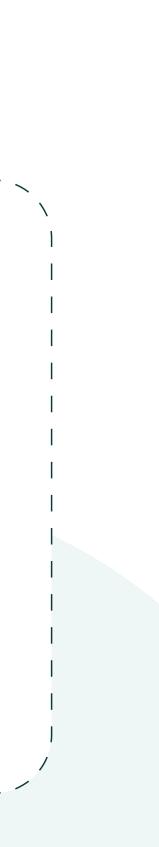


diigeed ESG Enabler

Established in **2023** with BGR Tax & Legal, a tax consultancy firm with offices in Turin and other Italian cities, **DILIGEA is a boutique consulting firm** that offers integrated support and assistance services on **environmental**, **social**, **and governance issues**.

In response to the clear market demand for a single provider of **ESG services**, the existing collaboration between LCE and BGR has now been strengthened and enhanced.

www.diligea.com 💥





ZPROTOCOL Our Team

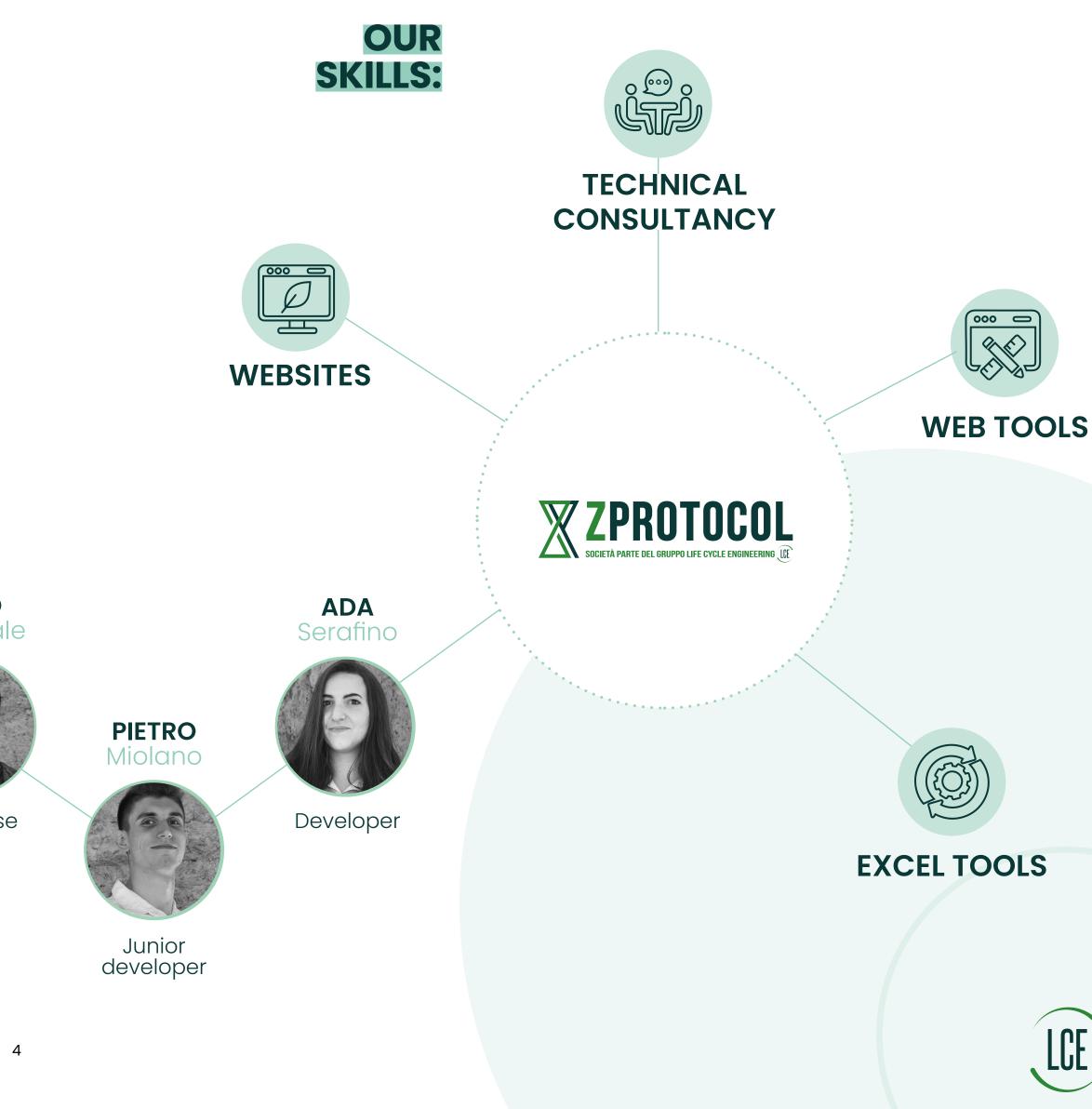
ZProtocol Srl was born on 1 March 2017 from the union of passions and IT and design skills.

In order to better follow increasingly large and structured customers and projects, the ZProtocol team has expanded and since November 2023 has joined the Life Cycle **Engineering group**, historic customers and now partners.



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LIFE CYCLE ENGINEERING Our Team

On specific fields

communication,

environmental law

LCA/EPD/CSR analisys

eco-labelling, carbon

and webtool, eco-design,

footprint, environmental





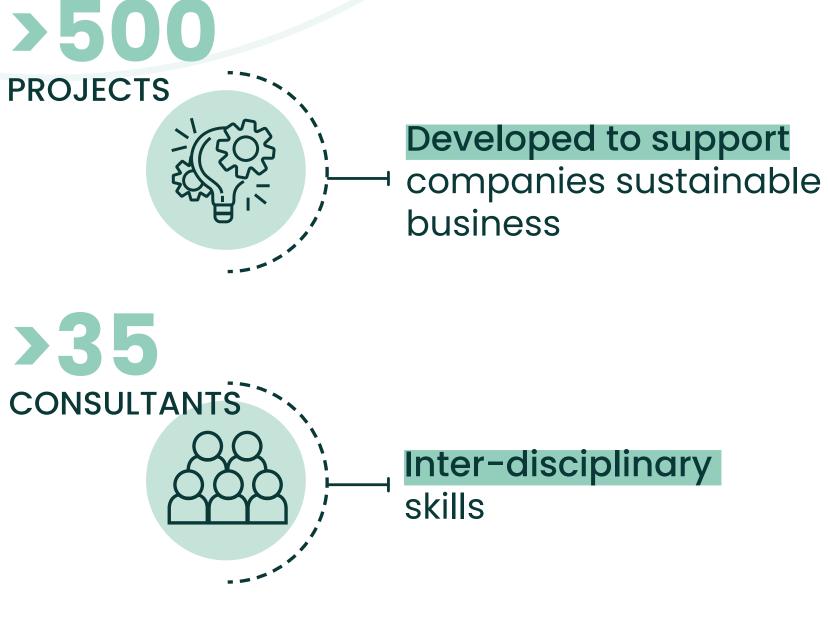


RICCARDO Environmental Engineer



MASSIMO Energy Engineer





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YEARS OF

EXPERIENCE

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LAURA Management Engineer



GIAMMARCO Environmental Scientist





PAOLA Administration and Human Resources



ASSUNTA Environmental Engineer



SARA Graphic Designer

CHIARA

Chemical

Engineer

MARTINA

Environmental

Scientist

MYRTA

Communication

Assistant



GIULIO

Environmental

Economist

STEFANO

Mechanical

Engineer

ELISA Materials Engineer



ELISABETTA Environmental Scientist



FRANCESCA Industrial Ecologist



FABRIZIO Environmental Engineer



ALICE Materials Engineer



DAVIDE Energy Engineer



MAURIZIO IT and Web Developer



ELENA Communication Assistant



PAOLA Chemist

ALESSIA

Graphic

Designer



SIMONA Accountant Assistant



MASSIMO Graphic Designer



SONIA Environmental Engineer



ALESSANDRA Industrial Chemist





STEFANIA

FRANCESCA Communication Assistant



LORENZO Environmental Scientist





GIAN LUCA LCA Engineer

















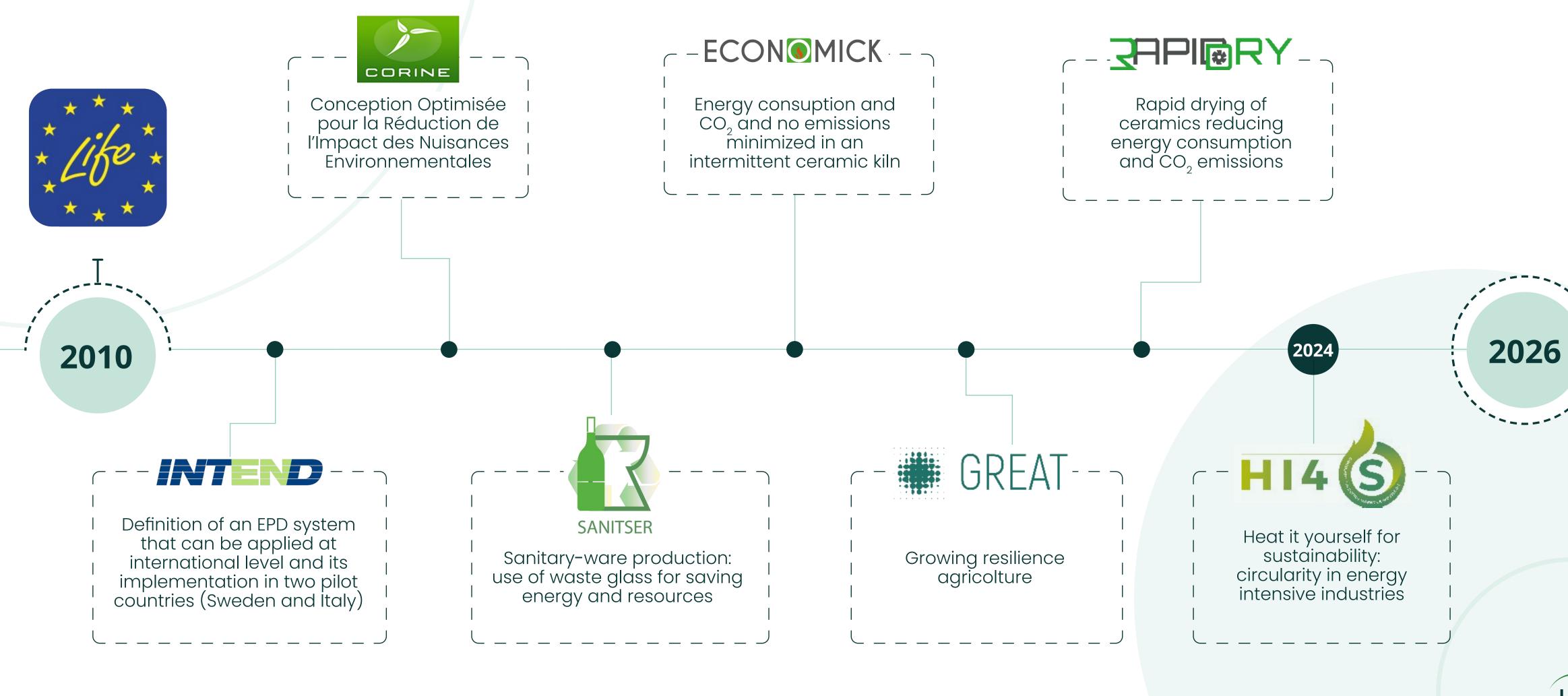
EUROPEAN PROJECTS Focus

LCE owns **extensive and relevant experience** in participating in European and International projects (i.e. H2020, LIFE, INCO, CRAFT, INTERREG, and GROWTH) and is currently involved in several Horizon 2020 as well as LIFE+ projects.





EUROPEAN PROJECTS Focus – LIFE



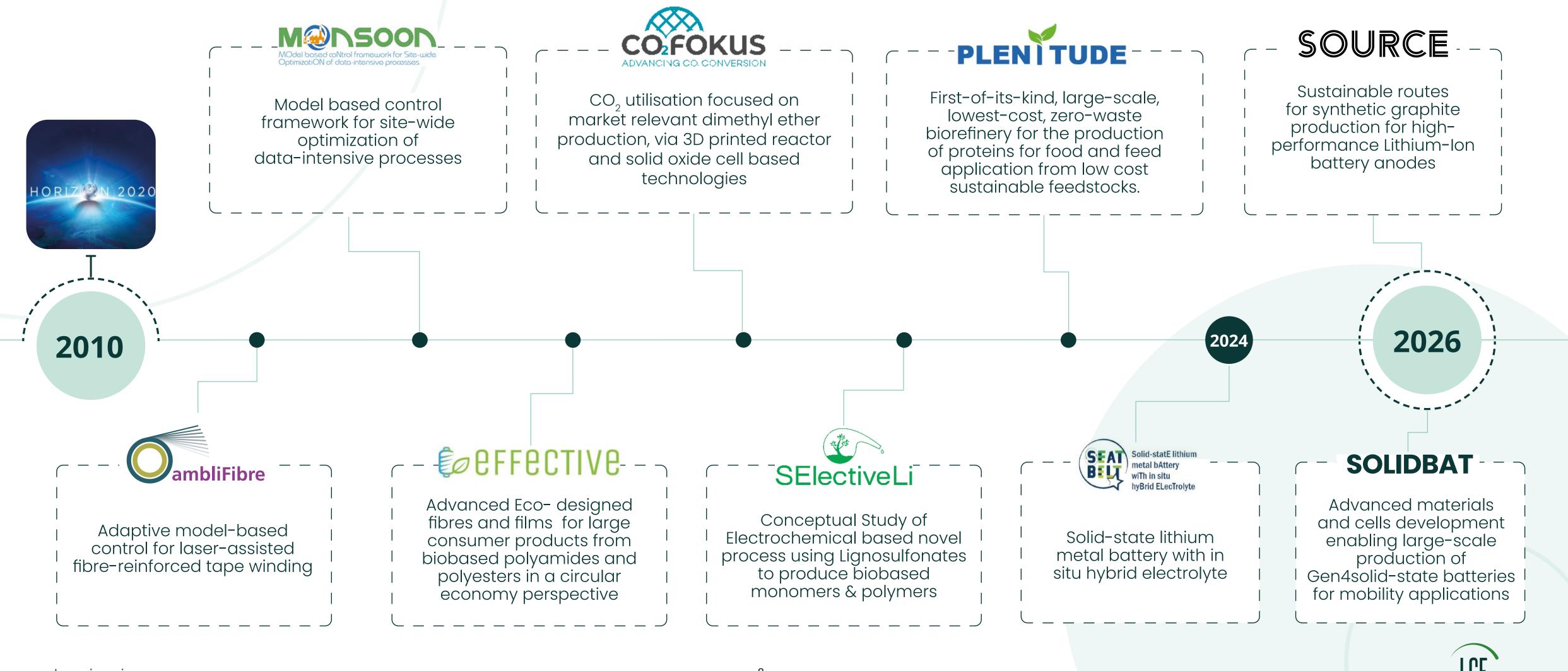
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EUROPEAN PROJECTS Focus - HORIZON 2020







INTRODUCING TEA® THE CONTEXT WHERE TEA® OPERATES

Tool for a **life cycle-thinking environmental analysis,** upgradeable with social, safety and quality assessment options.





INTRODUCING TEA® CYCLE-THINKING EN

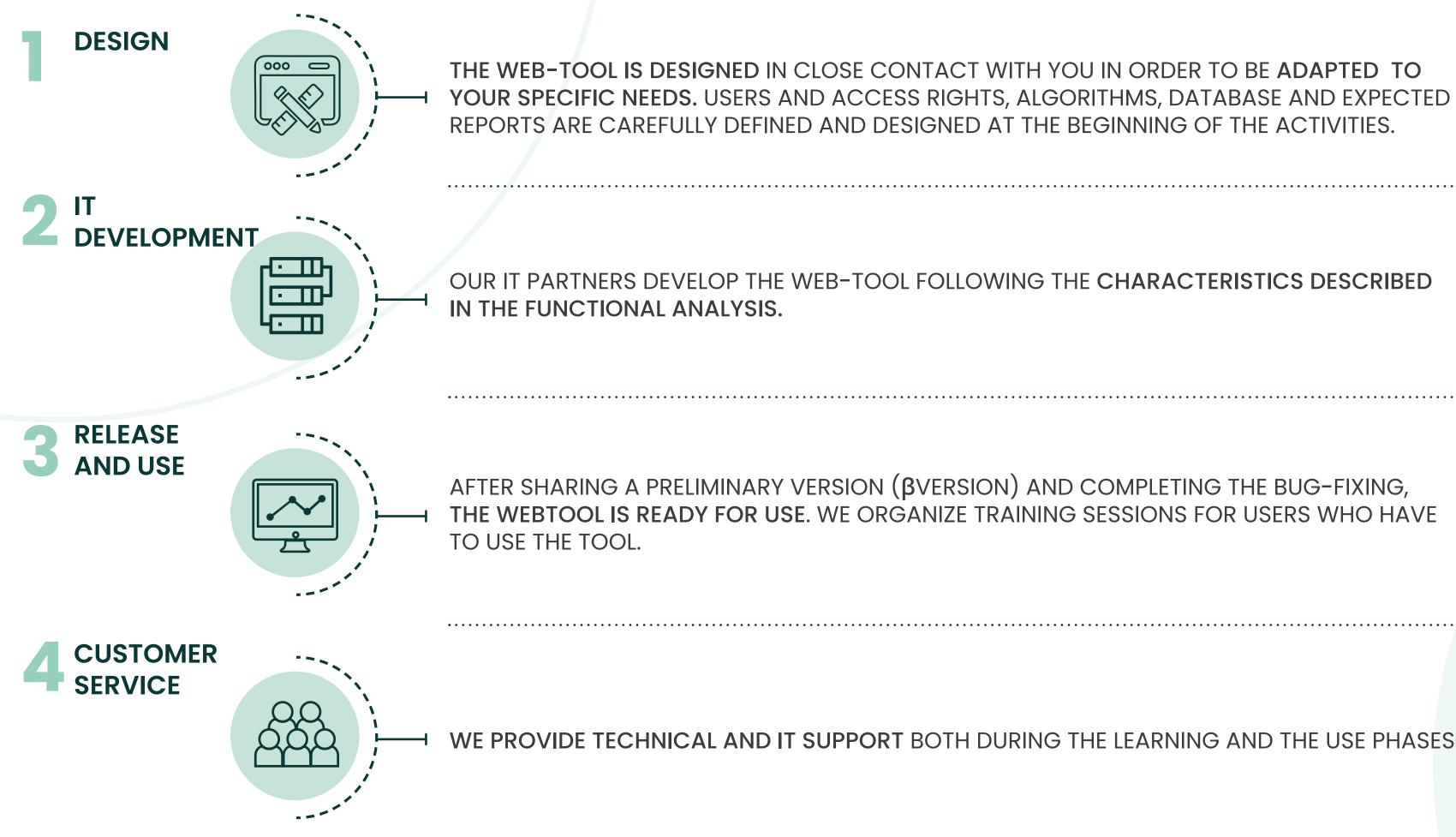
TEA® is a web-based platform that support companies in process/product data collection and analysis and give back suitable assessments such as LCA/CSR reports and EPD's for management and communication purposes.



about environmental, economic and social aspects. A customized database is shaped to collect useful information and data to elaborate performance Indicators for several purposes: CSR, LCA, EPD, LCC, SLCA and circular



HOW TEA® WAS BORN AND WORKS TO DEVELOP A CUSTOMISED VERSION OF TEA \approx 6 MONTHS



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Data collection by multi-sites companiers (on-line questionnaires) **Customized environmental** (LCA) data base by sector **Elaboration of indicators** and reports Communication, Green marketing, positioning also by means of suitable certification *----



INTRODUCING TEA® EXCEL-BASED OR WEB-BASED TOOL

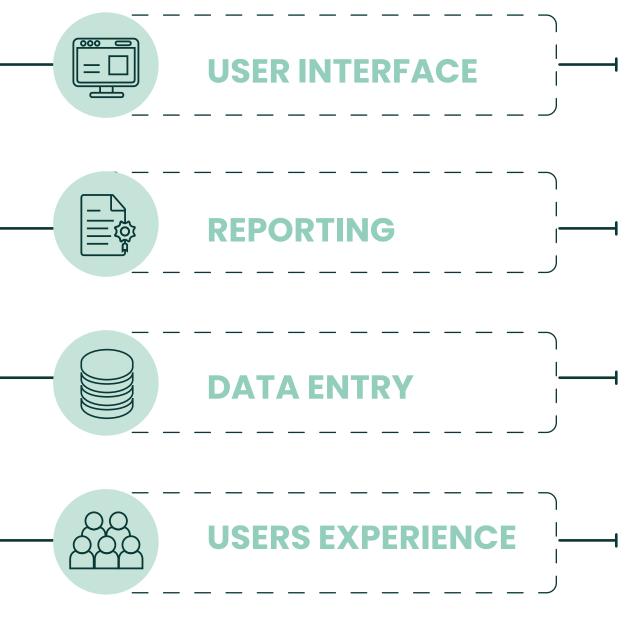


Spreadsheet with **optimized interface** through controls and buttons

> LCA Results in **PDF format**

Manual data entry into the calculation form for each product

Suitable for an **expert user** who knows deeply the production process (e.g. product manager)









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Web page with login information, company's brand identity **customized**

> LCA Results on **web page**, exportable in various formats

Primary data automatic update, preloaded in the tool with predefined and verified procedures

Suitable for a **less expert user** with basic knowledge of processes and products (e.g. sales)

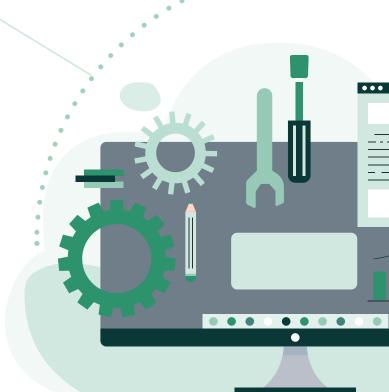


INTRODUCING TEA® THE TOOLS WE PROPOSE





Certification and quality management







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LCA for product R&D and EPD



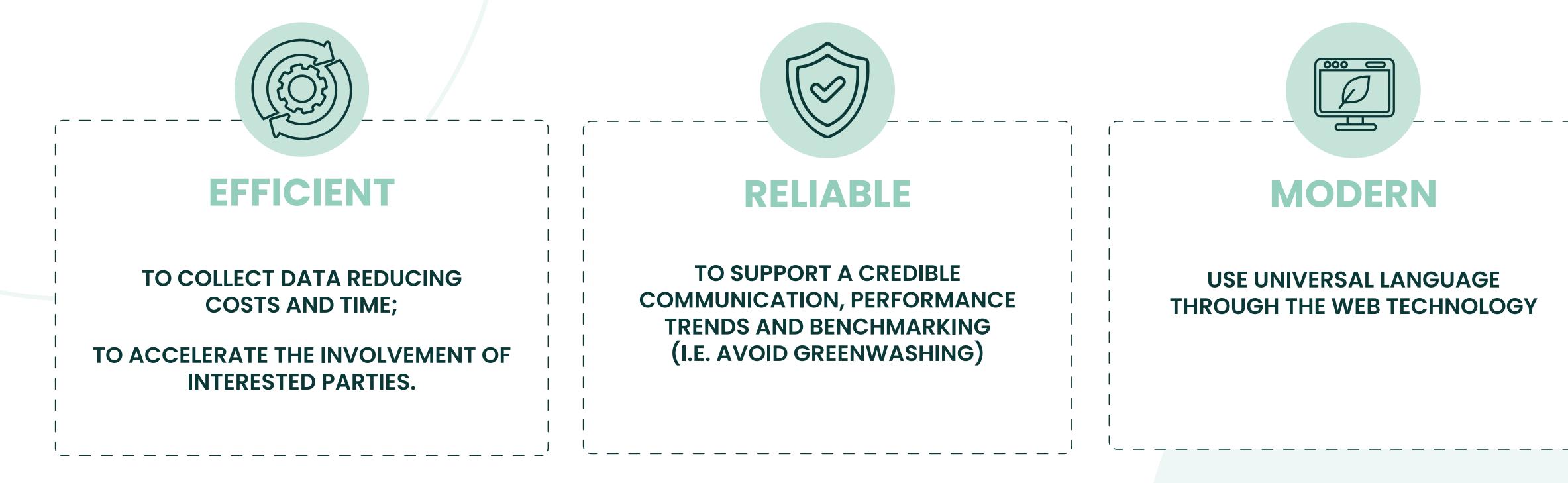
Organizational

social and environmental impacts





TEA® ADDED VALUE TEA® IS NOT SOMETHING NEW, IT IS SOMETHING EASIER





READ MORE

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