

AN APPROPRIATE ENERGY STORAGE SOLUTION IS CRUCIAL FOR A CLEAN ENERGY TRANSITION.

ENERGY STORAGE GLOBAL DEMAND



ALL APPLICATIONS

→ 2,600 GWH EXPECTED BY 2030

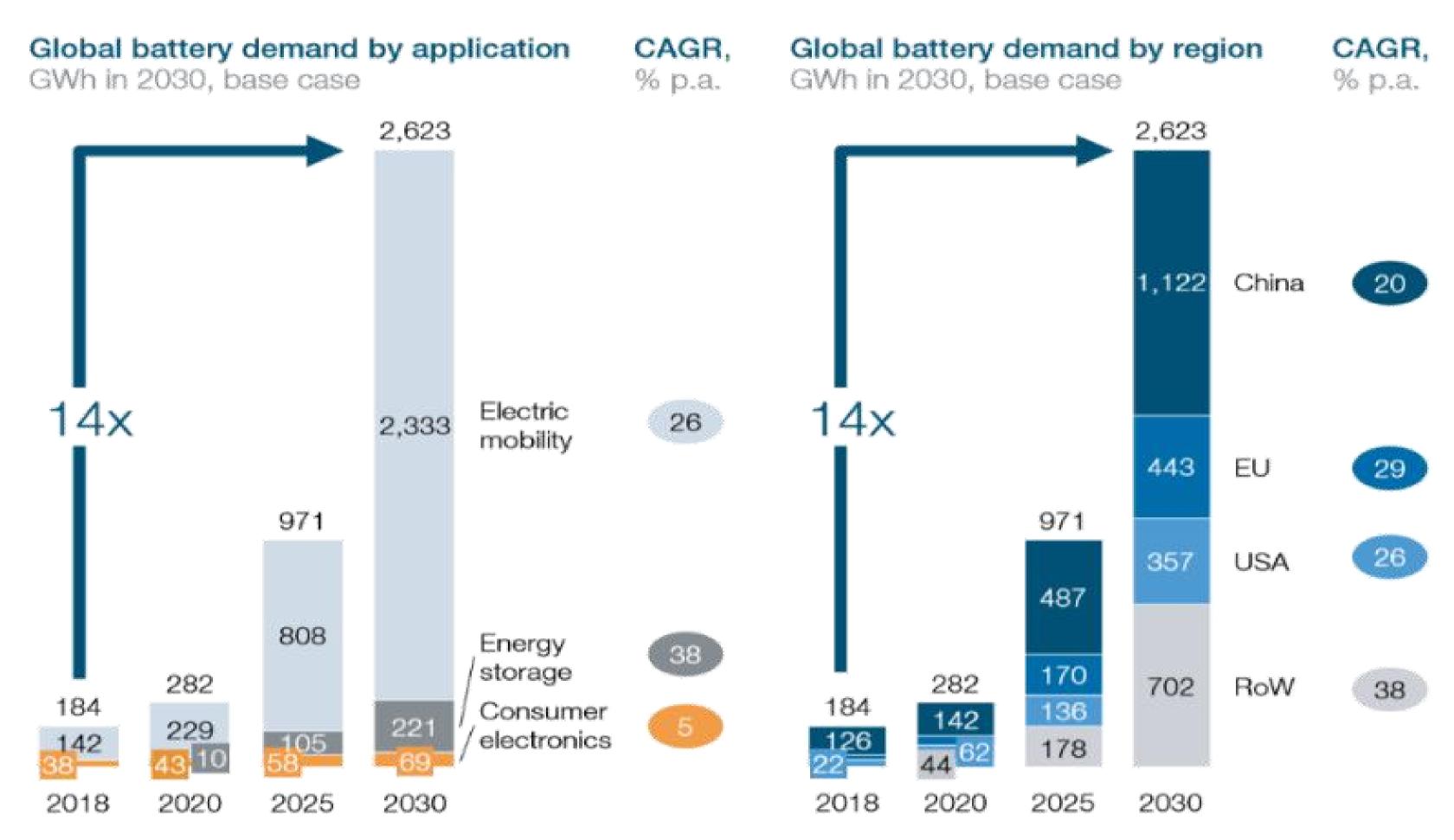
SUSTAINABLE DEVELOPMENT

→ UP TO 17,000 GWH BY 2040

STATIONARY STORAGE (w/o PHS)

→ MORE THAN 2,800 GWH BY 2040

Source: BNEF 2019



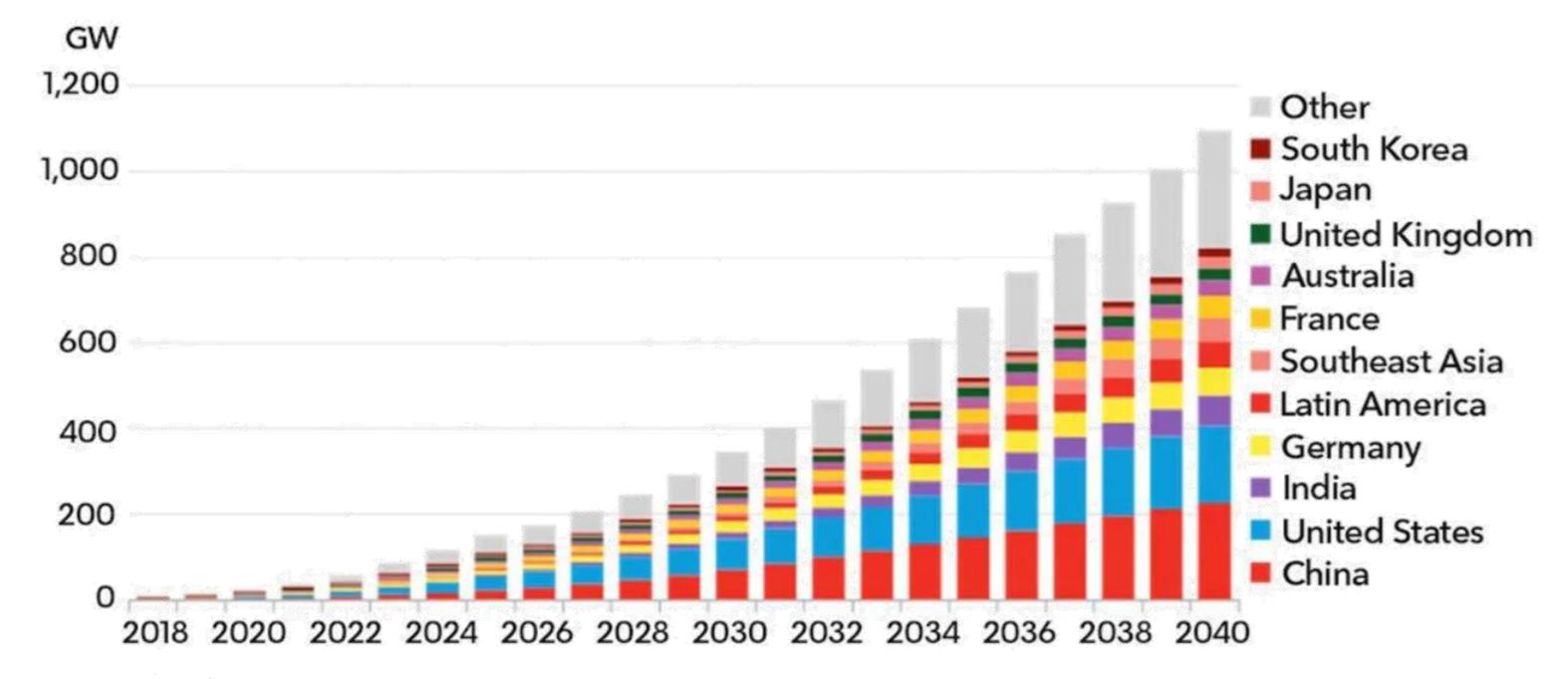
Source: Battery 2030+ Roadmap – March 2020

GENERAL FIGURES & TRENDS



LI-ION REPRESENTS A GROWING SHARE OVER THE LAST FEW YEARS (> 90 %)

Global cumulative power storage installations



\$60 BN

VALUE OF THE LI-ION MARKET IN 2024

7 %

SHARE OF ENERGY STORAGE
IN GLOBAL POWER CAPACITY
BY 2040

\$600-1,000 BN

INVESTMENTS IN ENERGY STORAGE BY 2040

Source: BloombergNEF



A DISRUPTIVE SOLUTION





VERY HIGH DENSITY



Pure electricity HIGH ROUND-CYCLE EFFICIENCY





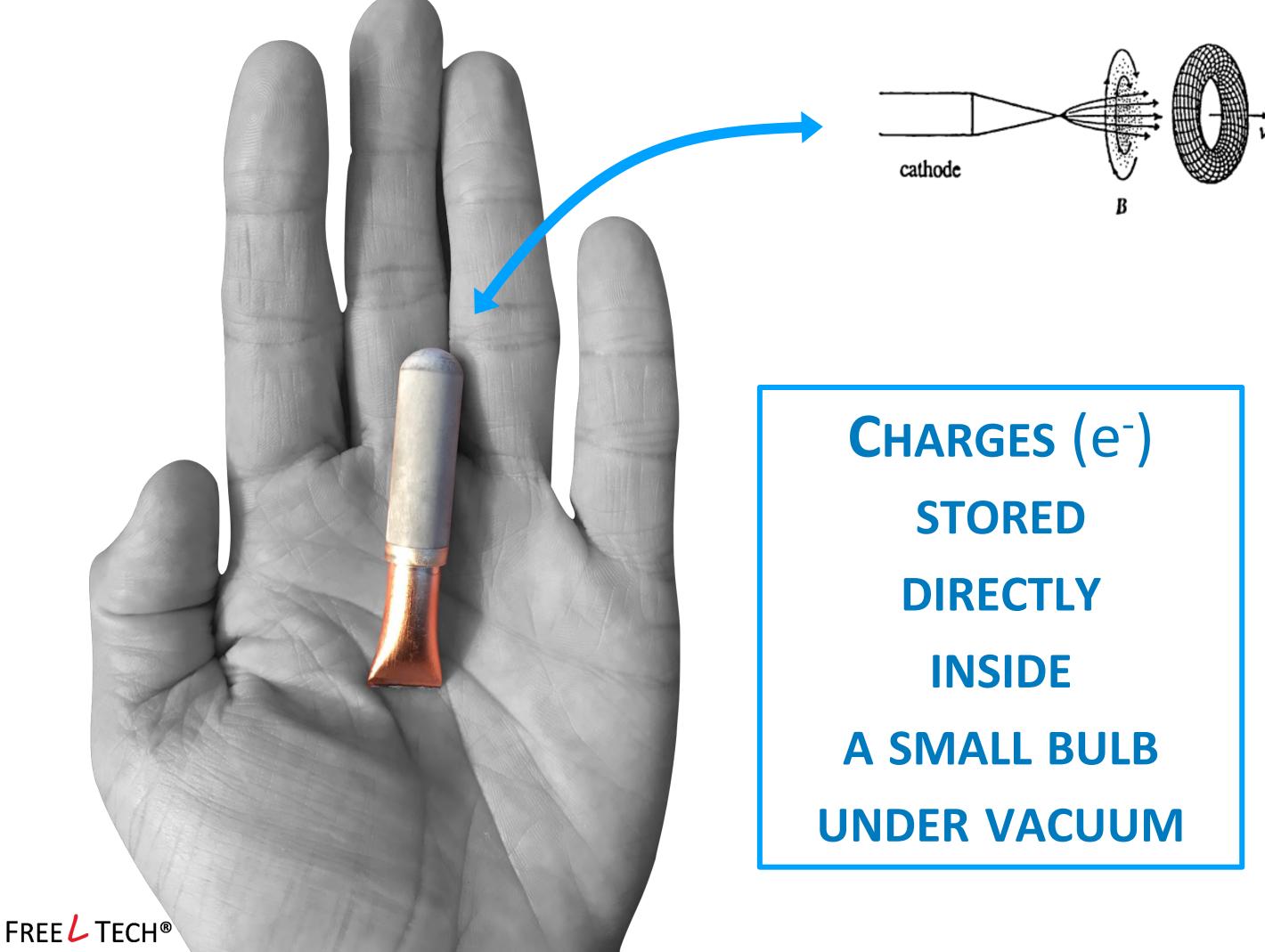
ALL TYPES OF APPLICATIONS

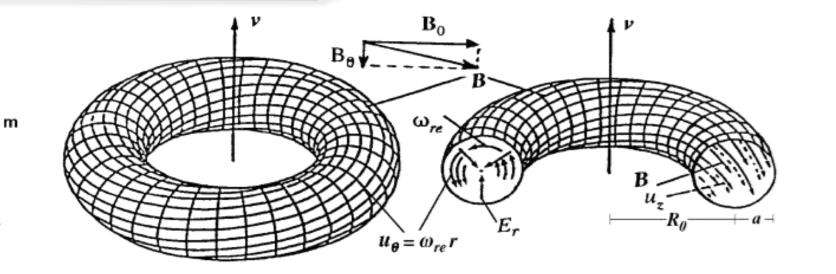


ENVIRONMENTALLY-FRIENDLY EASY RECYCLING

THE VACUUM CAPACITOR





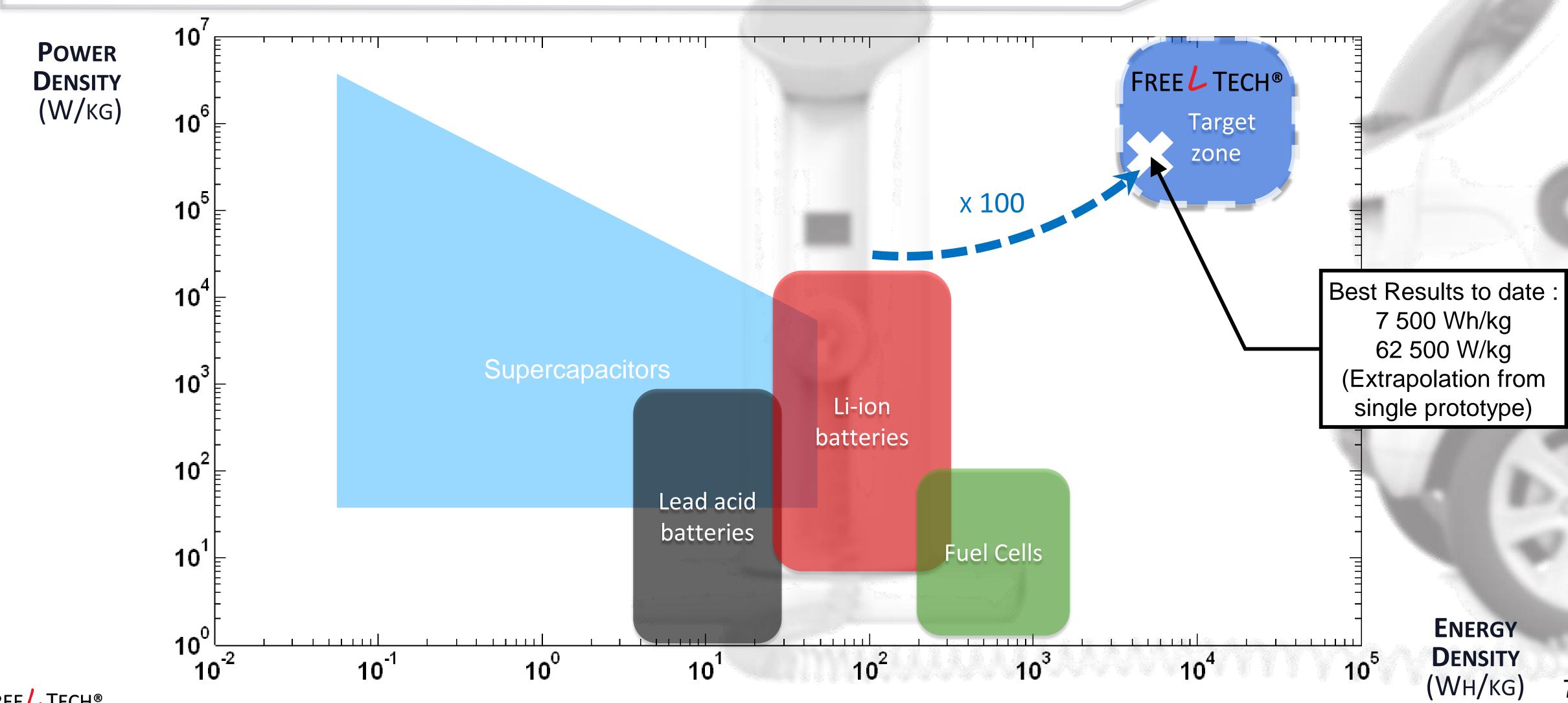


TARGET PERFORMANCES

- ENERGY DENSITY: 0,5 1 KWH / CM³
- AFTER INTEGRATION: UP To 20 KWH / KG
- **Low Cost : << 100 USD / kWh**
- HIGH NUMBER OF CYCLES
- HIGH ROUND-CYCLE EFFICIENCY
- SMALL QUANTITIES OF MATERIALS NEEDED
- No Rare or Expensive Raw Materials
- LOW ENVIRONMENTAL IMPACT
- > SIMPLE RECYCLING

UNMATCHED ENERGY & POWER DENSITY





THE VACUUM CAPACITOR: SUITABLE FOR MOST APPLICATIONS



WITH MANY COMPETITIVE ADVANTAGES, FREEL TECH TARGETS A SIGNIFICANT MARKET SHARE IN FUTURE YEARS.



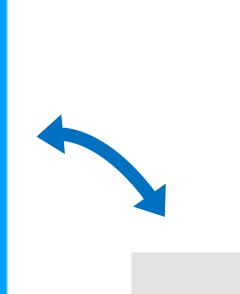




MAIN TARGET
MARKETS AND
APPLICATIONS FOR
THE VACUUM
CAPACITOR



STATIONARY STORAGE
SMART GRIDS
GRID SCALE





ELECTRICAL MOBILITY (ROAD, AIR, SEA)







THE TEAM





Michael IRGANG CEO

Civil Engineer (Mines ParisTech)

Expert in Energy, Nuclear Energy

Co-founder



Roman KHOLOSHENKO CTO

Military career, then Engineer & Business owner In Russia

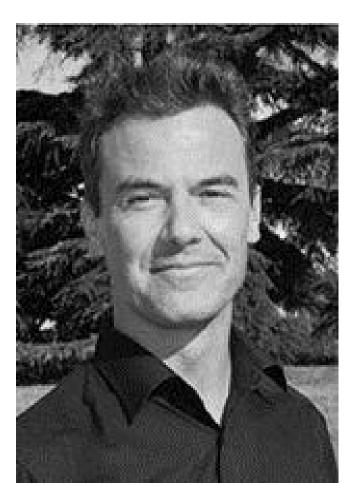
Expert in Electronics and Magnetic Fields, invented the « Vacuum Capacitor »



Sergueï GODIN
Scientific & Technical
Researcher

Graduated from Moscow Electrotechnical & Communication Institute

Expert in electrical engineering, digital and analog electronics, signal processing, instruments.



Julien PLAN
Business Dev.
Director

Mechanical Engineer Nuclear Engineer Executive-MBA

Expert in Energy & Industrialization



William WEBER
Energy Engineer

Graduated from the Griffith's School of Engineering (Brisbane, Australia)

Expert in Energy Storage, Renewable Energy



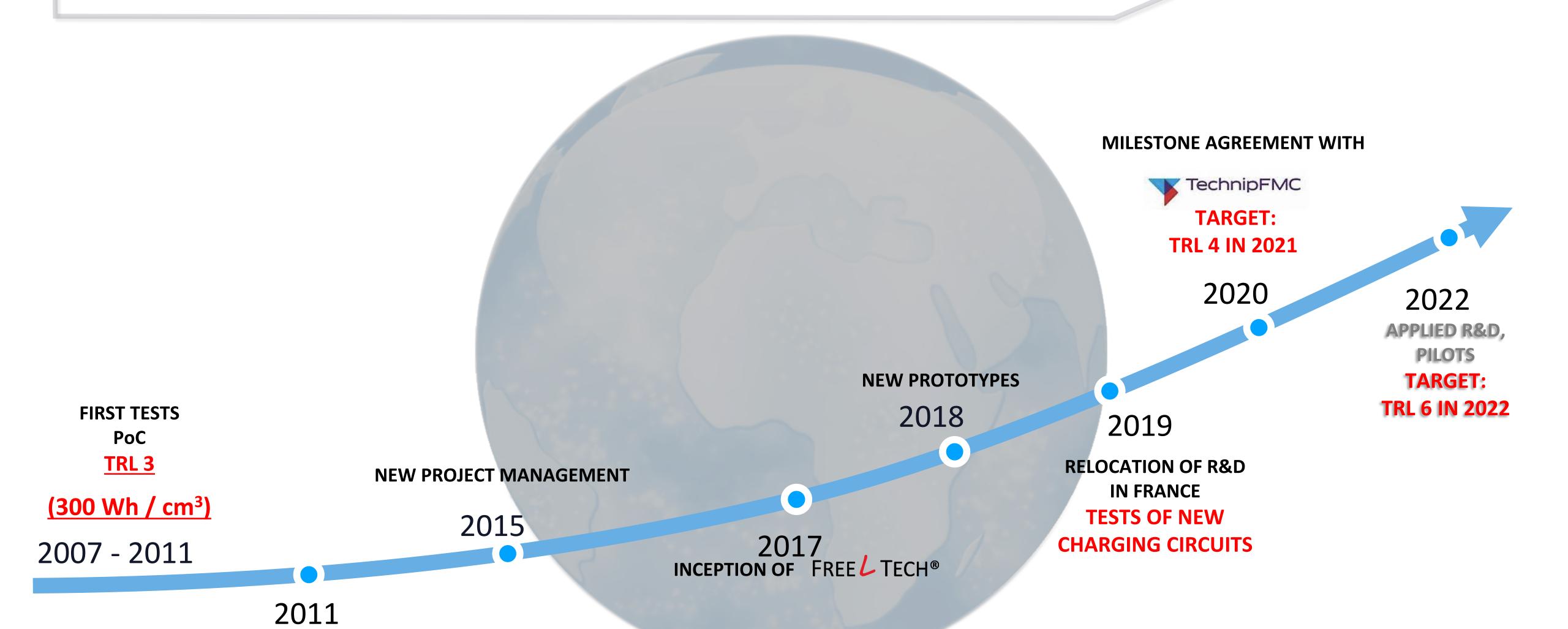
Roland IRGANG CFO

Post-graduate Degree in Banking&Finance (La Sorbonne, Paris, France)

Fundraising, Strategy, Valuation, Investment Policy, Financial Advisory

TIMELINE





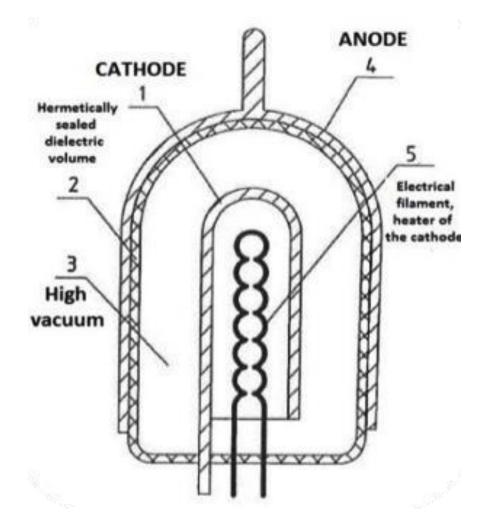
FREE L TECH®

PATENTS FILED

THE BEGINNING (2007)

FREE L TECH®







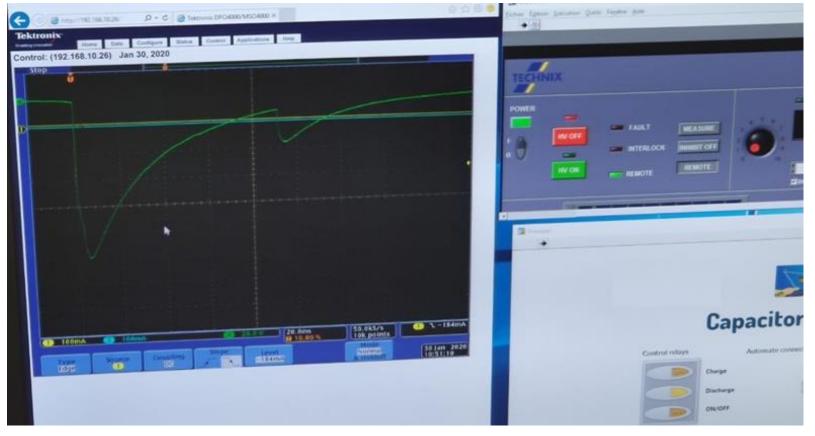


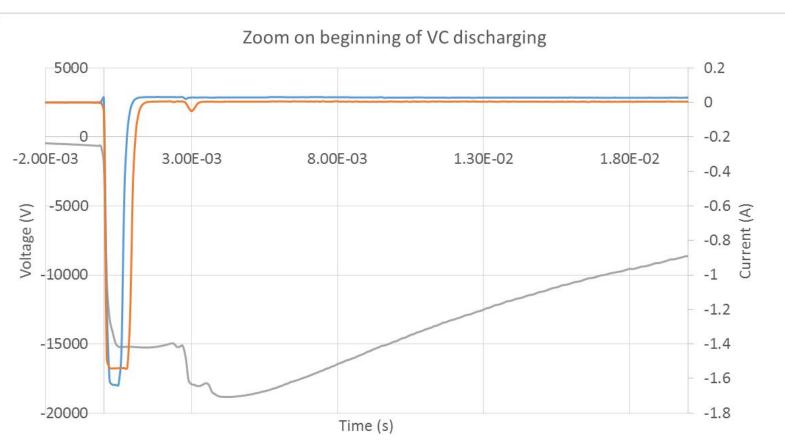


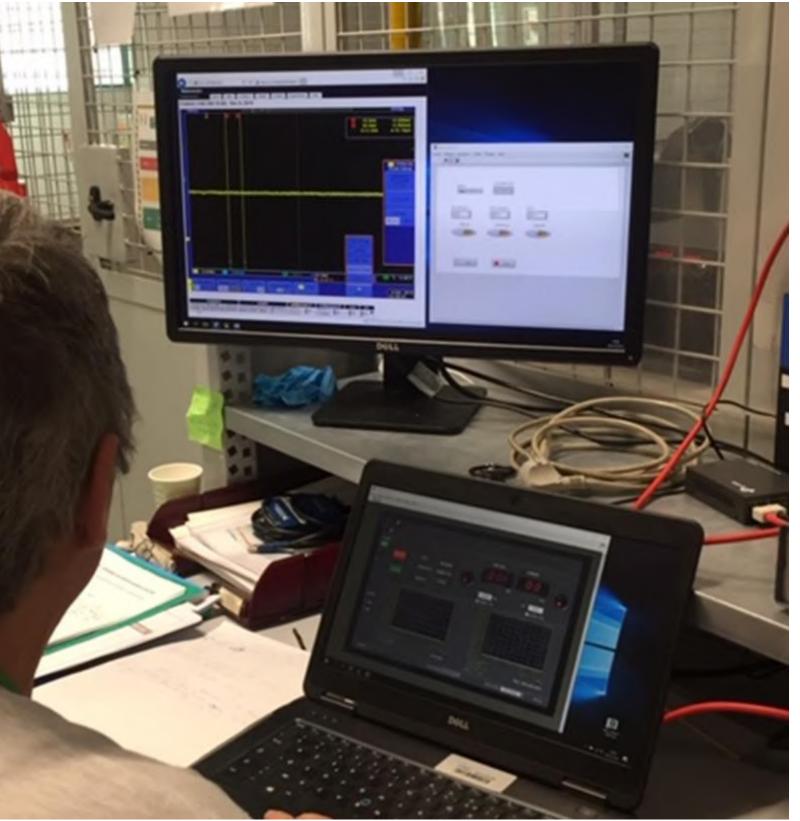


TESTS IN FRANCE (WINTER 2019-2020)













PARTNERSHIP WITH TECHNIP ENERGIES (AUGUST 2020)



FREEL TECH HAS FINALIZED A STRATEGIC PARTNERSHIP WITH TECHNIP ENERGIES (TECHNIPFMC GROUP), SUPPLYING FRESH INVESTMENT, EQUIPMENT, LAB FACILITIES, TECHNICAL AND MARKET EXPERTISE.

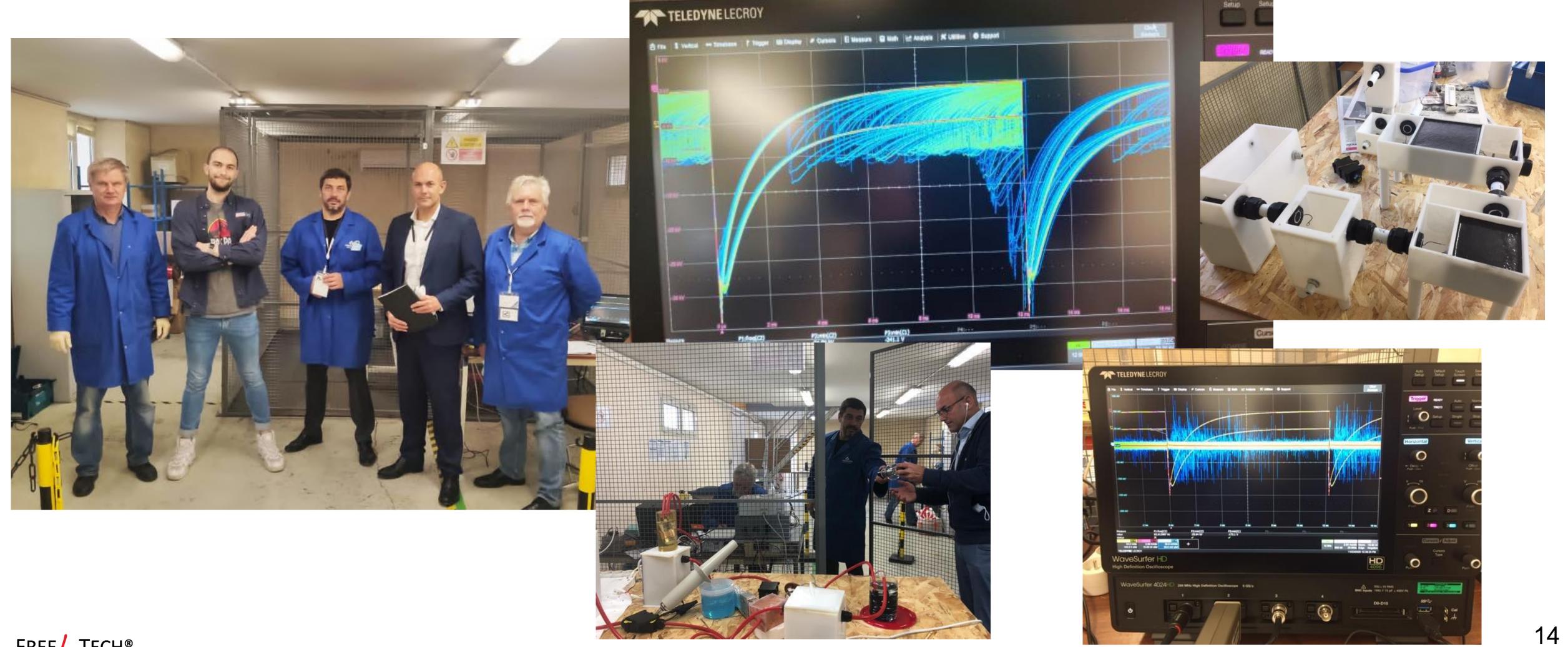
R&D CONTINUES AT A FIRST-CLASS INDUSTRIAL FACILITY IN THE SOUTH OF FRANCE SINCE OCTOBER 2020.





TESTS IN FRANCE (SINCE OCTOBER 2020)





SNAPSHOT





CREATED AND INCORPORATED IN LUXEMBOURG IN APRIL 2017



CORE MANAGEMENT OWNS MAJORITY OF CAPITAL



MULTIPLE WORLDWIDE PATENTS FOR THE TECHNOLOGY