



July 2026

Power electronics
System engineering
R&D teams



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

Manufacturing



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

- ✓ Turn over 2025 6,3 millions €
- ✓ 55 employees, incl 30 R&D
- ✓ Premises 3 600 m²
- ✓ Small & Medium volumes
- ✓ Location Toulouse area
- ✓ ISO 9001 (2021)
- ✓ Innovative applications
- ✓ Demanding markets

French Clusters



CLIENTS

Our customers



THALES



NAVAL
GROUP

nexTER
A COMPANY OF
K+N
D+S



BlueSolutions
Bolloré



SCHAEFFLER

FEV



FOUNTAIN PAJOT

bluebus



ALSTOM

NXP



Schneider
Electric

LIEBHERR



Carrier
TRANSICOLD

ACTIA



xylem
Let's Solve Water

Formulaction

Circuitor



Markets

Multi-sectorial approach



MOBILITY

Speed variators

DC/DC & Chargers

ICE & Hybrid Control

Supervision



DEFENCE

On-board networks

Powertrain

Storage

Protections



ELECTRICAL INFRASTRUCTURE

Smart Grids

Micro Grids

Rail

Fast charging



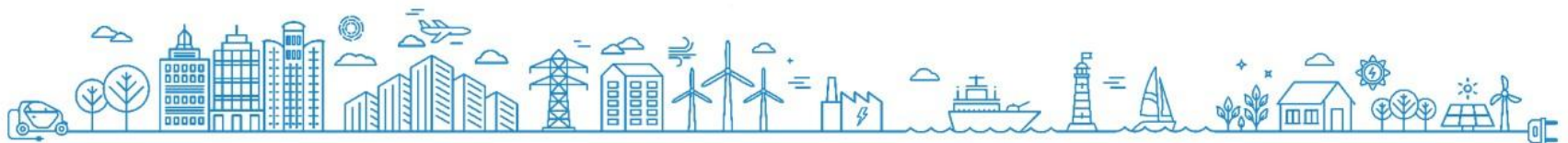
INDUSTRY

Process Power Supply

Ozonation

High voltage power supply

Induction



Products

Innovation – Development – Manufacturing

Power Converters and Electronic Equipments



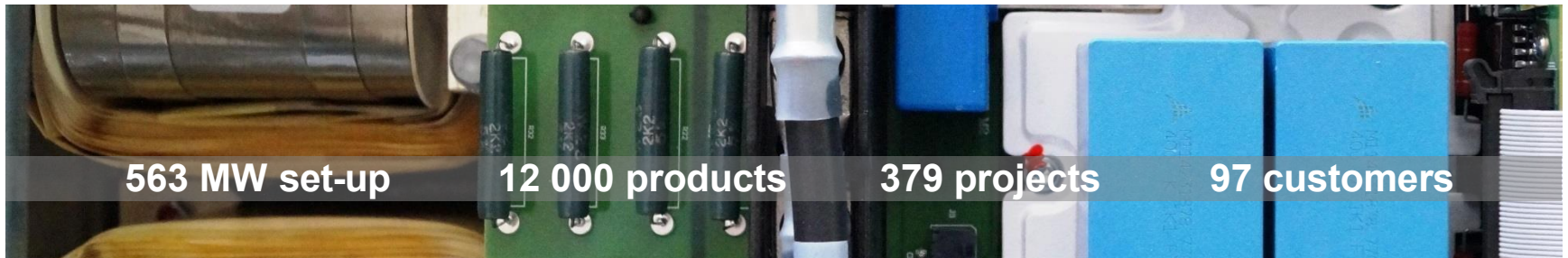
5 kW to 5 MW



50 V to 50 kV



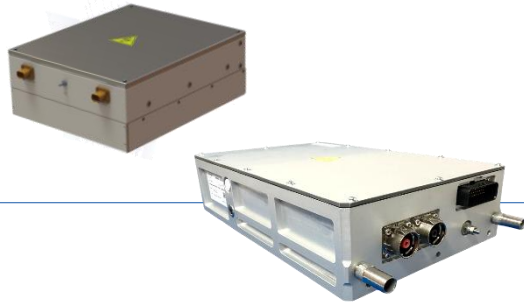
Prototypes up to
10 kU/yr



Products

Innovation – Development – Manufacturing

INVERTERS – MOTOR DRIVES



PDU's

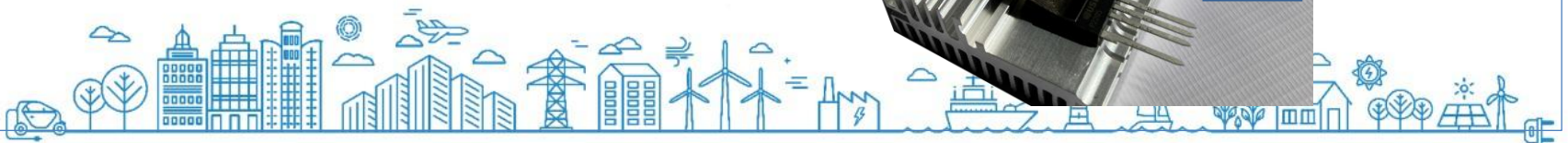


DC/DCs - CHARGERS



CIRTEM develops and manufactures innovative Power Converters for optimized electrical systems:

- ✓ Development on specification with latest technologies
- ✓ Off the shelf product customization
- ✓ Built to print manufacturing



Mission

Added value

System Engineering

Architecture optimization
Tailored help
Preliminary specification

Development

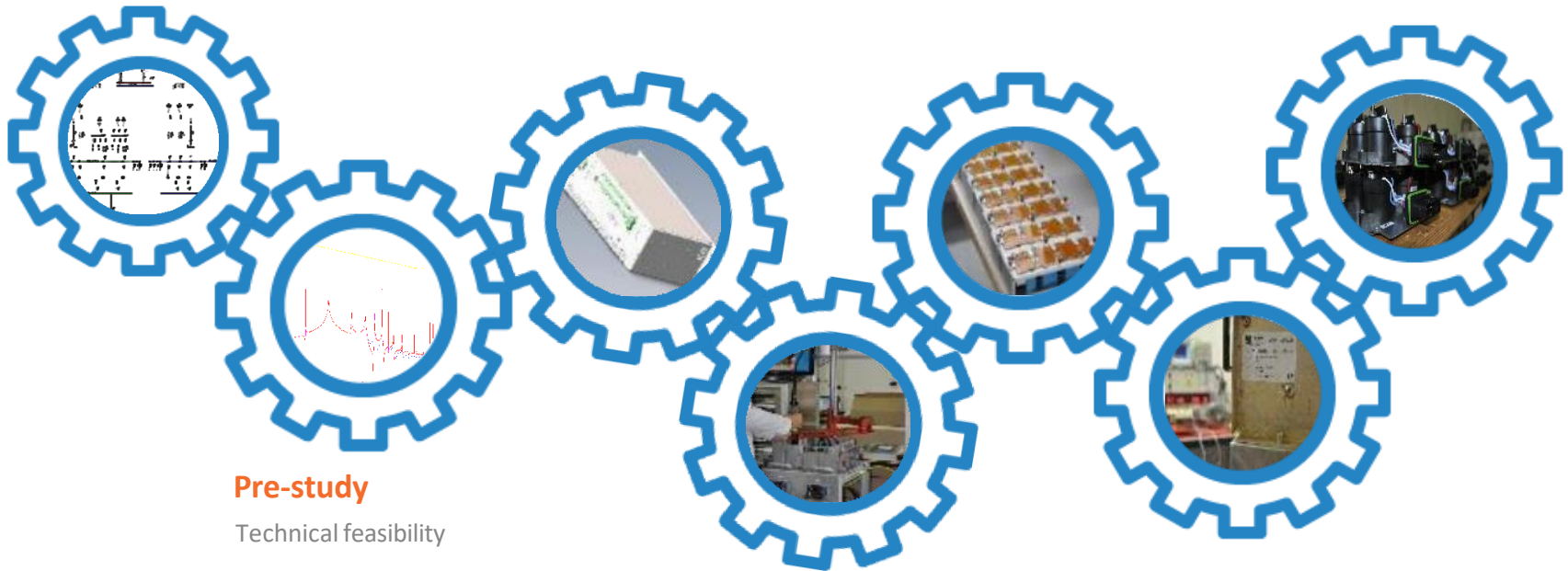
Simulation Power
design Mecatronics
Software
Qualification

Production

Small and mid series
One-shot product
Prototypes

Build-to-print

Specialized subcontracting
Test bench development



Pre-study

Technical feasibility
Budgetary cost
Detailled specification

Industrialization

Optimized supplies
Semi-automated assembly
Automated testing

MCO

Obsolescence monitoring
Redesign
Components storage



PRODUCT HIGHLIGHTS
AUTOMOTIVE



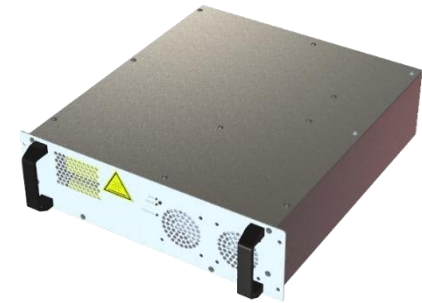
ONEBOX 800 V COMBO (DEVELOPMENT + PROTOTYPE)
200 kW INVERTER + 22 kW BI-DIR OBC + 12V DC-DC



PRODUCT HIGHLIGHTS
MOBILITY



25 kW 400V/800V **RUGGED FAST CHARGER**



THALES

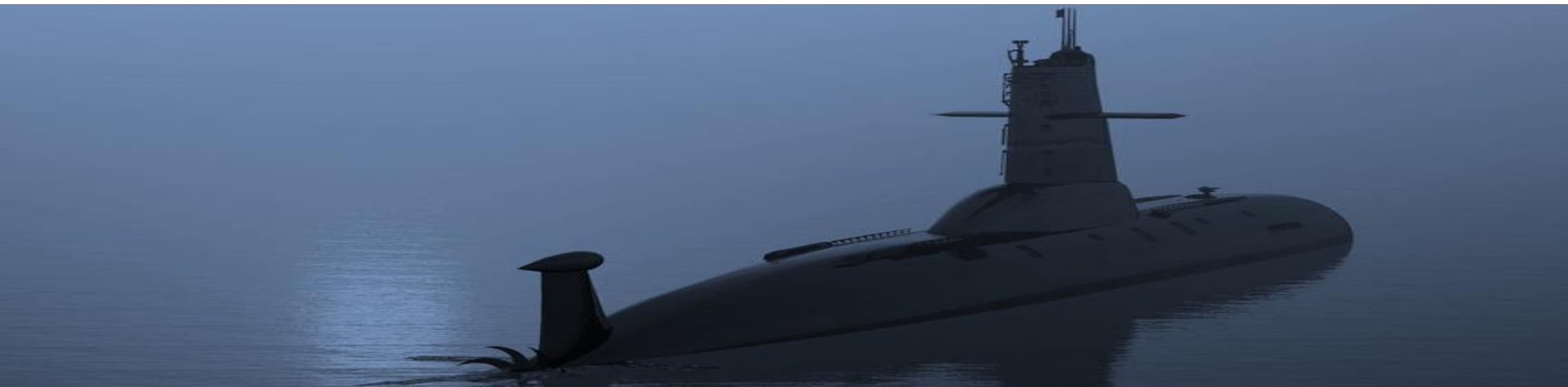
SONAR 40 KW POWER SUPPLY MODULES FOR NAVY SHIPS



PRODUCT HIGHLIGHTS
DEFENCE



VARIOUS DC/DC, AC/DC & INVERTERS FROM 25KW UP TO 150 KW



PRODUCT HIGHLIGHTS

MARINE MOBILITY



50 kW PROPULSION & 12V/230V ON BOARD GRID ALL-IN-1 SYSTEM



Leopard 45



Austréa 42



Samana 59



Elba 45



Dufour 470



Dufour 530



Aura 51

PRODUCT HIGHLIGHTS
INDUSTRY / RESEARCH

CIRTEM⁺
POWER OPTIMISED



LHC CERN PARTICLE ACCELERATOR 400 POWER SUPPLY MODULES





Contact

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