



END OF STUDY INTERSHIPS BOOK 2022 - 2023

COFICAB is your leading global partner in the design,
manufacturing and sales of cables and wires.



WWW.COFICAB.COM



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END OF STUDY INTERNSHIPS BOOK | 2022-2023



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01

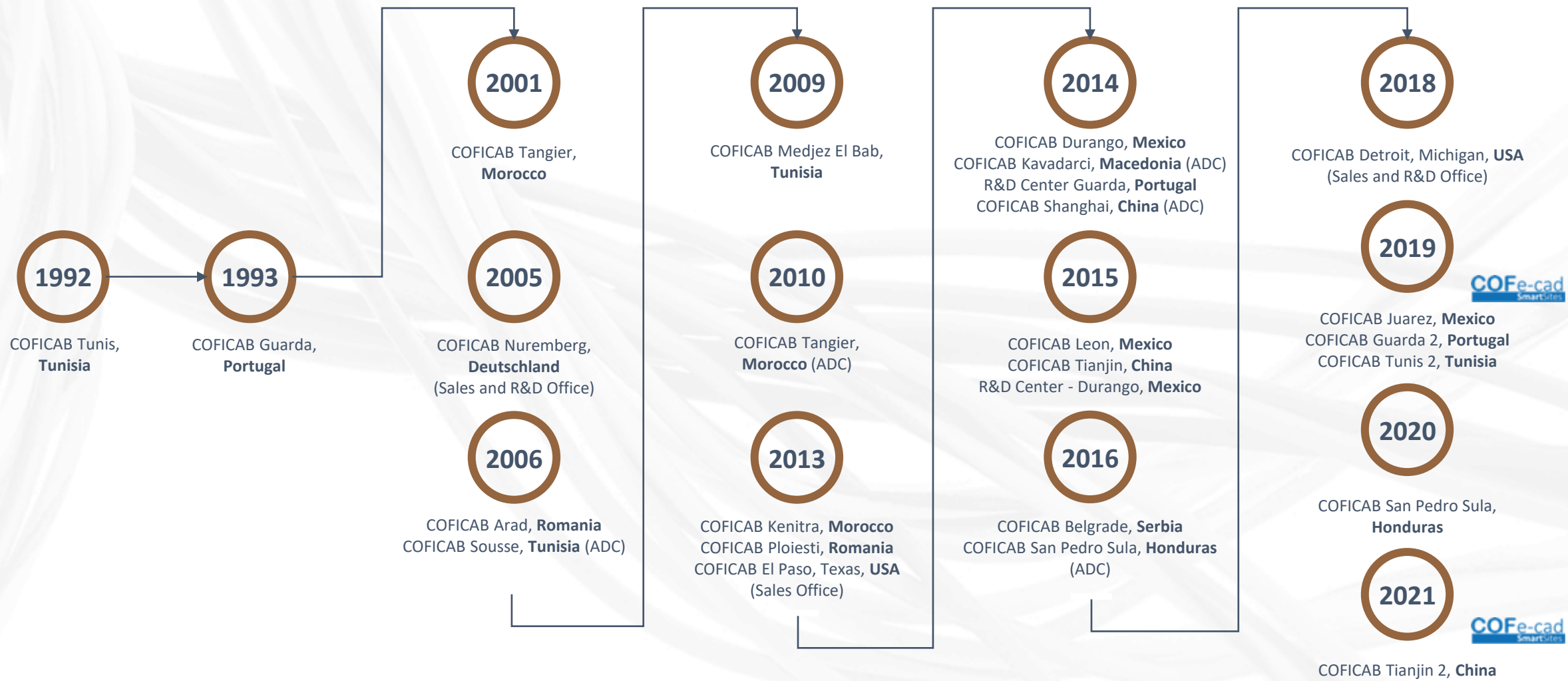


ABOUT COFICAB

COFICAB is your leading global partner in the design, manufacturing and sales of cables and wires.

COFICAB, a member of ELLOUMI Group, was founded in 1992 by Mr. Hichem Elloumi.

COFICAB has known an incredible national and international expansion, and an unequalled speed of organic growth, since its beginnings as a small Tunisian company.



OUR KEY FIGURES



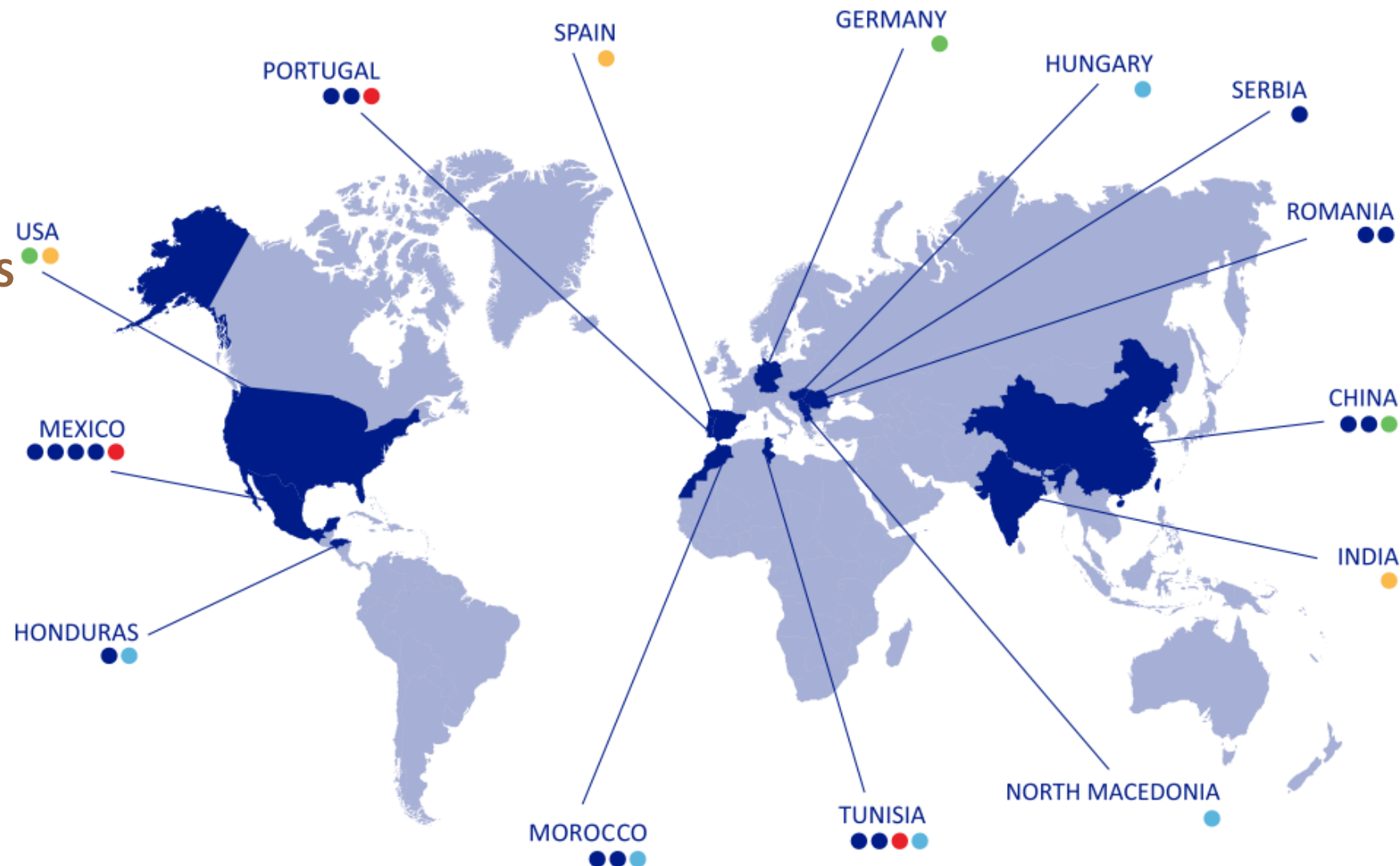
2 BILLION USD
TURNOVER (2020)



29 MILLION KILOMETERS
OF PRODUCED CABLES & WIRES (2020)



N°1 WORLDWIDE
With 19% Market Share in the
Automotive Industry Cables &
Wires



COFICAB's vision is to be the best-in-class partner for automotive cables and wires, committed to exceeding our customers' expectations, focused on sustainable growth through:



- EXPANDING
**GLOBAL
PRESENCE**



- STRIVING FOR
**TECHNOLOGY &
EXCELLENCE**



- SHARING
**VALUES &
SUCCESS**



- **QUALITY**

- IATF 16949
- ISO 9001



- **R&D LAB**

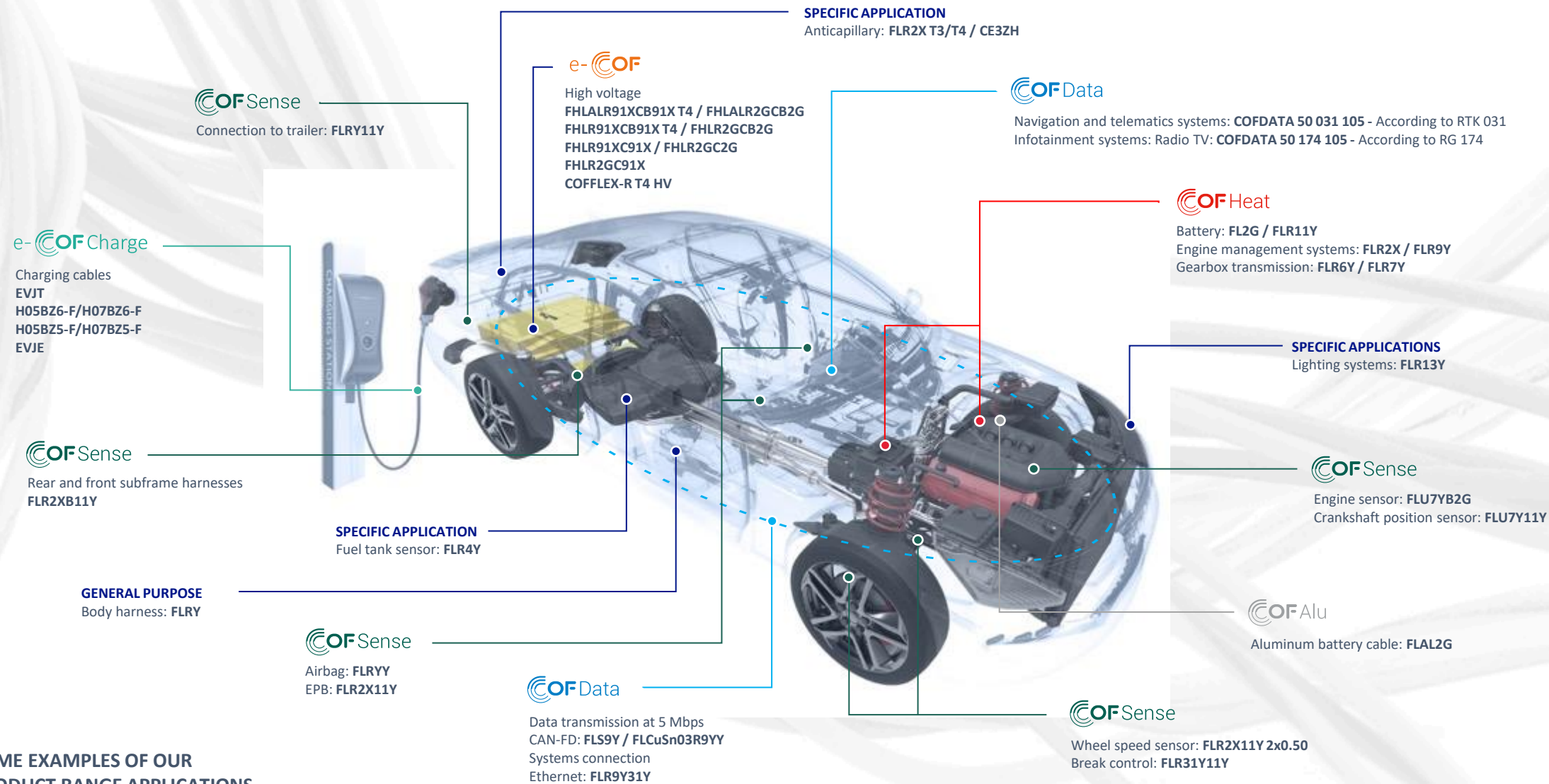
- NP EN
- ISO/IEC 17025
- OEM accreditation
by:



- **ENVIRONMENT**

- **HEALTH & SAFETY**

- ISO 14001
- EMAS
- ISO 45001



➤ **SOME EXAMPLES OF OUR
PRODUCT RANGE APPLICATIONS**



02



END OF STUDY INTERNSHIPS OPPORTUNITIES

This will be the opportunity for you to experience working life for real.
You will be in charge of answering a problem specific to COFICAB.
Throughout the project, a professional tutor will guide you.

- ✓ Research & Development
- ✓ Logistics & Supply Chain
- ✓ Controlling
- ✓ Purchasing
- ✓ IT Operations
- ✓ IT Business Intelligence
- ✓ Legal & Compliance



Duration
6 to 9 Months



Location
COFICAB Tunis



Topic
Precipitation hardened Al alloy 6xxx series heat treatment: Modeling of heat transfer mechanism and prediction of operation parameters needed for stable and homogenized heat treatment process.



Hard Skills
English & MS Office
Metals Properties



Soft Skills
Communication
Commitment
TeamWork
Personal Effectiveness



Field
Materials Engineering
Mechanical Engineering



Duration
6 to 9 Months



Location
COFICAB Tunis



Topic
Optimization of the extrusion processability of Thermoplastic Polyether Elastomer (TPEE) as insulator compound for automotive cables.



Hard Skills
English & MS Office
Plastic Properties



Soft Skills
Communication
Commitment
TeamWork
Personal Effectiveness



Field
Materials Engineering
Mechanical Engineering



Duration
6 to 9 Months



Location
COFICAB Tunis



Topic
Investigation of the impact of design characteristics related to main braid, made of tinned copper wire, and tape, used as complementary braid, for HV cables on EMC shielding effectiveness.



Hard Skills
English & MS Office
Design Software
Materials Properties



Soft Skills
Communication
Commitment
TeamWork
Personal Effectiveness



Field
Materials Engineering
Mechanical Engineering
Mechatronics Engineering



Duration
6 to 9 Months



Location
COFICAB Tunis



Topic
Creation of a Web application for transport management.



Hard Skills
English & MS Office
Web development
Programming languages



Soft Skills
Communication
Commitment
TeamWork
Personal Effectiveness



Field
Software Engineering
Web Developement Engineering



Duration
6 to 9 Months



Location
COFICAB Tunis



Topic
Create and improve supply chain performance and analysis reports.



Hard Skills
English & MS Office
Data visualization
Data Analysis



Soft Skills
Communication
Commitment
TeamWork
Personal Effectiveness



Field
Supply Chain
Logistics & Transport
Data Analysis



Duration
6 to 9 Months



Location
COFICAB Tunis



Topic
Metal production planning.



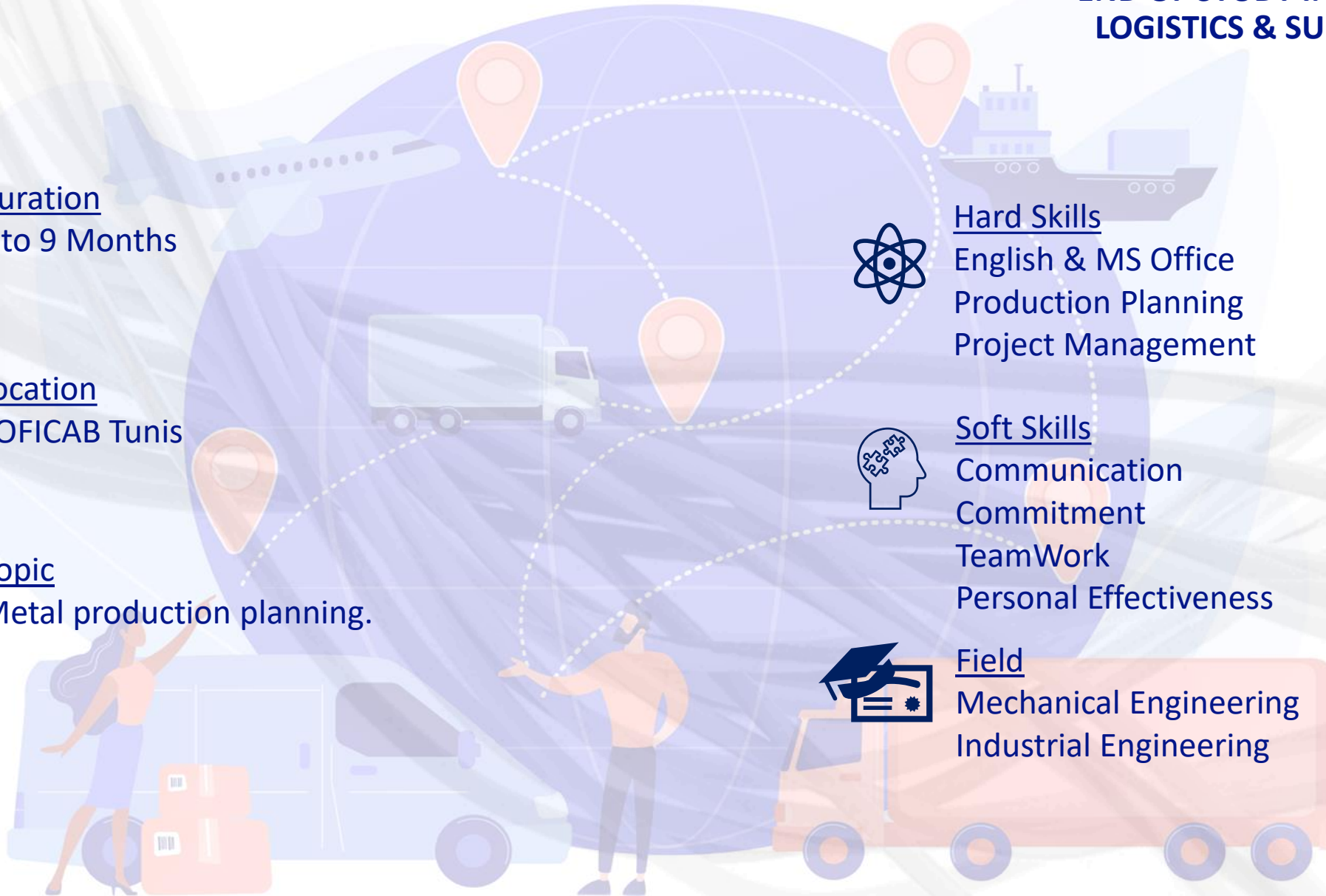
Hard Skills
English & MS Office
Production Planning
Project Management



Soft Skills
Communication
Commitment
TeamWork
Personal Effectiveness



Field
Mechanical Engineering
Industrial Engineering





Duration
6 to 9 Months



Location
COFICAB Tunis



Topic
Automation of the Corporate Controlling Reporting.



Hard Skills

English & MS Office
Data Analysis
Data visualization & Dashboarding



Soft Skills

Communication
Commitment
TeamWork
Personal Effectiveness



Field

Business Analytics
Data Science
Business Intelligence



Duration ✕
6 to 9 Months



Location
COFICAB Tunis



Topic
Automation and consolidation of the Data in terms of Purchasing list, KPIs and Dashboards.



Hard Skills
English & MS Office
Data Analysis
Data visualization & Dashboarding



Soft Skills
Communication
Commitment
TeamWork
Personal Effectiveness



Field
Business Analytics
Data Science
Business Intelligence



Duration
6 to 9 Months



Location
COFICAB Tunis



Topic
Automatic analysis of cybersecurity logs.



Hard Skills

English & MS Office
Vulnerability testing
Prevention protocols
Identity and access management principles



Soft Skills

Communication
Commitment
TeamWork
Personal Effectiveness



Field

CyberSecurity Engineering



Duration
6 to 9 Months



Location
COFICAB Tunis



Topic
Automatic network devices configuration and architecture check.



Hard Skills
English & MS Office
LAN & WAN



Soft Skills
Communication
Commitment
TeamWork
Personal Effectiveness



Field
Engineering



Duration
6 to 9 Months



Location
COFICAB Tunis



Topic
Design, development and implementation of an
AI/machine learning system for ERP Data.



Hard Skills
English & MS Office
Programming languages



Soft Skills
Communication
Commitment
TeamWork
Personal Effectiveness



Field
Business Intelligence Engineering
Business Analytics
Data Science



Duration
6 to 9 Months



Location
COFICAB Tunis



Topic
Design, development and implementation of an
AI/machine learning system for HR Data.



Hard Skills
English & MS Office
Programming languages



Soft Skills
Communication
Commitment
TeamWork
Personal Effectiveness



Field
Business Intelligence Engineering
Business Analytics
Data Science



Duration
6 to 9 Months



Location
COFICAB Tunis



Topic
Develop an Android application/ web service displaying KPI details by Region, Plant, Machine Type, Shift Production Details; based on Coficab's Manufacturing Execution System.



Hard Skills
English & MS Office
Programming Languages
Data visualization



Soft Skills
Communication
Commitment
TeamWork
Personal Effectiveness



Field
Web Developement
Software Development



Duration
6 to 9 Months



Location
COFICAB Tunis



Topic
Collecting, processing, and displaying the data for machines KPIs, by Region, by Plant, by Machine, by Period of Research“.



Hard Skills
English & MS Office
Data visualization
Critical thinking



Soft Skills
Communication
Commitment
TeamWork
Personal Effectiveness



Field
Business Intelligence Engineering
Business Analytics
Data Science



Duration
6 to 9 Months



Location
COFICAB Tunis



Topic
Develop a machine learning algorithm to predict breakdowns, errors and events that can happen in real time.



Hard Skills
English & MS Office
Machine Learning



Soft Skills
Communication
Commitment
TeamWork
Personal Effectiveness



Field
Artificial Intelligence
Data Analytics
Data Science



Duration
6 to 9 Months



Location
COFICAB Tunis



Topic
Design and preparation of a prototype using pick to light-Put to light technology in Coficab shopfloor management



Hard Skills
English & MS Office
Machine Learning



Soft Skills
Communication
Commitment
TeamWork
Personal Effectiveness



Field
Artificial Intelligence
Data Analytics
Data Science



Duration
6 to 9 Months



Location
COFICAB Tunis



Topic
International Trademark registration: case study of
the registration of 12 trademarks in 38 countries.



Hard Skills
English & MS Office
Trademark legislation
Trademark act



Soft Skills
Communication
Commitment
TeamWork
Personal Effectiveness



Field
Corporate Law
International Law



03



HOW TO APPLY?

How To Apply

Are You Powered By PASSION?

Send your resume to the address:

application.coftn@coficab.com

Sedjoumi, Route de Fouchana 1095

📍 Tunis - TUNISIA (+216) 71 156 000

Follow Us 
www.coficab.com

We Will Be Happy To Have You Onboard!



THANK YOU



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