

What can Altrans energies do for You?

Looking forward to proposing it to our partners! Altrans Energies pioneers advanced solutions in global and predictive monitoring seamlessly integrating innovative sensing and quantum-inspired AI algorithms to enhance the resilience of grids and to reduce their maintenance cost.

How will EDF power French Guiana?

It will be connected to French Guiana's electricity grid through EDF's substation in Saint-Laurent-du-Maroni. The facility will provide reliable and clean electricity to power up to 10,000 French Guiana households. It will meet half of the energy demand in Saint-Laurent-du-Maroni and the Mana commune of French Guiana.

How much daylight does French Guiana have?

French Guiana is situated in northern South America, close to the equator. It, therefore, boasts 12 hours of daylight throughout the year, which will allow the CEOG solar-cum-green hydrogen power project to operate consistently as a baseload facility all year round.

Ensure the reliability and efficiency of your power grid with our state-of-the-art, autonomous surveillance solutions. Developed through extensive real-world testing, our technology leverages early fault indicators to enforce predictive and preventive maintenance across all voltage levels.

Altrans Energy Global, in partnership with Altrans Energies SAS, offers patented, 24/7 energy surveillance technologies. Established in 2020 in Grenoble, France, our expertise is backed by over 15 years of research and more than 40 ...

Altrans Energies pioneers advanced solutions in global and predictive monitoring seamlessly integrating innovative sensing and quantum-inspired AI algorithms to enhance the resilience of grids and to reduce their maintenance cost. Innovation. Products. About Us ...

ALTRANS ENERGIES &#224; GRENOBLE (38000) : Bilans, statuts, chiffre d'affaires, dirigeants, actionnaires, lev&#233;es de fonds, annonces l&#233;gales, APE, NAF, TVA, RCS, SIREN ...

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Cultural Melting Pot. French Guiana's history and culture are deeply influenced by a mix of indigenous peoples, African descendants, and European settlers. This blend has created a rich cultural tapestry that is evident in the region's traditions, cuisine, and festivals.. The population is a vibrant mix of ethnic groups, including Creole, Maroons, Amerindians, ...

More energies. Renewables & electricity. We operate several solar power plants in French Guiana, especially through our affiliates Total Eren and Sunzil. In particular, we are developing the MAYA project, which offers a solar alternative to the D&#233;grad des Cannes oil-fired power plant.

D&#233;couvrez l'interview de Cornel Ioana pr&#233;sident-fondateur de la soci&#233;t&#233; Altrans Energies et enseignant-chercheur &#224; Grenoble INP - Ense3 et au GIPSA-lab. Il y ...

The active sensing developed by Altrans Energies is a concept that exploits the propagation of a known emitted waveform. The physics of wave propagation through dispersive media form the foundation for a powerful approach to identifying and localizing instabilities, anomalies, and pre-faults in power grids and pipelines.

In French Guiana, a community of indigenous Kali'na began actively resisting plans for the world's first baseload renewable power plant using hydrogen technology--the CEOG project--in November 2022. The energy company, Hydrogene de France (HDF Energy), had touted the plans as an initiative that would deliver jobs for the local community, support a ...

The CEOG power project is backed by a 25-year power purchase agreement (PPA) signed with the French utility EDF. It will be connected to French Guiana's electricity grid through EDF's substation in ...

I am Associate Professor with GRENOBLE-INP, Engineering School for Energy, Water and... &#183; Exp&#233;rience : Altrans Energies &#183; Formation : Universit&#233; Grenoble Alpes &#183; Lieu : Grenoble &#183; 500 relations ou plus sur LinkedIn. Consultez le profil ...

Altrans &#201;nergies, a Grenoble startup that specializes in power distribution and equipment monitoring solutions, is one of fifteen winners selected for the New ... an initiative of the Office for Science and Technology of the French Embassy in the United States. The startup, which already has a dozen pilot projects running in France and China ...

Also called the Western French Guiana power plant, the project includes a 55MW photovoltaic (PV) solar park and a 128MWh hydrogen-based energy storage system, along with a battery for short-term energy storage.

La solution de surveillance d'Altrans Energies est flexible et s'adapte aux diff&#233;rents types de r&#233;seaux, qu'ils soient &#233;lectriques, gaziers ou hydrauliques. Elle utilise des techniques de d&#233;tection adapt&#233;es aux caract&#233;ristiques sp&#233;cifiques de chaque type de r&#233;seau, en op&#233;rant dans les domaines acoustique et &#233;lectromagn&#233;tique.

Web: <https://www.gennergyps.co.za>