

SUNNARY

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HISTORY

FOUNDED IN 2010 BY TWO' ENGINEERS FROM ENSAM, OZO -QUICKLY ESTABLISHED ITSELF AS A LEADER IN THE MARKET FOR ELECTRIC BIKE CONVERSION KITS.

> PASSIONATE ABOUT ELECTROMOBILITY, THE TWO ENGINEERS EMBARKED ON R&D PROJECTS SUCH AS SOLAR-ELECTRIC VEHICLES, AGRICULTURE, AND E-BIKE DESIGN.

IN 2012, OZO OPENED ITS FIRST 200M² LITHIUM BATTERY LABORATORY, ENABLING THE COMPANY TO DESIGN, ASSEMBLE, REPAIR, AND REFURBISH BATTERIES.

> FOR SEVERAL YEARS, OZO HAS CONTINUED TO IMPROVE ITS PRODUCTS THROUGH ITS IN-HOUSE R&D DEPARTMENT, WHICH HAS ENABLED IT TO MAINTAIN ITS POSITION AS A LEADER IN THE ELECTRIFICATION MARKET.

_	COMPANY CREATION	2012	FIRST BATTERIES PRODUCTION LINE	2017	NEW OFFICES IN BELGIUM
_	2010	FIRST BATTERIES LABORATORY OPENING	2014	BEGINNING OF INDUSTRY AND FARMING ACTIVITIES	• • • • • • • • • • • • • • • • • • • •



IN 2022, OZO ACQUIRED A NEW 3000M² BUILDING DEDICATED TO LITHIUM BATTERIES: AN AUTOMATED ASSEMBLY PLANT THAT OPENS UP NEW OPPORTUNITIES.

IN 2023, A NEW SUBSIDIARY IS CREATED: OZO NAUTISME. THE OBJECTIVE? TO DEVELOP ELECTRIC PROPULSION SYSTEMS FOR BOATS INTENDED FOR HYBRIDIZATION OR RETROFITTING OF EXISTING BOATS.

2021

CREATION OF THE OZO BATTERIES FACTORY 2023

CREATION OF THE SUBSIDIARY "OZO ENERGIES"

2022

LAUNCH OF "OZO NAUTISME"

MISSIONS AND VALUES

SUPPORT



WE PUT OUR KNOWLEDGE AT YOUR SERVICE TO MEET YOUR TECHNICAL **AND FINANCIAL NEEDS WHILE** MINIMIZING THE CARBON FOOTPRINT OF THE FINAL PRODUCT.

RELOCATION



OUR STRATEGY REVOLVES AROUND THE RESHORING OF INDUSTRY IN FRANCE. WE HAVE INVESTED IN STATE-OF-THE-ART EQUIPMENT WITH THE AIM OF OFFERING A COMPLETE SERVICE IN FRANCE.



THE CIRCULAR ECONOMY IS A CENTRAL PART OF OUR VALUES, AND OUR **PRODUCTION PROCESS PROMOTES THE REUSE, REPAIR, AND RECYCLING OF MATERIALS. OUR PRODUCTS HAVE BEEN** DESIGNED TO OPTIMIZE MODULARITY AND DISASSEMBLY.





CIRCULAR ECONOMY

MAINTENANCE



THE METHODS AND TOOLS USED BY OZO ALLOW TO REPAIR OR **REFURBISH THE MOST POLLUTING** COMPONENT OF AN ELECTRIC VEHICLE: ITS BATTERY.

THE OZO TEAM IS MADE UP OF 25 **EMPLOYEES, ALL PASSIONATE ABOUT THEIR WORK AND THE** COMPANY'S ACTIVITIES. OUR TEAM VALUES INCLUDE LISTENING, **ADVISING, AND SUPPORTING OUR** CLIENTS.

TEAM



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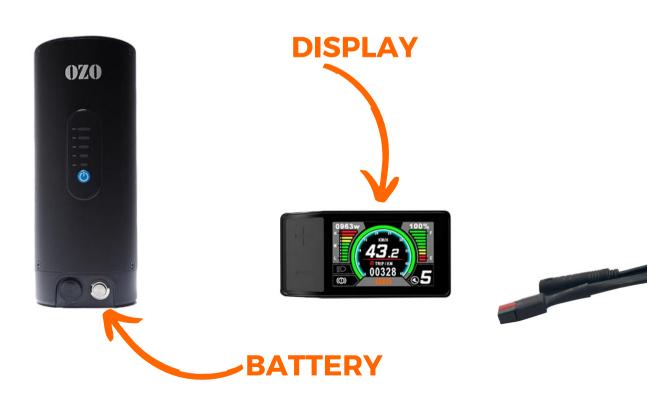


THE ORIGINS OF THE CONCEPT

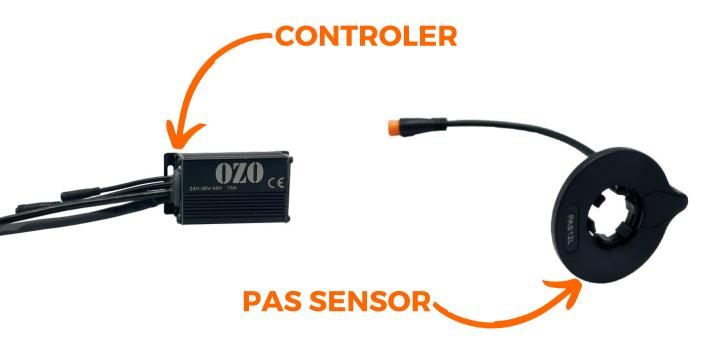
"OZO STARTED IN 2010 AT THE BEGINNING OF THE ELECTRIC BIKE BOOM. THE INITIAL GOAL WAS TO DEVELOP A KIT TO CONVERT A TRADITIONAL **BIKE INTO AN ELECTRIC BIKE**, WITH THE AIM OF BRINGING A MORE SUSTAINABLE VISION TO ELECTROMOBILITY: THE CARBON FOOTPRINT IS **REDUCED BY 50% COMPARED TO BUYING A READY-TO-USE E-BIKE."**

MOTORIZED WHEEL

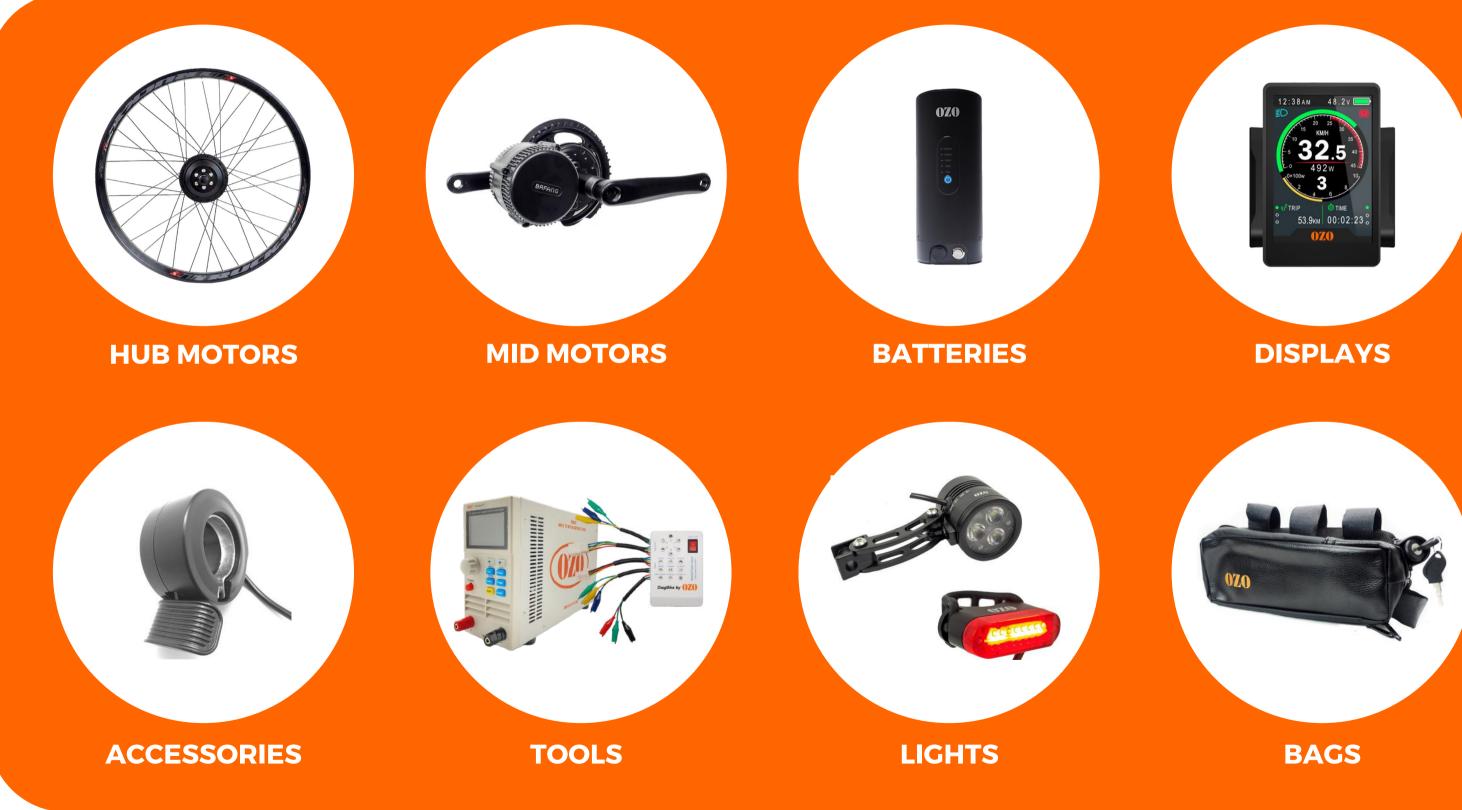








PRODUCT MIX







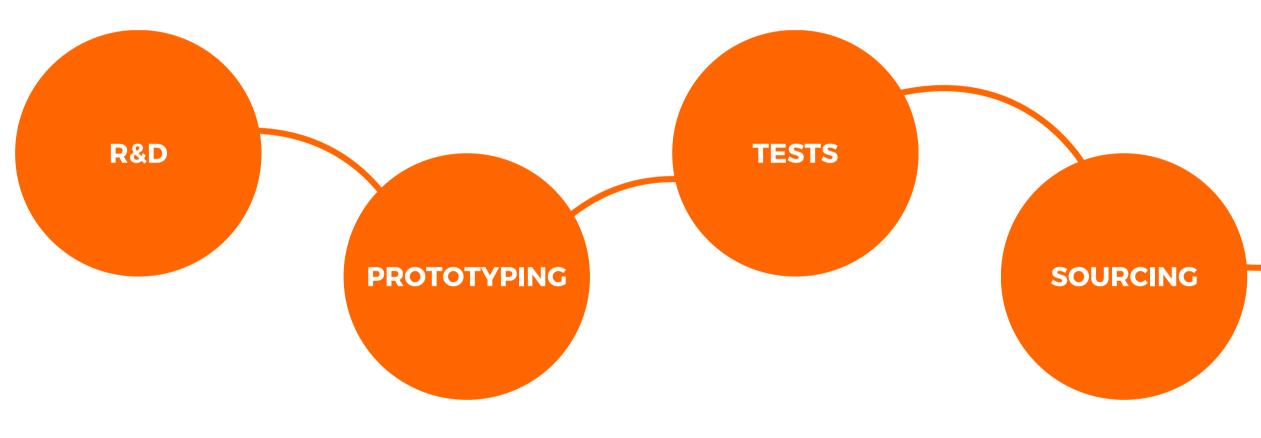


CONTROLERS



SPARE PARTS

OUR SERVICES



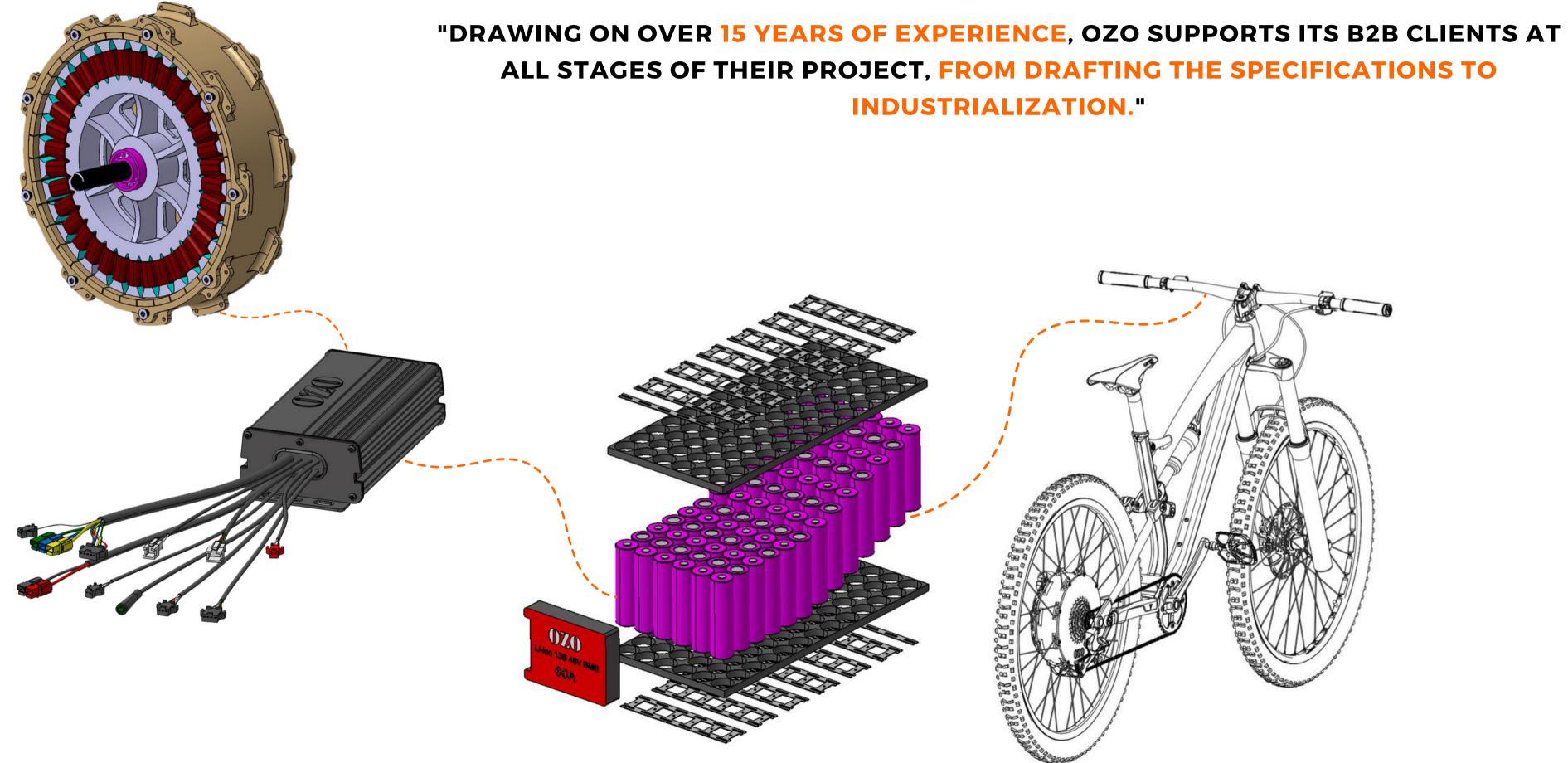




INDUSTRIALI-ZATION

MAINTENANCE

R&D: OZO'S DNA





REFERENCES

Norauto *Allkicks*

















OUR NETWORK





+600 SELLERS/INSTALLERS PARTNERS



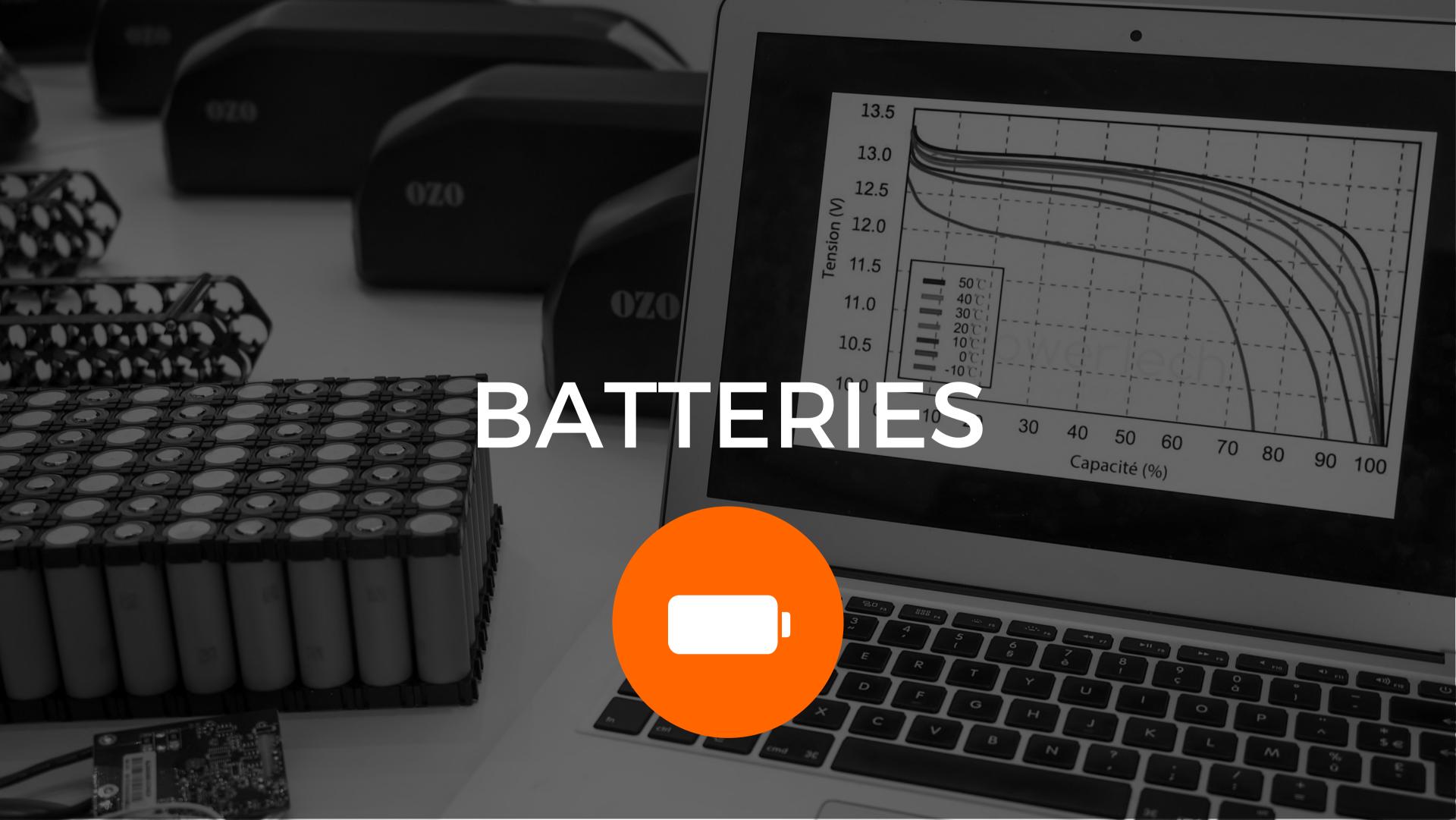
4 WORKSHOPS IN METROPOLITAN FRANCE



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1 SUBSIDIARY IN BELGIUM



SAVOIR-FAIRE

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ELLE LA LILE

PROTOTYPING

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MAINTENANCE

BATTERIES MAINTENANCE

BATTERY **DIAGNOSIS WITH TEST REPORT**

CELLS REBALANCING

CASING CHANGE

NEIMAN CHANGE

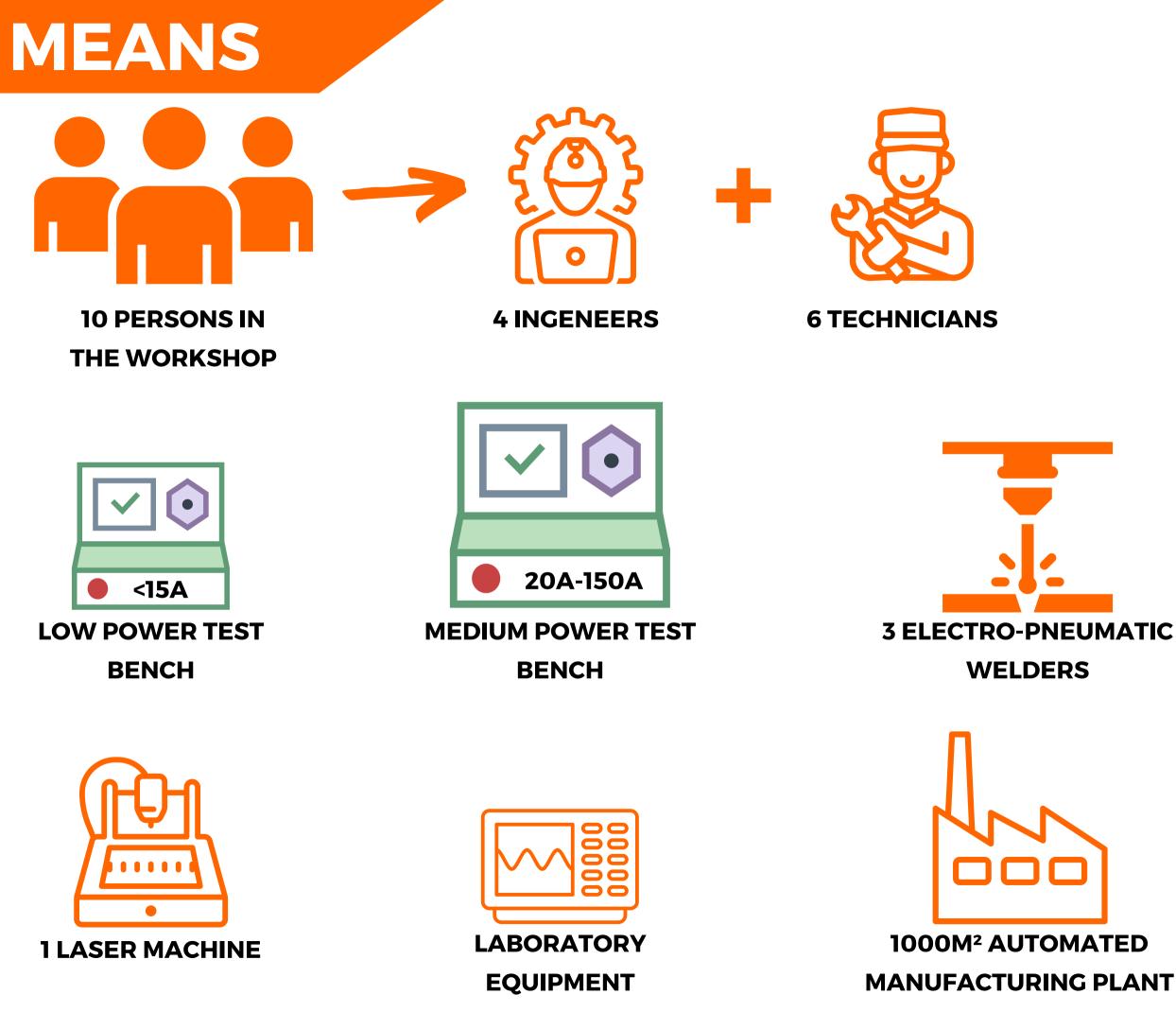
BMS CHANGE

BATTERY WAKE UP

WELDING REPARE

POWER PLUG CHANGE

CHARGE PLUG CHANGE





REFERENCES

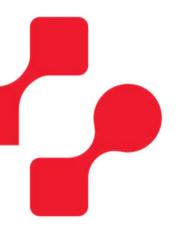








PELENC





INDUSTRY



THE CONCEPT

ADDING ELECTRIC ASSISTANCE TO **A LOGISTIC OR PRODUCTION** ROLLING BASE.

THE GOAL ? REDUCE PHYSICAL STRAIN AT WORK AND MEET CSR **STANDARDS!**





SUITABLE FOR ALL **SURFACES**



COMPATIBILITY WITH ALL TYPES OF EQUIPMENT

KEEP THE EXISTING DIVIDE THE CARBON ROLLING BASE FOOTPRINT BY 4

KNOW-HOW

R&D SUPPORT

<image>

OUR IN-HOUSE RESEARCH AND DEVELOPMENT DEPARTMENT ALLOWS US TO CONDUCT FEASIBILITY AND INTEGRATION STUDIES ACCORDING TO OUR CLIENTS SPECIFICATIONS.

VALIDATION TEST



BEFORE THE ELECTRIFIED PRODUCT IS PUT INTO CIRCULATION, OUR TECHNICAL TEAM CARRIES OUT VARIOUS VALIDATION TESTS TO CONFIRM THE FUNCTIONING OF THE PRODUCT.





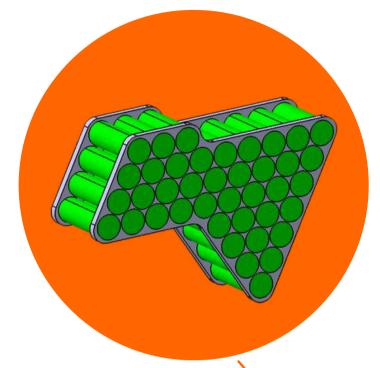
SITE SUPPORT



PROVIDING ON-SITE SUPPORT TO ENSURE THE SUCCESSFUL COMPLETION OF THE DEVELOPMENT PHASE IS ESSENTIAL RO BUILD STRONG PARTNERSHIPS WITH YOUR CLIENTS.



POWERTRAIN



LITHIUM BATTERIES

OUR SYSTEMS ARE POWERED BY DC VOLTAGE WITH LITHIUM BATTERIES. THE SHAPE OF THE BATTERY AND ITS CASING CAN BE CUSTOMIZED ACCORDING TO YOUR SPECIFIC CONSTRAINTS.



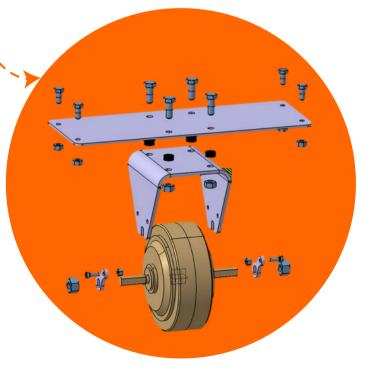
INDUSTRIAL ELECTRIC WHEELS

CAD

BEING THE FIFTH WHEEL, WITH ITS ADAPTABLE DESIGN. THE ELECTRIC WHEEL CAN EASILY AND QUICKLY FIT ONTO THE ROLLING BASE. WITH DIAMETERS RANGING FROM 125MM TO 450MM, OUR WHEELS CAN PULL LOADS FROM 100KG TO 1500KG AND MOVE AT SPEEDS FROM 2KM/H UP TO 20KM/H. THESE CHARACTERISTICS ARE FULLY CUSTOMIZABLE THANKS TO OUR DESIGN DEPARTMENT.

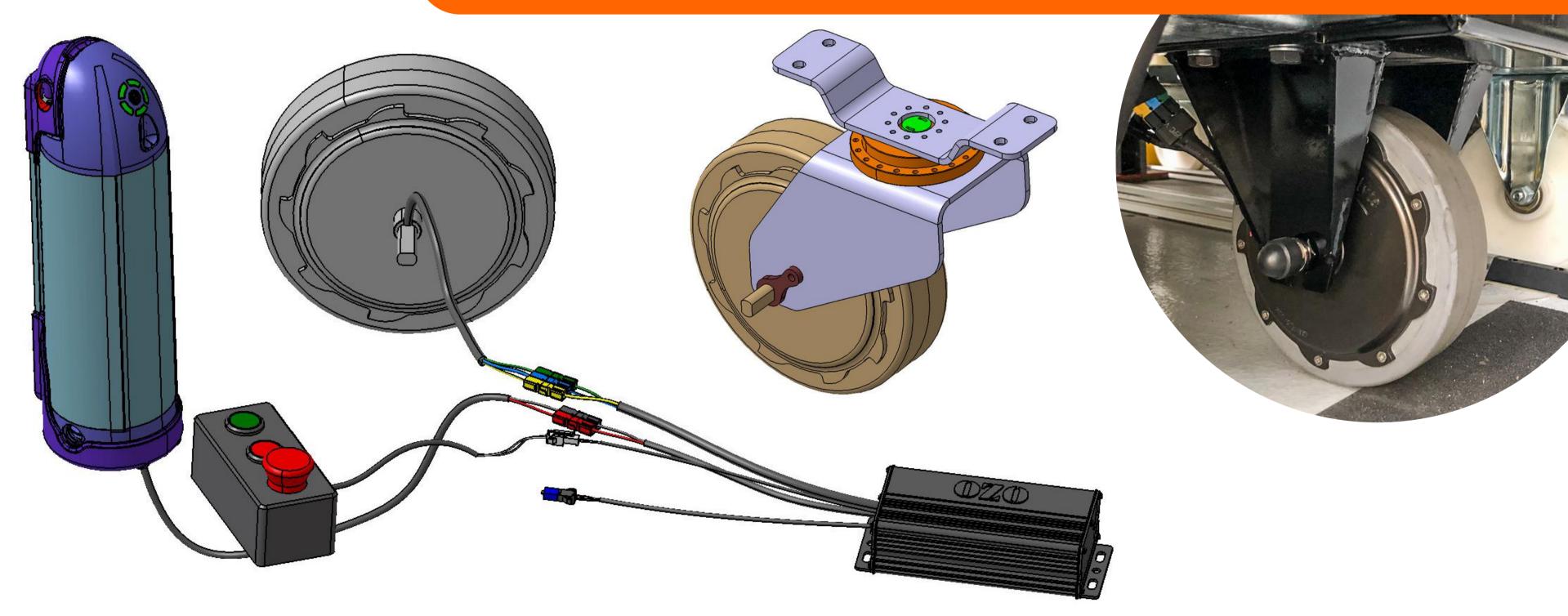


OZO ENERGIES OFFERS A RANGE OF OPTIONS TO OPTIMIZE THE ERGONOMICS OF THE CONTROL STATION IN ORDER TO BETTER MEET THE CUSTOMER'S NEEDS. FROM A SINGLE PUSH BUTTON TO AN EMERGENCY STOP BUTTON TO A BI-DIRECTIONAL JOYSTICK (AND MANY OTHERS), WE ARE ABLE TO DEVELOP SPECIFIC REQUESTS.



R&D: OZO'S DNA

WITH MORE THAN 15 YEARS OF EXPERIENCE, SUPPORTS B2B CLIENTS AT EVERY STEP OF THEIR PROJECT, FROM DRAFTING THE SPECIFICATIONS TO TESTING UNDER REAL-WORLD CONDITIONS IN THE FIELD.









SAFRAN

AGRICULTURE





ELECTRIFICATION

THE CONCEPT ?

ADDING AN ELECTRIC MOTORIZATION TO AGRICULTURAL MACHINERY AND TOOLS WITH THE AIM OF **REDUCING POLLUTING EMISSIONS** IN CROPS AND FACILITATING THE WORK OF FARMERS.



HUB MOTOR



WHEEL MOTOR



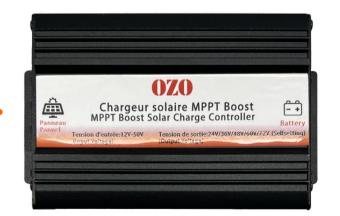
CENTRAL MOTOR



SOLAR CHARGING

WE ALSO DEVELOP COMPLETE SOLUTIONS FOR THE SOLAR CHARGING OF FLEETS OF MACHINES: GIVE YOURSELF TOTAL AUTONOMY!













"OUR AMBITION IS TO CONTRIBUTE TO THE DECARBONIZATION OF SEAS AND OCEANS BY OFFERING VIRTUOUS SOLUTIONS OF ELECTRIC MOTORIZATIONS FOR PLEASURE BOATS.

TO ACHIEVE THIS, WE OFFER **TO REPLACE YOUR THERMAL ENGINE WITH AN ELECTRIC MOTOR**, WHICH IS CALLED "100% ELECTRIC RETROFIT," **OR TO ADD AN ELECTRIC MOTOR IN PARALLEL WITH THE THERMAL ENGINE** FOR HYBRIDIZATION PURPOSES."





NO MAINTENANCE

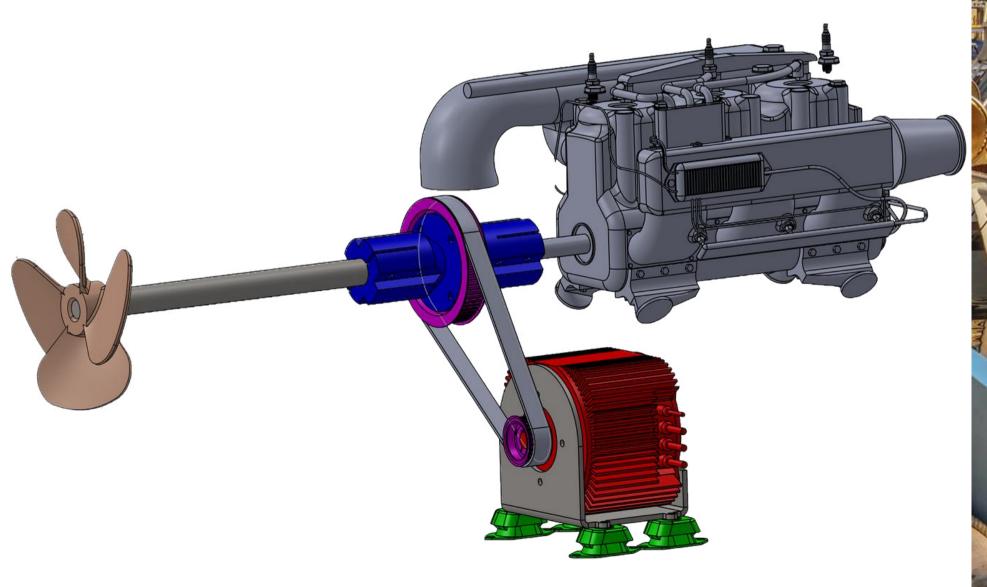


BOATS AND SAILBOATS COMPATIBLE



HYBRIDIZATION

TO INCREASE SAFETY AND REDUCE FUEL CONSUMPTION, WE PROPOSE ADDING AN ELECTRIC MOTOR IN PARALLEL TO THE **EXISTING COMBUSTION ENGINE.**





NO MAINTENANCE



REDUCES POLLUTION POWER FROM 5KW **TO 30KW**



HYDROGENERATION FUNCTION

CHARGING

AVAILABLE SOURCES





MORE AND MORE PORTS ARE PROVIDING 220V SOCKETS ON THE DOCKS: USE YOUR OZO FAST CHARGER TO FILL UP YOUR **BATTERY!**

WE OFFER A WIDE RANGE OF SOLAR PANELS WITH A POWER RANGING FROM 50W TO 180W, ALLOWING FOR TOTAL AUTONOMY ON BOARD YOUR BOAT.



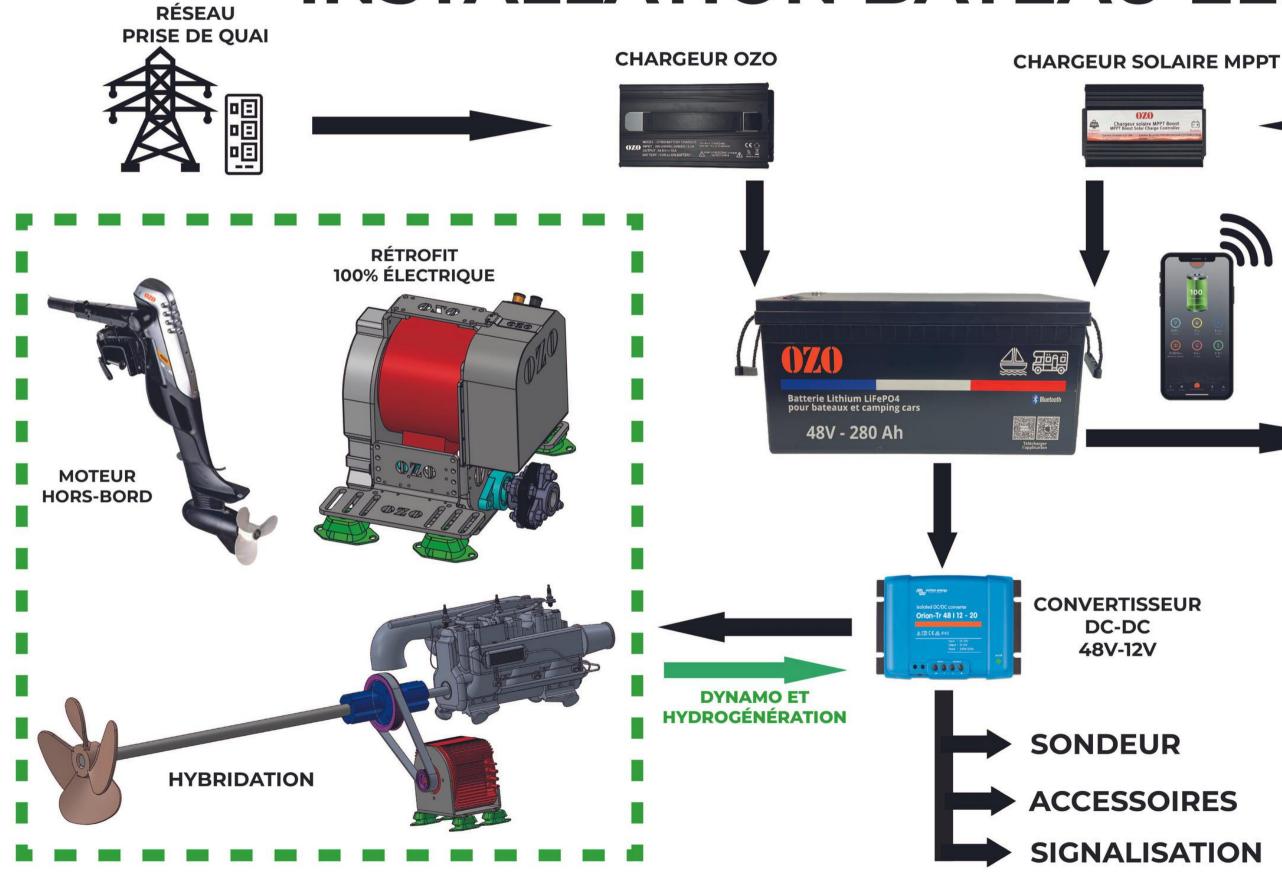


HYDROGENERATION

WHEN YOU ARE NOT USING YOUR **ELECTRIC MOTOR, REVERSE ITS DIRECTION OF ROTATION TO GENERATE ENERGY AND RECHARGE YOUR BATTERY!**

LIFE ON BOARD

INSTALLATION BATEAU ÉLECTRIQUE





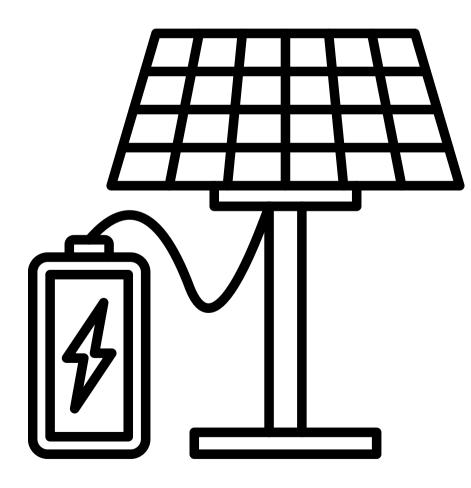
PANNEAUX **SOLAIRES OPTION - 220V À BORD PRISE AC ONDULEUR** 48V DC - 220AC 220 (C **APPLICATION «VICTRON CONNECT»**

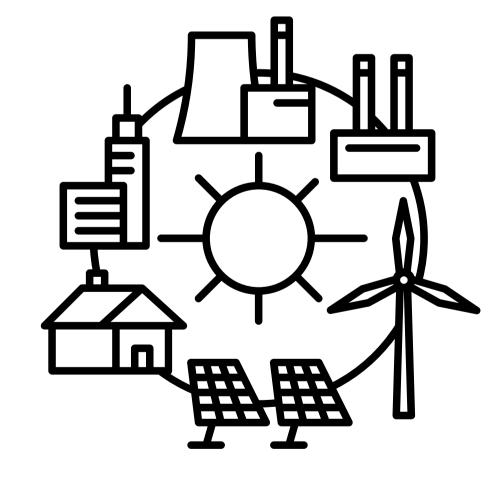
SOLAR





OUR AMBITION IS TO OFFER ACCESSIBLE AND EFFICIENT ENERGY PRODUCTION AND STORAGE SOLUTIONS IN ALL SECTORS OF ACTIVITY.

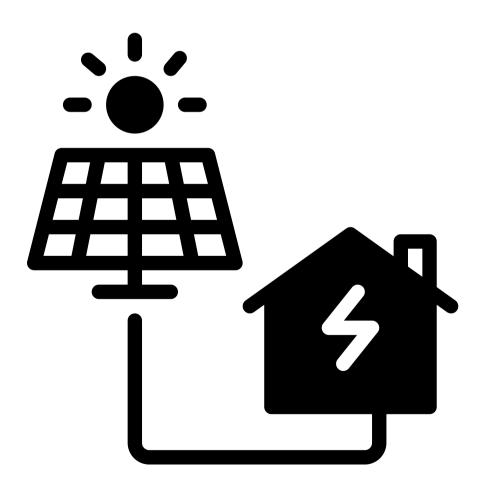




HOME STORAGE

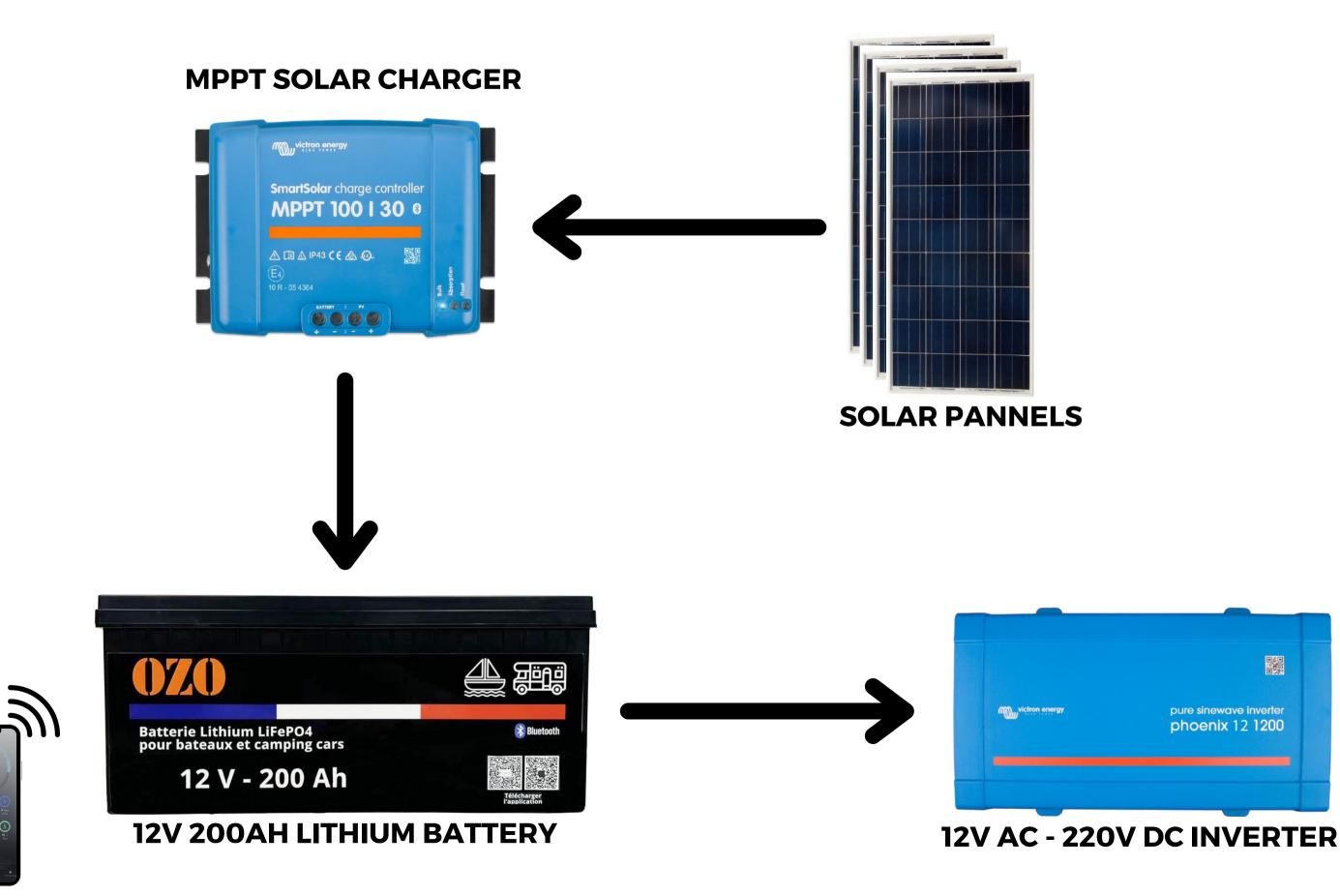
SMART GRID





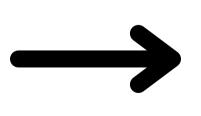
ISOLATED SITES

AUTOCONSUMPTION



"OZO BATTERIES" APPLICATION

220V DC SOCKET







pure sinewave inverter

phoenix 12 1200





CHALLENGES



MONACO ENERGY BOAT CHALLENGE

PACA STR



ECO-MARATHON SHELL



DESERTS CROSSINS (NAMIBI, CHINE, AUSTRALIE) ÷Ŏ: