

# SEDIVER



## Company overview

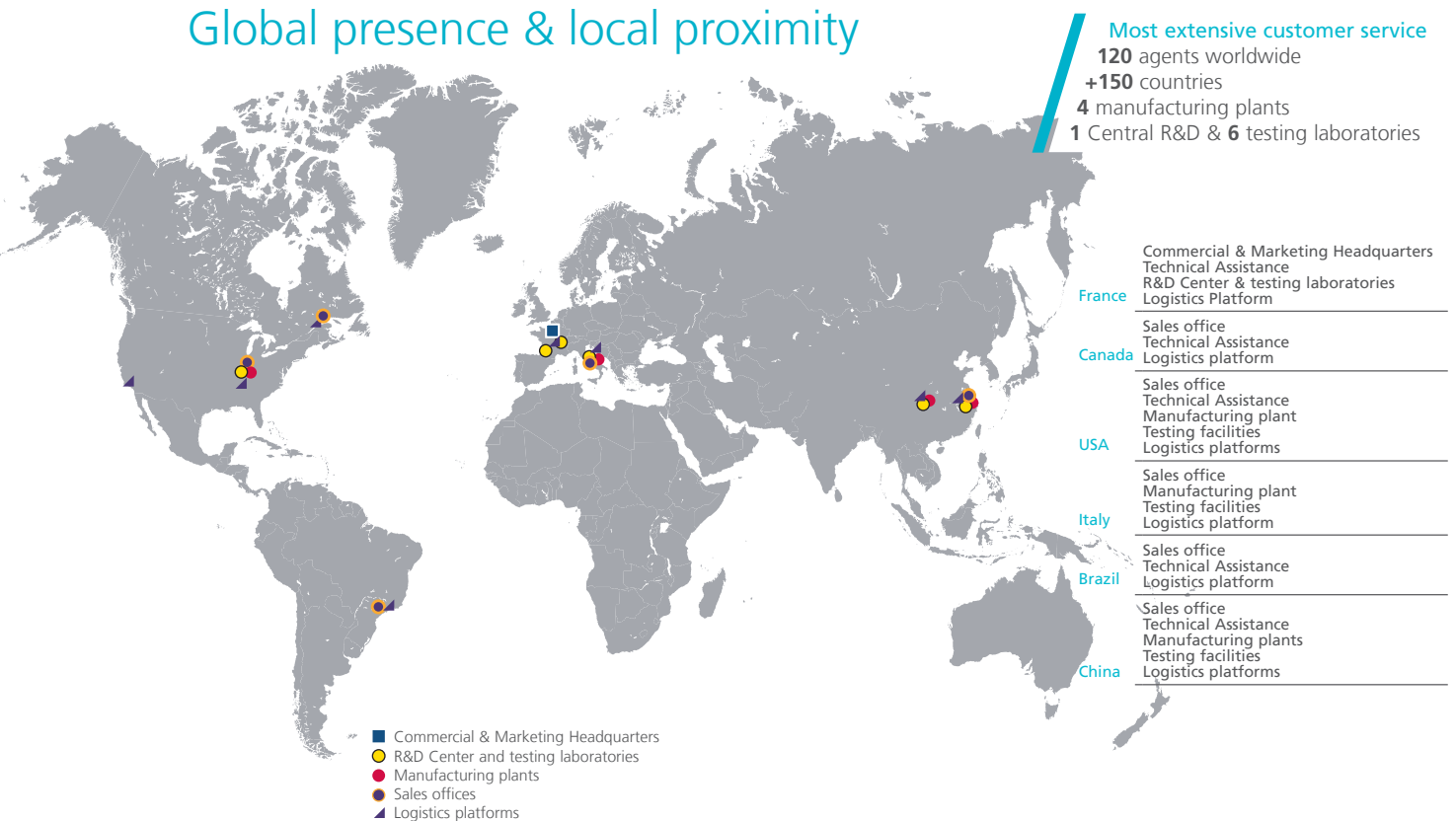
Experts & Pioneers

# The world leader in transmission insulation technology

Long-term leader in its field, Sediver has been specializing for more than 70 years in the research, design, manufacturing, testing and supply of toughened glass insulators, composite insulators and composite surge arresters for High and Ultra-High Voltage power networks and railway catenary systems.

Sediver ensures **the highest reliability and performance** of transmission systems throughout the service time of the line, and under all environmental conditions.

## Global presence & local proximity



## Research & Development, a continuous investment

Always on the lookout for the **latest advances and continuous technological improvements**, Sediver heavily invests in Research & Development and has pioneered some of the major innovations of the industry, with 600 patents to its name.

The Sediver Research Center located in Saint-Yorre, France boasts state-of-the-art equipment that allows our multidisciplinary world-class experts to perform **extensive research programs** as well as test complete strings for systems up to 800 kV.

Through its unique technical expertise gained from 70 years of R&D combined with its extensive field experience of millions of insulators in service, Sediver is **constantly increasing the reliability of its products**.

Sediver is the essential partner for innovation, through its proficiency in **developing and providing top quality innovative solutions**.

# Our complete technical solution

## Sediver toughened glass insulation technology

Built on the **highest quality requirements**, our exclusive technology benefits from the latest technological advances and relies on our extensive engineering know-how, distinctive manufacturing processes and technology, in-house designed equipment, and stringent quality systems and production controls that ensure purity of the highest order in our glass, and the best electrical and mechanical performance of our insulators, thus resulting in **superior operating performance and lower life cycle costs**.

### HVAC

**Broad range of products from medium up to Ultra High Voltage (UHV)**

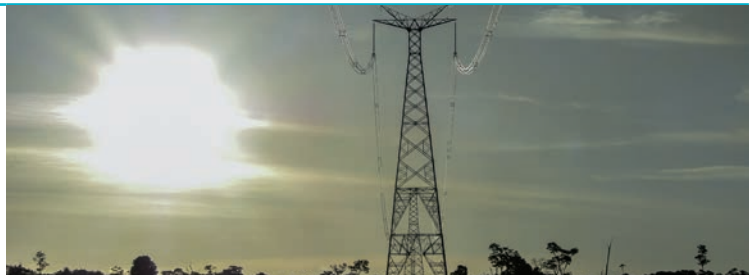
- 70 years of global experience
- 500 million insulators up to 1,000 kV
- From 70 kN up to 840 kN



### HVDC

**Sediver High Resistivity Toughened Glass insulators (HRTG)**

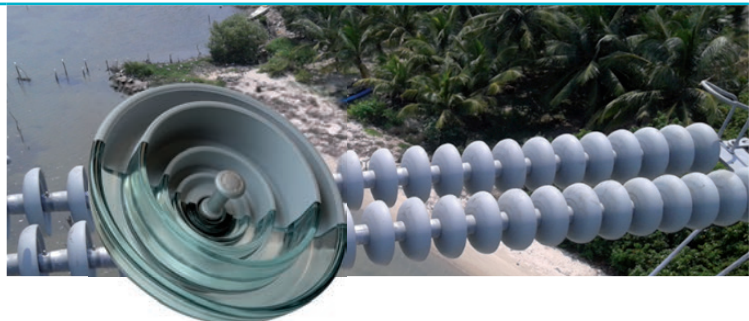
- 50 years of global experience
- 8 million insulators
- Up to 800 kV



### Extreme pollution

**Sedicoat® insulators  
RTV Silicone coated glass insulators**

- 20 years of proven performance
- 2 million insulators
- Up to 500 kV HVAC



## World-class consultancy & trainings

Sediver's team of experts provides world-class consultancy that covers every stage of the line insulation process: selecting the best solutions, optimizing insulator string configuration, and providing accurate diagnostic of lines in service to help make informed decisions and anticipate actions. All these stages contribute to improving the performance of transmission systems.

Sediver offers **extensive training programs** tailored to the needs of industry professionals in maintenance fields. Our specialist courses provided by our technical experts cover applications in real-life situations.



# Trusted for decades

## 150 countries | Utilities served by Sediver

• Abu Dhabi **ADWEA/ADCO** • Albania **KESH** • Algeria **SONELGAZ/GRTE** • Angola **EDEL** • Argentina **ALUSA/CARTELLONE/COBRA/ELECNOR/INTESAR/ISOLUX/LICSA/LITSA/TRANSBA/TRANSENER/TECHINT/TEYMA/ABENGOA** • Austria **OKA/EVN/VERBUND/APG** • Australia **POWERLINK/TRANSGRID/ELECTRANET/ENERGEX/ERGON/SP AUSNET** • Belgium **Elia/SNCB** • Benin **SBEE** • Bosnia & Herzegovina **EPBIH** • Botswana **BPC** • Brazil **ABENGOA/ALUSA/CHESF/CEMIG/COBRA/CTEEP/CYMI/ELECNOR/ELETRONORTE/ELETROSUL/ENGEVIX/FURNAS/IE-MADEIRA(LT 600HVDC)/ISOLUX** • Burkina Faso **SONABEL** • Burundi **EGL** • Cameroon **SONEL** • Canada **ATCO/ALTALINK/BC HYDRO/HYDRO ONE/HYDRO QUEBEC/MANITOBA HYDRO/NEWFOUNDLAND HYDRO/NB POWER/NS POWER/SASKPOWER** • Cape Verde **ELECTRA** • Central African Republic **ENERCA** • Chad **STEE** • Chile **ABENGOA/ALUSA/CHILECTRA/CHILQUINTA/COBRA/COLBUN/ELECNOR/ISOLUX/TRANSELEC** • China **NCPG/NWCPG/CCPG/ECPG/FWCPG/CSG** • Congo **SNE** • Congo (DRC) **SNEL** • Colombia **ISA/ELECTRICAS DE MEDELLIN/EMPRESA DE ENERGÍA DE BOGOTÁ/DESPROING/TRANSELCA** • Costa Rica **ALUSA/I.C.E./CYMI** • Croatia **HEP** • Czech Republic **CEZ** • Cyprus **ELECTRICITY AUTHORITY** • Denmark **ENERGINET** • Djibouti **DJIBELEC** • Dubai **DEWA/MEW** • Ecuador **TRANSELECTRIC** • Egypt **EETC** • Ethiopia **EEPTC** • Finland **SLO-IVO** • France **ENEDIS/RTE/SNCF** • Gabon **SEEG** • Germany **AMPRION/EnBW/TENNET/50Hertz-Elia** • Ghana **VRA/ECG** • Greece **PPC** • Guatemala **ETCEE/DEOCSA/DEORSA** • Guinea **ENELGUI** • Honduras **ENEE** • Hong Kong **CLP** • Hungary **MVM** • Iceland **LANDSNET** • India **PGCIL** • Indonesia **PLN** • Iran **BREC/GREC/HREC/FREC/KWPA/SABREC** • Iraq **MOE ETP/KRG** • Ireland **ESB** • Italy **ENEL/TERNA/RFI** • Ivory Coast **SOPIE/CIE** • Japan **TEPCO/TOHOKU/KEPCO** • Jordan **NEPCO** • Kenya **KLPC** • Laos **EDL** • Lebanon **EDL** • Lesotho **LEC** • Liberia **LEC** • Libya **GECOL** • Luxembourg **CREOS/CFL** • Madagascar **JIRAMA** • Malaysia **TNB** • Mali **EDM/SOGEM** • Mauritius **CEB** • Mauritania **SOMELEC** • Mexico **ABENGOA/COBRA/CYMI/ISOLUX/SADEMEX/TECHINT** • Morocco **ONE** • Mozambique **EDM/HCB** • Myanmar **MEPE** • Namibia **NAMPOWER** • Netherland **TENNET** • New Hebrides **UNELCO** • New Zealand **TRANSPower** • Nicaragua **ENEL** • Niger **NIGELEC** • Nigeria **PHCN** • Norway **STATNETT** • Oman **PDO** • Pakistan **PEPCO** • Panama **ETESA** • Paraguay **ANDE/CIE/CONCRETMIX/TECNO-ELECTRIC** • Peru **ABENGOA/CAMESA/ISOLUX/RED DE ENERGÍA DEL PERU/PROYECTOS DE INFRAESTRUCTURA DEL PERU** • Poland **PSE** • Portugal **REN/EdP** • Qatar **KAHRAMAA** • Romania **NEK** • Rwanda **ELECTROGAZ** • El Salvador **CEK/DELSUR/CLESA/DEASEM/EEO** • Saudi Arabia **SCECO** • Senegal **SENELEC** • Slovenia **EPS** • Spain **REE/IBERDROLA/SEVILLANA/ENDESA/U.FENOSA/FECSA** • Sri Lanka **CEB** • South Africa **ESKOM** • South Korea **KEPCO** • Sudan **NEC** • Sweden **SSPB/SVK** • Syria **PEEGT** • Tanzania **TANESCO** • Thailand **EGAT** • Togo **CEET/CEB** • Tunisia **STEG** • Turkey **TEAS** • Uganda **UEB** • Ukraine **UKRENERGO** • United Kingdom **NGT/SP/SSE** • USA **AEP/AMEREN/AUSTIN ENERGY/BPA/DOMINION/EXELON/IDAHO POWER/PG&E/PPL/PSEG** • Uruguay **UTE** • Venezuela **CORPOELEC/SURADEN** • Vietnam **NPPMB/CPMB/SPPMB** • Yemen **PEC** • Zambia **ZESCO** • Zimbabwe **ZESA**