

CIRTEM⁺

POWER OPTIMISED



February 2024

Power electronics
System engineering
R&D teams

Objective : Create **power converters** and **global solutions** for
an **optimized management** of **electric energy flow**



CIRTEM - Sainte-Foy-d'Aigrefeuille (Toulouse)

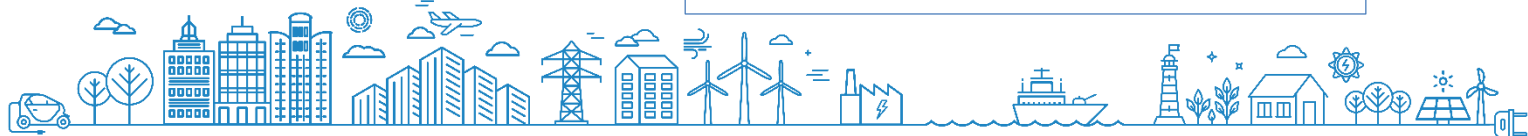
Manufacturing



- ✓ Turn over 2023 5,8 millions €
- ✓ 49 employees, incl 23 R&D
- ✓ Premises 2 400 m²
- ✓ **Small & Medium volumes**
- ✓ Location Toulouse area
- ✓ ISO 9001 (2021)
- ✓ Innovative applications
- ✓ Demanding markets

French Clusters

MEMBRE DE

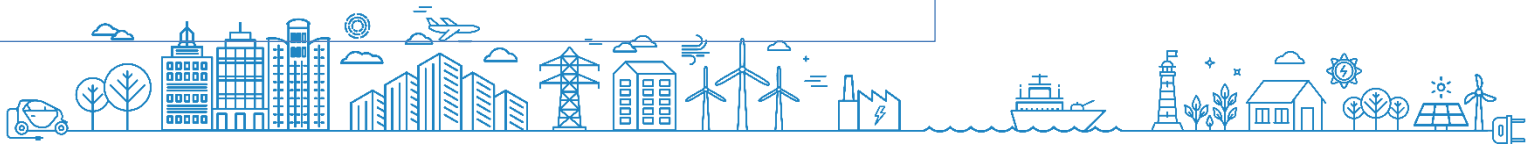


CIRTEM - POWER ELECTRONICS SPECIALIST

Our plant – Our Team

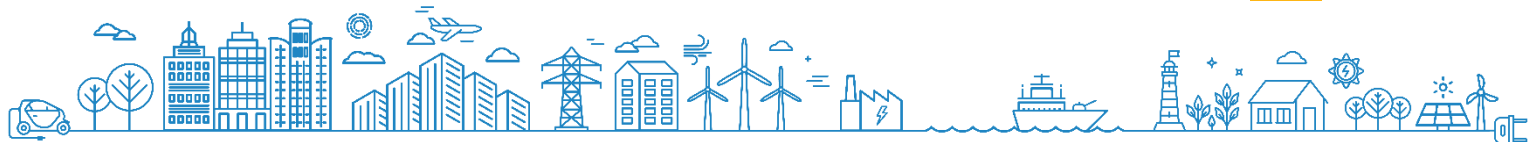
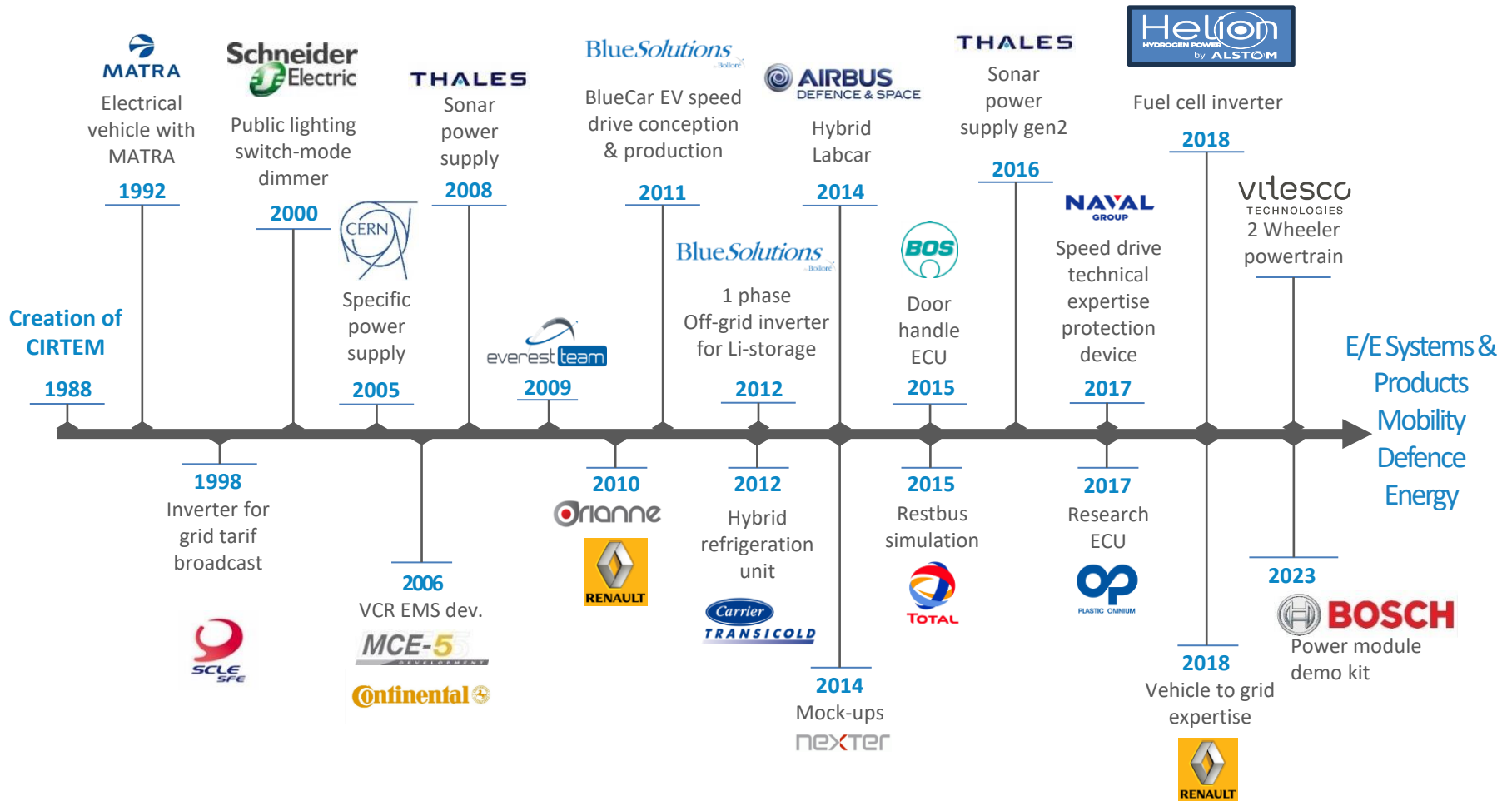


- ✓ New building 2025 - 3 200 m²
- ✓ SMD line
- ✓ Automated assembly lines




History

Customers - Company key events



Markets

Multi-sectorial approach




Mobility 50%

Speed drives

DC/DC

OBC & CHARGERS

ICE & Hybrid Control




Defence 25%

Onboard network

Powertrain

Storages

Protections




Electric infrastructures
15 %

Smart Grids

Micro Grids

Railway

Fast charging



Industry 10%

Process Power Supply

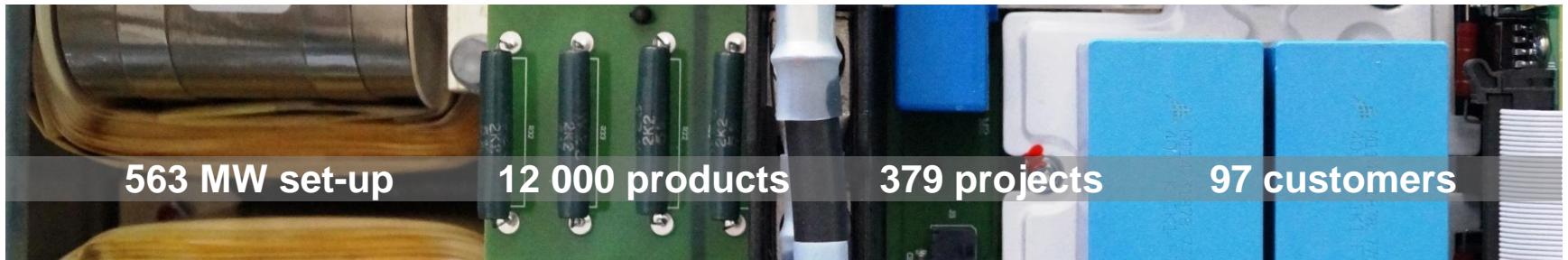
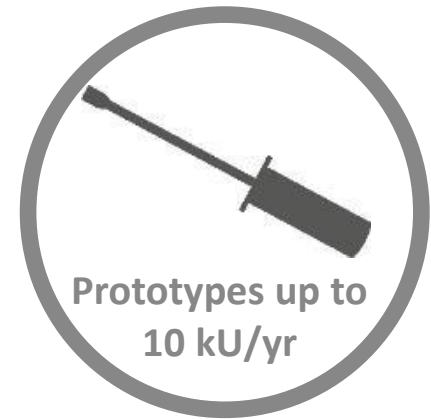
Ozonation

HV power supply

Induction



Power Converters and Electronic Equipments



Mission
Added value

System Engineering

Architecture optimization
Tailored help
Preliminary specification

Development

Simulation
Power design
Mechatronics
Software
Qualification

Production

Small and mid series
One-shot product
Prototypes

Build-to-print

Specialized subcontracting
Test bench development



Pre-study

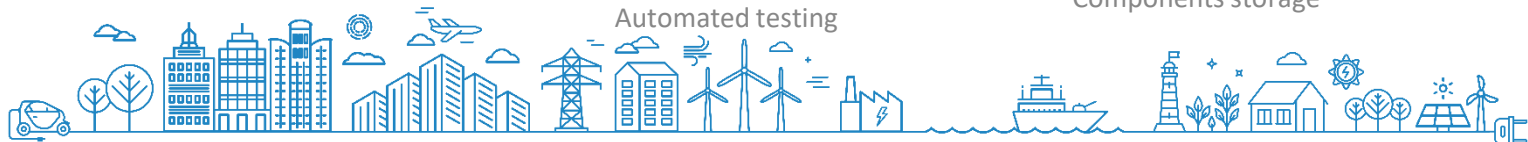
Technical feasibility
Budgetary cost
Detailed specification

Industrialization

Optimized supplies
Semi-automated assembly
Automated testing

MCO

Obsolescence monitoring
Redesign
Components storage





Contact

Marketing & Sales director

Thibaut KEIN

 +33 788 058 205

 t.kein@cirtem.com



www.cirtem.com