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Pressbook

TOTAL EREN – Projeet Villarpando

13 octobre 2022


BRUNSWICK

Marenta y nueva
(90)

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France

Presse spécialisée Business

La Tribune Bourse – Total : s'implante sur le marché solaire dominicain

10 octobre 2022

Total Eren et Visolar Holding annoncent qu'ils développeront, financeront et exploiteront un projet solaire photovoltaïque de 100 MWac intitulé ' Villarpando ' qui sera situé dans la province d'Azua, en République dominicaine.

Les partenaires ont maintenant débuté les travaux de construction. La centrale sera l'un des plus grands investissements étrangers dans un projet solaire dans la région des Caraïbes.

Villarpando sera en capacité de produire environ 200 GWh par an d'énergie renouvelable, permettant d'alimenter environ 135 000 personnes en République dominicaine.

L'électricité produite a fait l'objet d'un contrat de vente de 15 ans signé le 14 octobre 2021 avec Edesur Dominicana S.A., l'une des sociétés publiques locale de distribution électrique.

Villarpando, dont l'investissement total représente environ 120 millions de dollars, participera ainsi à la croissance durable et contribuera à créer près de 250 emplois.

Martin Rocher, vice-président en charge des activités de Total Eren en Amérique, précise : ' Grâce à ce projet, Total Eren répond au besoin du gouvernement dominicain de diversifier son bouquet énergétique avec une électricité propre, compétitive et fiable.

Cet article est repris par Cercle Finance, BFM Bourse, Le Journal des OPA, La Tribune Bourse, Bourse Fortuneo et Zone Bourse.

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Ciento uno (101)

Le Figaro Bourse – Energies renouvelables : Total Eren s'implante sur le marché dominicain

06 octobre 2022

Total Eren, acteur de la production indépendante d'électricité basé à Paris, noue un partenariat avec la société dominicaine Visolar Holding S.A. et Grupo Pais. Les partenaires développeront, financeront, construiront et exploiteront un projet solaire photovoltaïque de 100 MWac intitulé « Villarpando » qui sera situé dans la province d'Azua, en République dominicaine. Les travaux de construction ont débuté sur le site du projet Villarpando. La centrale sera l'un des plus grands investissements étrangers dans un projet solaire dans la région des Caraïbes.

Grâce à ce projet en développement, Total Eren s'implante sur le marché dominicain des énergies renouvelables à fort potentiel. En ouvrant un premier bureau à Saint Domingue par le biais de sa filiale Total Eren Dominicana, le groupe poursuivra les prochaines étapes du projet Villarpando et développera les activités de Total Eren dans ce pays.

Villarpando, dont l'investissement total représente environ 120 millions de dollars, participera ainsi à la croissance durable et contribuera à l'emploi local dans la province d'Azua, avec la création de près de 250 emplois dans le cadre de la construction du parc, et environ 60 emplois permanents directs et indirects qui seront créés pour la phase d'exploitation et de maintenance.

Cet article est repris par Capital, AOF, Funds Magazine, The Latest News, Blaze Trends, Bourse Direct.

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Ciento dos
(102)

Presse spécialisée Energies

Energy News - Total Eren Mise sur le Marché Dominicain

10 octobre 2022

Total Eren projette, sur le marché dominicain, une centrale photovoltaïque de 100 MWac en partenariat avec JMMB et Grupo Pais.

Un partenariat stratégique

Total Eren, et Visolar Holding annoncent travailler ensemble pour un projet intitulé Villarpando. Il s'agit d'une centrale photovoltaïque de 100 MWac qui se situe dans la province d'Azua, en République dominicaine. Les partenaires veulent développer, financer, construire et exploiter Villarpando ensemble.

Cette décision fait suite à la signature en mars 2022 d'un pacte d'actionnaires. Ainsi, ce pacte stipule une participation de 51% de Total Eren et de 49% de Visolar dans le projet. Après six mois d'efforts, les partenaires entament les travaux de construction du projet Villarpando.

Le potentiel du projet

L'investissement total pour Villarpando est d'environ \$120 millions. C'est l'un des plus grands investissements étrangers dans un projet solaire dans la région des Caraïbes. Le projet Villarpando va produire environ 200GWh par an d'énergie renouvelable.

La centrale pourra alimenter approximativement 135.000 dominicains. Le projet en partenariat avec Total Eren permettra d'économiser 125.000 tonnes d'émissions de dioxyde de carbone par an. En outre, Villarpando génèrera près de 250 emplois dans le cadre de la construction du parc et 60 emplois permanents directs.

Implantation sur le territoire dominicain

Total Eren a ouvert un premier bureau à Saint-Domingue. Grâce à sa filiale Total Eren Dominicana, le groupe continuera d'avancer dans le projet Villarpando. Il développera aussi les activités de Total Eren en République dominicaine.

Depuis octobre 2021, un contrat de vente d'une durée de 15 ans existe avec Edesur Dominicana. Il s'agit d'une des sociétés publiques locales de distribution électrique. La société achètera l'électricité produite par le parc photovoltaïque.

Une version anglaise de l'article est également publiée.

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(103)*

PV Magazine - Total Eren s'implante sur le marché dominicain avec un projet solaire de 130 MWc

07 octobre 2022

Une fois achevé, le parc photovoltaïque Villarpando produira environ 200 GWh par an d'électricité renouvelable, qui sera revendue à Edesur Dominicana S.A., l'une des sociétés publiques locale de distribution électrique, via un contrat de vente d'électricité de 15 ans.

IPP français Total Eren s'est associé avec la société dominicaine Visolar Holding S.A., véhicule d'investissement de JMMB Sustainable Energy Fund FES, et l'entreprise Grupo Pais pour co-développer le projet solaire photovoltaïque de 100 MWac (130 MWc) de « Villarpando » qui sera situé dans la province d'Azua, en République dominicaine. Les termes du contrat comprennent le financement, la construction et l'exploitation du parc.

Suite à la signature en mars 2022 d'un pacte d'actionnaires (organisant les participations respectives de Total Eren à 51 % et Visolar à 49 %, dans le projet), les partenaires ont maintenant débuté les travaux de construction sur le site. Selon leurs dires, la centrale sera l'un des plus grands investissements étrangers dans un projet solaire dans la région des Caraïbes.

Une fois achevé, Villarpando produira environ 200 GWh par an d'électricité renouvelable, qui sera revendue à Edesur Dominicana S.A., l'une des sociétés publiques locale de distribution électrique, via un contrat de vente d'électricité de 15 ans signé le 14 octobre 2021.

Représentant un investissement d'environ 120 millions de dollars, Villarpando contribuera à la création de près de 250 emplois dans le cadre de la construction du parc, et environ 60 emplois permanents directs et indirects pour la phase d'exploitation et de maintenance.

Avec ce projet, Total Eren s'implante sur le marché dominicain des énergies renouvelables qui présente un fort potentiel. L'entreprise a ouvert un premier bureau à Saint Domingue et, par le biais de sa filiale Total Eren Dominicana, poursuivra les prochaines étapes du projet Villarpando et développera les activités de Total Eren dans le pays. « Grâce à ce projet, Total Eren répond au besoin du gouvernement dominicain de diversifier son bouquet énergétique avec une électricité propre, compétitive et fiable », a ajouté Martin Rocher, vice-président en charge des activités de Total Eren en Amérique.

Des versions anglaise et espagnole de l'article sont publiées.



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International

Presse nationale

Dominican Today – Total Eren enters the Dominican renewable energy market

07 octobre 2022

Total Eren, a leading renewable energy Independent Power Producer ("IPP") based in Paris, and Visolar Holding S.A., a Dominican company, as investment vehicle of JMMB Sustainable Energy Fund FES and Grupo Pais (together the "Partners") are pleased to announce that they will develop, finance, build and operate a 100 MWac solar photovoltaic (PV) project called "Villarpando" located in the Azua Province, in the Dominican Republic.

Following the execution in March 2022 of a Shareholders Agreement in relation to the respective ownership of Total Eren (51%) and Visolar (49%) in the project, and completion of development efforts over the last six months, the Partners have now started construction works on site of the Villarpando project.

Villarpando will be among the largest foreign investment in a solar project in the Caribbean region. Once completed, it will produce about 200 GWh per year, enough to supply about 135,000 people in the Dominican Republic while saving 125,000 tonnes of CO2 emissions per year.

The electricity to be generated by the PV farm has been contracted through a 15-year Power Purchase Agreement (PPA) signed on October 14th, 2021 with Edesur Dominicana S.A, one of the State-owned electricity distribution companies.

Villarpando, with a total investment of circa US\$120 million, will support sustainable growth and contribute to local employment in the Province of Azua, with about 250 people to be employed during construction, and about 60 indirect and direct permanent jobs to be created for the Operation and Maintenance phase.

With this project, Total Eren enters the Dominican renewable energy market, a market where the company sees high potential. Total Eren has opened its first office in San Domingo, and through its affiliate, Total Eren Dominicana, will pursue the next steps of the Villarpando project and expand Total Eren's activities in the Dominican Republic.

Fabienne Demol, Executive Vice-President and Global Head of Business Development of Total Eren, commented: "We are very pleased to partner with JMMB Sustainable Energy Fund FES and Grupo Pais to develop this new solar project in the Dominican Republic, the first project of Total Eren in the country.

I want to thank the Dominican authorities for their support, as well as our partners and our teams for their outstanding work. I am very enthusiastic about the construction of Villarpando and look forward to pursuing our growth in the Latin American market."

Martin Rocher, Vice-President in charge of Total Eren's activities in the Americas, added: "Thanks to this project, Total Eren addresses the need of the Dominican Government to diversify its energy mix with competitive and reliable clean electricity. The country will need more renewables and we are eager to do more projects of this kind and to accelerate our development in the Caribbean region."

Jesús Cornejo, General Manager of JMMB Funds, explains: "Our Sustainable Energy Fund ("JMMB FES") is delighted to participate with a world-class partner like Total Eren in this transaction, which is expected to have a major social, economic and environmental impact in our country. JMMB FES is supported by some of the



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most relevant Pension Funds in the Dominican Republic, effectively channeling workers' savings in the long-term development of the country."

Juan Carlos Pais, Chief Executive Officer of Grupo Pais, stated: "We are excited to be partnering with a world-class renewable energy player like Total Eren and being able to channel local funds to impact the economy in an environmentally friendly way, via the JMMB FES initiative. Being a local support for the major energy companies has been key to them entering our market and we expect to continue structuring new investment opportunities together in the near future."

About Total Eren

Founded in 2012 by Pâris Mouratoglou and David Corchia, Total Eren develops, finances, builds and operates renewable energy power plants (solar, wind, hydro) representing a gross capacity of more than 3,600 MW in operation or under construction worldwide. Through partnerships with local developers, Total Eren is currently developing numerous energy projects in countries and regions where renewable energy represents an economically viable response to growing energy demand such as in Europe, in Central and South Asia, in Asia Pacific, in Latin

Total Eren in Latin America

In addition to the Dominican Republic, Total Eren is developing, building, and operating several renewable energy projects in other countries of the Latin American region, including Central America and the Caribbean. Total Eren owns 300 MW of installed capacity in Brazil and 180 MW of operating plants in Argentina (both solar and wind). Besides, together with TotalEnergies, Total Eren owns 190 MWp of solar capacity in operation in Chile, a country where Total Eren has secured lands and launched studies aiming to develop a large-scale green hydrogen project totalling up to 10 GW of wind installed capacity in the Magallanes region. Total Eren is also co-developing a 14.8 MWp microgrid renewable energy project in the Galápagos Islands along with its Ecuadorian partner, Gransolar.

TotalEnergies in the Dominican Republic

TotalEnergies has a direct presence in the Dominican Republic since 2016. The Company currently manages a network of more than 130 service stations distributed throughout the national territory and relies on a workforce of more than 1,000 employees. The Company distributes a wide range of lubricants, special fluids, and Natural Gas nationwide.

About Visolar Holding

Visolar Holding is a Dominican company controlled by JMMB FES managed by JMMB Funds and with GP Capital Partners as its investment's originator & advisor.

JMMB is a Caribbean based financial group, with a 30-year trajectory that today manages more than 300,000 clients. In the Dominican Republic, JMMB has continued its expansion and today holds a diversified financial portfolio that includes: JMMB Banco de Ahorro y Crédito, S.A., JMMB Sociedad Administradora de Fondos de Inversión, S.A., JMMB Puesto de Bolsa, S.A., and AFP JMMB-BDI, S.A., that together total more than RD\$38,000MM in assets under management.

GP Capital Partners is the asset management and investment company of Grupo Pais, focusing on real estate, infrastructure, and energy development. It is responsible for the origination, structuring, and investment strategy of the JMMB FES. Grupo Pais is a diversified conglomerate based in the Dominican Republic.

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Listin diario – Total Eren y Visolar Holding invertirán US\$120 MM en un proyecto solar de 100 mwac en Azua

06 octubre 2022

Total Eren, productor independiente líder en energía renovable ("IPP") con sede en París, y Visolar Holding S.A., y la empresa dominicana, vehículo de inversión de JMMB Fondo de Inversión Cerrado de Desarrollo de Sociedades de Energía Sostenible y Grupo País desarrollarán, financiarán, construirán y operarán un proyecto solar fotovoltaico de 100 MWac denominado "Villarpando", en Azua, con una inversión de US\$120 millones.

Villarpando estará entre la mayor inversión extranjera en un proyecto solar en la región del Caribe. Una vez terminado, producirá unos 200 GWh al año, suficiente para abastecer a unas 135,000 personas en República Dominicana y ahorrar 125,000 toneladas de emisiones de CO2 al año.

La electricidad que generará el parque fotovoltaico se ha contratada a través de un Acuerdo de Compra de Energía (PPA) de 15 años firmado el 14 de octubre de 2021 con Edesur Dominicana S.A, una de las empresas estatales de distribución de electricidad.

Villarpando, con una inversión total de alrededor de US\$120 millones, apoyará el crecimiento sostenible y contribuirá al empleo local en la Provincia de Azua, con cerca de 250 personas que serán empleadas durante la construcción, y cerca de 60 empleos permanentes indirectos y directos que se crearán para la Fase de Operación y Mantenimiento.

Con este proyecto, Total Eren ingresa al mercado dominicano de energías renovables, un país donde la empresa ve un alto potencial. Total Eren ha abierto una primera oficina en Santo Domingo y, a través de su filial, Total Eren Dominicana, seguirá los próximos pasos del proyecto Villarpando y expandirá las actividades de Total Eren en la República Dominicana.

Tras la firma en marzo del 2022 de un Pacto de Accionistas, con relación con la participación respectiva de Total Eren (51%) y Visolar (49%) en el proyecto, así como la finalización de los esfuerzos de desarrollo durante los últimos seis meses, los socios han iniciado los trabajos de construcción en el terreno del proyecto.

Fabienne Demol, vicepresidenta ejecutiva y directora global de Desarrollo de Negocios de Total Eren, comentó: "Estamos muy contentos de asociarnos con JMMB Fondo de Energía Sostenible FES y Grupo País para desarrollar este nuevo proyecto solar en República Dominicana, el primer proyecto de Total Eren en el país. Quiero agradecer a las autoridades dominicanas por su apoyo, así como a nuestros socios y nuestros equipos por su excelente trabajo. Estoy muy entusiasmada con la construcción de Villarpando y espero continuar nuestro crecimiento en el mercado latinoamericano".

Martin Rocher, vicepresidente a cargo de las actividades de Total Eren en las Américas, agregó: "Gracias a este proyecto, Total Eren responde la necesidad del gobierno dominicano de diversificar su matriz energética con electricidad limpia competitiva y confiable. El país necesitará más energías renovables y estamos ansiosos por hacer más proyectos de este tipo y acelerar nuestro desarrollo en la región del Caribe".

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Jesús Cornejo, director general de JMMB Funds, explica: "Nuestro Fondo de Energía Sostenible ("JMMB FES") está encantado de participar con un socio de clase mundial como Total Eren en esta transacción, que se espera tenga un gran impacto social, ambiental y económico en nuestro país. JMMB FES cuenta con el respaldo de algunos de los Fondos de Pensiones más relevantes de la República Dominicana, canalizando de manera efectiva los ahorros de los trabajadores en el desarrollo a largo plazo del país".

Juan Carlos Pais, director general de Grupo Pais, declaró: "Estamos entusiasmados de asociarnos con un jugador de energía renovable de clase mundial como Total Eren y poder canalizar fondos locales para impactar la economía de una manera respetuosa con el medio ambiente, a través de la iniciativa JMMB FES. Ser un apoyo local para las principales empresas de energía ha sido clave para que ingresen a nuestro mercado y esperamos seguir estructurando juntos nuevas oportunidades de inversión en el futuro cercano".

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El Nuevo Diario – Total Eren entra al mercado dominicano de energías renovables a través de un proyecto solar

06 octubre 2022

Total Eren, un productor independiente líder en energía renovable ("IPP") con sede en París, y Visolar Holding S.A., una empresa dominicana, como vehículo de inversión de JMMB Fondo de Inversión Cerrado de Desarrollo de Sociedades de Energía Sostenible y Grupo País (juntos "los Socios") se complacen en anunciar que desarrollarán, financiarán, construirán y operarán un Proyecto solar fotovoltaico (PV) de 100 MWac denominado "Villarpando" ubicado en la Provincia del Azua, República Dominicana.

Tras la firma en marzo del 2022 de un Pacto de Accionistas, en relación con la participación respectiva de Total Eren (51%) y Visolar (49%) en el proyecto, así como la finalización de los esfuerzos de desarrollo durante los últimos seis meses, los Socios han iniciado los trabajos de construcción en el terreno del proyecto.

Villarpando estará entre la mayor inversión extranjera en un proyecto solar en la región del Caribe. Una vez terminado, producirá unos 200 GWh al año, suficiente para abastecer a unas 135,000 personas en la República Dominicana y ahorrar 125,000 toneladas de emisiones de CO₂ al año.

La electricidad que generará el parque fotovoltaico se ha contratada a través de un Acuerdo de Compra de Energía (PPA) de 15 años firmado el 14 de octubre de 2021 con Edesur Dominicana S.A, una de las empresas estatales de distribución de electricidad.

Villarpando, con una inversión total de alrededor de US\$120 millones, apoyará el crecimiento sostenible y contribuirá al empleo local en la Provincia de Azua, con cerca de 250 personas que serán empleadas durante la construcción, y cerca de 60 empleos permanentes indirectos y directos que se crearán para la Fase de Operación y Mantenimiento.

Con este proyecto, Total Eren ingresa al mercado dominicano de energías renovables, un país donde la empresa ve un alto potencial. Total Eren ha abierto una primera oficina en Santo Domingo y, a través de su filial, Total Eren Dominicana, seguirá los próximos pasos del proyecto Villarpando y expandirá las actividades de Total Eren en la República Dominicana.

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Jesús Cornejo, Director General de JMMB Funds, explica: "Nuestro Fondo de Energía Sostenible ("JMMB FES") está encantado de participar con un socio de clase mundial como Total Eren en esta transacción, que se espera tenga un gran impacto social, ambiental y económico en nuestro país. JMMB FES cuenta con el respaldo de algunos de los Fondos de Pensiones más relevantes de la República Dominicana, canalizando de manera efectiva los ahorros de los trabajadores en el desarrollo a largo plazo del país".

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Acerca de Total Eren

Fundada en 2012 por Pâris Mouratoglou y David Corchia, Total Eren desarrolla, financia, construye y opera plantas de energía renovable (solar, eólica, hidráulica) que representan una capacidad bruta de más de 3.600 MW en operación o en construcción en todo el mundo. A través de asociaciones con desarrolladores locales, Total Eren está desarrollando actualmente numerosos proyectos de energía en países y regiones donde la energía renovable representa una respuesta económicamente viable a la creciente demanda de energía, como en Europa, en Asia Central y Meridional, Asia Pacífico, América Latina y en África. Desde diciembre de 2017, TotalEnergies, la principal empresa de energía, participa como accionista de Total Eren.

Para obtener más información, visite www.total-eren.com.

Total Eren en Latinoamérica

Además de República Dominicana, Total Eren está desarrollando, construyendo y operando varios proyectos de energía renovable en otros países de la región latinoamericana, incluidos Centroamérica y el Caribe. Total Eren posee 300 MW de capacidad instalada en Brasil y 180 MW de plantas operativas en Argentina (tanto solar como eólica). Además, junto con TotalEnergies, Total Eren posee 190 MWp de capacidad solar en operación en Chile, país donde Total Eren ha asegurado terrenos y ha lanzado estudios para desarrollar un proyecto de hidrógeno verde a gran escala por un total de hasta 10 GW de capacidad eólica instalada en la región de Magallanes. Total Eren también co-desarrolla un proyecto de energía renovable de microrred de 14,8 MWp en las Islas Galápagos junto con su socio ecuatoriano, Gransolar.

TotalEnergies en la República Dominicana

TotalEnergies tiene presencia directa en República Dominicana desde 2016. La Compañía gestiona actualmente una red de más de 130 estaciones de servicio distribuidas por todo el territorio nacional, y cuenta con una plantilla de más de 1.000 empleados. La Compañía distribuye una amplia gama de lubricantes, fluidos especiales y Gas Natural a nivel nacional.

Acerca de Visolar Holding



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Visolar Holding es una empresa dominicana controlada por JMMB FES administrada por JMMB Funds y con GP Capital Partners como originador y asesor de inversiones.

JMMB es un grupo financiero con base en el Caribe, con una trayectoria de 30 años que hoy maneja más de 300,000 clientes. En República Dominicana, JMMB ha continuado su expansión y hoy cuenta con una cartera financiera diversificada que incluye: JMMB Banco de Ahorro y Crédito, SA, JMMB Sociedad Administradora de Fondos de Inversión, SA, JMMB Puesto de Bolsa, SA, AFP JMMB-BDI, SA, que en conjunto suman más de RD\$38,000MM en activos bajo administración.

GP Capital Partners es la empresa de inversión y gestión de activos de Grupo País, enfocada en el desarrollo inmobiliario, de infraestructura y energético. Es aliado en la estrategia de originación, estructuración e inversión de JMMB FES. Grupo País es un conglomerado diversificado con sede en República Dominicana.

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Presse spécialisée Business

MarketLine – Total Eren and Visolar to Invest USD120 Million in Villarpando Solar Project in Dominican Republic

08 octobre

Total Eren, a company engaged in independent electricity production based in Paris, and Visolar Holding SA, a Dominican company, investment vehicle of JMMB Sustainable Energy Fund FES and Grupo Pais (together the Partners) are pleased to announce that they will develop, finance, construct and operate a 100 MWac solar photovoltaic (PV) project titled "Villarpando" which will be located in Azua Province, Dominican Republic. Following the signing of a shareholders' agreement in March 2022 (organizing the respective stakes of Total Eren, 51% and Visolar, 49%, in the project), and after the development efforts carried out over the past six months, the Partners have started construction work on the Villarpando project site. Once completed, Villarpando will be able to produce approximately 200 GWh per year of renewable energy, making it possible to supply approximately 135,000 people in the Dominican Republic while saving 125,000 tonnes of CO2 emissions per year. The electricity that will be produced by the photovoltaic park was the subject of a 15-year electricity sales contract signed on October 14, 2021 with Edesur Dominicana SA, a local public electricity distribution company. Villarpando, whose total investment represents approximately 120 million dollars, will thus participate in sustainable growth and will contribute to local employment in the province of Azua, with the creation of nearly 250 jobs as part of the construction of the park, and approximately 60 direct and indirect permanent jobs that will be created for the construction phase, operation and maintenance. With this project, Total Eren is gaining a foothold in the Dominican renewable energy market. Total Eren has opened a first office in Santo Domingo and, through its subsidiary Total Eren Dominicana, will pursue the next stages of the Villarpando project and develop Total Eren's activities in the country. The investment per MW will be USD1.2 million.

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IPP Journal – Total Eren starts construction of 100 MW solar PV project in Dominican Republic

07 octobre 2022

Total Eren has launched the construction of the 100 MW (AC) Villarpando solar photovoltaic (PV) project in Azua province, Dominican Republic. The company owns 51% ownership of the solar farm whereas Visolar Holding SA and its partner own the other 49%.

Total Eren will be responsible for the development, financing, building and operation of the solar project. The project has the capacity to generate about 200 GWh per year, enough to supply about 135,000 people in the Dominican Republic while saving 125,000 tonnes of CO2 emissions per year.

The solar farm will require an estimated US\$120 million investment. Edesur Dominicana SA has signed a 15-year Power Purchase Agreement (PPA) for the supply of power generated by the solar facility.



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(JP)

Business News Americas – Total Eren enters the Dominican renewable energy market through a 100 MWac solar project with JMMB FES

06 octobre 2022

Total Eren, a leading renewable energy Independent Power Producer ("IPP") based in Paris, and Visolar Holding S.A., a Dominican company, as investment vehicle of JMMB Sustainable Energy Fund FES and Grupo Pais (together the "Partners") are pleased to announce that they will develop, finance, build and operate a 100 MWac solar photovoltaic (PV) project called "Villarpando" located in the Azua Province, in the Dominican Republic.

Following the execution in March 2022 of a Shareholders Agreement in relation to the respective ownership of Total Eren (51%) and Visolar (49%) in the project, and completion of development efforts over the last six months, the Partners have now started construction works on site of the Villarpando project.

Villarpando will be among the largest foreign investment in a solar project in the Caribbean region. Once completed, it will produce about 200 GWh per year, enough to supply about 135,000 people in the Dominican Republic while saving 125,000 tonnes of CO2 emissions per year.

The electricity to be generated by the PV farm has been contracted through a 15-year Power Purchase Agreement (PPA) signed on October 14th 2021 with Edesur Dominicana S.A, one of the State-owned electricity distribution companies.

Villarpando, with a total investment of circa US\$120 million, will support sustainable growth and contribute to local employment in the Province of Azua, with about 250 people to be employed during construction, and about 60 indirect and direct permanent jobs to be created for the Operation and Maintenance phase.

With this project, Total Eren enters the Dominican renewable energy market, a market where the company sees high potential. Total Eren has opened a first office in San Domingo, and through its affiliate, Total Eren Dominicana, will pursue the next steps of the Villarpando project and expand Total Eren's activities in the Dominican Republic.

Fabienne Demol, Executive Vice-President and Global Head of Business Development of Total Eren, commented: "We are very pleased to partner with JMMB Sustainable Energy Fund FES and Grupo Pais to develop this new solar project in the Dominican Republic, the first project of Total Eren in the country. I want to thank the Dominican authorities for their support, as well as our partners and our teams for their outstanding work. I am very enthusiastic about the construction of Villarpando and look forward to pursuing our growth in the Latin American market."

Martin Rocher, Vice-President in charge of Total Eren's activities in the Americas, added: "Thanks to this project, Total Eren addresses the need of the Dominican Government to diversify its energy mix with competitive and reliable clean electricity. The country will need more renewables and we are eager to do more projects of this kind and to accelerate our development in the Caribbean region."

Jesús Cornejo, General Manager of JMMB Funds, explains: "Our Sustainable Energy Fund ("JMMB FES") is delighted to participate with a world-class partner like Total Eren in this transaction, which is expected to have



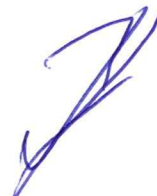
Cinto Cacerzo

a major social, economic and environmental impact in our country. JMMB FES is supported by some of the most relevant Pension Funds in the Dominican Republic, effectively channeling workers' savings in the long-term development of the country."

(14)

Juan Carlos Pais, Chief Executive Officer of Grupo Pais, stated: "We are excited to be partnering with a world class renewable energy player like Total Eren and being able to channel local funds to impact the economy in an environmentally friendly way, via the JMMB FES initiative. Being a local support for the major energy companies has been key to them entering our market and we expect to continue structuring new investment opportunities together in the near future."

Une version espagnole de l'article est également publiée.



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Presse spécialisée Energies

Renewables Now – Total Eren, Visolar launch 100-MW PV project in Dominican Republic

06 octobre 2022

Paris-based independent power producer (IPP) Total Eren said on Thursday that it has started building a 100-MW (AC) solar PV farm in the Dominican Republic alongside a local partner.

In March 2022, Total Eren signed a shareholders agreement to define ownership over the project, called Villarpando. The IPP has a 51% stake in it, while its partner, Dominican entity Visolar Holding SA, holds the remaining 49%, Total Eren said.

The Villarpando project, located in Azua province, will require an investment of around USD 120 million (EUR 121.4m). The plant will operate under a 15-year power purchase agreement (PPA) with Dominican state-owned power distributor Edesur Dominicana SA.

Total Eren expects the solar farm to generate some 200 GWh per year.

Villarpando is the French firm's first project in the Dominican Republic.

Visolar is an investment vehicle of Caribbean-based financial group JMMB Sustainable Energy Fund FES and Dominican diversified holding Grupo Pais.

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(116)

Energy Global – Total Eren and JMB FES to develop solar PV project in Dominican Republic

10 octubre 2022

Total Eren, a leading renewable energy independent power producer (IPP) based in Paris, and Visolar Holding S.A., a Dominican company, as investment vehicle of JMB Sustainable Energy Fund FES and Grupo Pais (together the partners) will develop, finance, build and operate a 100 MWac solar photovoltaic (PV) project called 'Villarando', located in the Azua Province, in the Dominican Republic.

Following the execution in March 2022 of a shareholders agreement in relation to the respective ownership of Total Eren (51%) and Visolar (49%) in the project, and completion of development efforts over the last six months, the partners have now started construction works on site of the Villarando project.

Villarando will be among the largest foreign investment in a solar project in the Caribbean region. Once completed, it will produce about 200 GWh per year, enough to supply about 135 000 people in the Dominican Republic while saving 125 000 tpy pf carbon dioxide emissions.

The electricity to be generated by the PV farm has been contracted though a 15-year power purchase agreement (PPA) signed on 14 October 2021 with Edesur Dominicana S.A, one of the State-owned electricity distribution companies.

Villarando, with a total investment of approximately US\$120 million, will support sustainable growth and contribute to local employment in the Province of Azua, with about 250 people to be employed during construction, and about 60 indirect and direct permanent jobs to be created for the operation and maintenance phase.

With this project, Total Eren enters the Dominican renewable energy market, a market where the company sees high potential. Total Eren has opened a first office in San Domingo, and through its affiliate, Total Eren Dominicana, will pursue the next steps of the Villarando project and expand Total Eren's activities in the Dominican Republic.

Fabienne Demol, Executive Vice-President and Global Head of Business Development of Total Eren, commented: "We are very pleased to partner with JMB Sustainable Energy Fund FES and Grupo Pais to develop this new solar project in the Dominican Republic, the first project of Total Eren in the country. I want to thank the Dominican authorities for their support, as well as our partners and our teams for their outstanding work. I am very enthusiastic about the construction of Villarando and look forward to pursuing our growth in the Latin American market."

Martin Rocher, Vice-President in charge of Total Eren's activities in the Americas, added: "Thanks to this project, Total Eren addresses the need of the Dominican government to diversify its energy mix with competitive and reliable clean electricity. The country will need more renewables and we are eager to do more projects of this kind and to accelerate our development in the Caribbean region."

Jesús Cornejo, General Manager of JMB Funds, explained: "Our Sustainable Energy Fund (JMB FES) is delighted to participate with a world-class partner like Total Eren in this transaction, which is expected to have a major social, economic and environmental impact in our country. JMB FES is supported by some of the



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most relevant Pension Funds in the Dominican Republic, effectively channelling workers' savings in the long-term development of the country."

Juan Carlos Pais, Chief Executive Officer of Grupo Pais, stated: "We are excited to be partnering with a world class renewable energy player like Total Eren and being able to channel local funds to impact the economy in an environmentally friendly way, via the JMMB FES initiative. Being a local support for the major energy companies has been key to them entering our market and we expect to continue structuring new investment opportunities together in the near future."

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*Gento
& Asociados (118)*

Gulf Oil & Gas – Total Eren Enters the Dominican Renewable Energy Market through 100 MWac Solar Project

06 octobre 2022

Total Eren, a leading renewable energy Independent Power Producer ("IPP") based in Paris, and Visolar Holding S.A., a Dominican company, as investment vehicle of JMMB Sustainable Energy Fund FES and Grupo Pais (together the "Partners") are pleased to announce that they will develop, finance, build and operate a 100 MWac solar photovoltaic (PV) project called "Villarpando" located in the Azua Province, in the Dominican Republic.

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The electricity to be generated by the PV farm has been contracted through a 15-year Power Purchase Agreement (PPA) signed on October 14th 2021 with Edesur Dominicana S.A, one of the State-owned electricity distribution companies.

Villarpando, with a total investment of circa US\$120 million, will support sustainable growth and contribute to local employment in the Province of Azua, with about 250 people to be employed during construction, and about 60 indirect and direct permanent jobs to be created for the Operation and Maintenance phase.

With this project, Total Eren enters the Dominican renewable energy market, a market where the company sees high potential. Total Eren has opened a first office in San Domingo, and through its affiliate, Total Eren Dominicana, will pursue the next steps of the Villarpando project and expand Total Eren's activities in the Dominican Republic.

Fabienne Demol, Executive Vice-President and Global Head of Business Development of Total Eren, commented: "We are very pleased to partner with JMMB Sustainable Energy Fund FES and Grupo Pais to develop this new solar project in the Dominican Republic, the first project of Total Eren in the country.

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Martin Rocher, Vice-President in charge of Total Eren's activities in the Americas, added: "Thanks to this project, Total Eren addresses the need of the Dominican Government to diversify its energy mix with competitive and reliable clean electricity. The country will need more renewables and we are eager to do more projects of this kind and to accelerate our development in the Caribbean region."

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Jesús Cornejo, General Manager of JMMB Funds, explains: "Our Sustainable Energy Fund ("JMMB FES") is delighted to participate with a world-class partner like Total Eren in this transaction, which is expected to have a major social, economic and environmental impact in our country.

JMMB FES is supported by some of the most relevant Pension Funds in the Dominican Republic, effectively channeling workers' savings in the long-term development of the country."

Juan Carlos Pais, Chief Executive Officer of Grupo Pais, stated: "We are excited to be partnering with a world class renewable energy player like Total Eren and being able to channel local funds to impact the economy in an environmentally friendly way, via the JMMB FES initiative. Being a local support for the major energy companies has been key to them entering our market and we expect to continue structuring new investment opportunities together in the near future."

21



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(420)

Pressbook

Total Eren – Uzbekistan (Tutly project)

27 June 2022

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Conto
Venti días (22)

PV Magazine – Total Eren met en service sa centrale solaire de Tutly en Ouzbékistan

Gwénaëlle Deboutte
5 Juillet 2022

Total Eren a mis en service sa centrale photovoltaïque « Tutly » de 131 MWc, située dans la région de Samarcande, en Ouzbékistan. Située à une centaine de kilomètres à l'ouest de la ville, elle a été entièrement développée par Total Eren. Selon l'IPP, il s'agit d'un des premiers projets d'énergie renouvelable d'Ouzbékistan et l'un des premiers projets structurés par un producteur indépendant d'électricité. L'électricité produite a fait l'objet d'un contrat PPA de 25 ans auprès de l'opérateur National Electric Networks of Uzbekistan.

Le projet avait été lancé initialement en octobre 2018, lors de la visite en France du président ouzbek Shavkat Mirziyoyev, avec la signature d'un accord-cadre entre Total Eren, le Ministère ouzbek des investissements et du commerce extérieur et l'entreprise publique d'électricité d'Ouzbékistan, National Electric Networks of Uzbekistan. Les documents de financement ont été signés le 10 mai 2021 à Tachkent, avec un montage financier bouclé en août 2021. Le prêt de 87,4 millions d'euros a été accordé par la Banque européenne d'investissement (BEI), la Banque européenne pour la reconstruction et le développement (BERD) et Proparco, affiliée à l'Agence française de développement (AFD) respectivement à hauteur de 43,7 millions d'euros pour la BEI et deux prêts d'environ 21,8 millions d'euros chacun pour la BERD et Proparco.

En juin 2021, Total Eren avait confié la réalisation clés en main de l'ingénierie, de l'approvisionnement et de la construction (EPC) à Metka EGN, entité dédiée au développement du stockage et des énergies renouvelables au sein de Mytilineos. La technologie choisie se compose d'un système sur base métallique à essieu mobile (3 644 traqueurs), des convertisseurs modulaires (625 convertisseurs) et des panneaux solaires double face (environ 295 000 pièces). La connexion au réseau se fait via une ligne haute tension 220 KV par un poste haute tension 35 KV/220 KV, qui comprend des transformateurs de puissance 2x100 MVA.

Esmerk CIS News – Uzbekistan : Total Eren commissions solar power station

24 May 2022

French-based Total Eren has commissioned 100 MW solar power station in the Samarqand region of Uzbekistan. Investment totals at USD 100mn (EUR 94.66mn). Annual power generation capacity of the plant is 260mn kW/h. The project allows to save 78mn m3 of natural gas per year.

UzDaily – Industrial-scale solar photovoltaic station launched in Samarkand region

24 May 2022

A large solar photovoltaic plant with a capacity of 100 megawatts, built in Nurabad district of Samarkand region, began to supply electricity to the only energy system in Uzbekistan on 24 May.

The power plant will generate 260 million kilowatt-hours of electricity per year and provide electricity to more than 80,000 homes.

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In addition, the commissioning of the station will save 78 million cubic meters of natural gas per year and prevent the release of 100,000 tons of harmful emissions into the atmosphere. With this amount of saved gas, it is possible to provide natural gas to all existing households in the country within 10 days.

It is noteworthy that while the construction employed 400 workers, after commissioning, the plant created 25 new jobs.

The US\$100 million project was implemented through direct investment by the French company Total Eren.

It should be noted that this station is the second largest solar photovoltaic station in the history of Uzbekistan to generate electricity from renewable energy sources, and the first similar solar photovoltaic station was launched in August 2021 in Karmana district of Navoi region.

By the end of 2023, in Kattakurgan district of Samarkand region, the Emirati company Masdar will launch the second largest solar photovoltaic plant in the region with a capacity of 220 megawatts.

Interfax – Total Eren launches 100-MW solar plant in Uzbekistan

24 May 2022

A photovoltaic power plant built in the west of Uzbekistan by French renewable energy company Total Eren, a subsidiary of Total, under a public private partnership has begun supplying electricity to the country's power grid, the press service for the Uzbek Energy Ministry said.

"A major solar photovoltaic plant with a capacity of 100 megawatts built in the Nurobod district of the Samarkand region today, May 24, began supplying electricity to Uzbekistan's unified energy system," the press service said.

The plant will produce 260 million kilowatt-hours of electricity a year and provide electricity to more than 80,000 homes.

The electricity produced at the plant will be sold to the National Electric Grid of Uzbekistan based on a 25-year agreement on the purchase of electricity. This project will help reduce annual greenhouse gas emissions by 160,000 tonnes of CO2 equivalent.

The Uzbek Investment and Trade Ministry signed an investment agreement with Total Eren in September 2019 to build a 100-MW photovoltaic power plant in the Samarkand region for 150 million euros. The European Bank for Reconstruction and Development, the European Investment Bank, and Proparco, a subdivision of Agence Francaise de Developpement, provided 87.4 million euros for Total Eren's first project in Uzbekistan in the first half of 2021.

Uzbekistan's first 100-MW photovoltaic plant was launched last summer. It is located in the Navoiy region and was built by the UAE's Masdar company.

Oil and gas currently account for 97% of Uzbekistan's primary fuel and energy resources, coal for 2.3%, and hydropower for 0.7%. The country, which has around 300 days of sunshine each year, has renewable energy potential for some 51 billion tonnes of oil equivalent.

Total Eren operates in the sphere of renewable energy. Its portfolio of completed investment projects includes over 2,400 MW of installed capacity and more than 2,000 MW in the development stage.

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BBC - Uzbekistan launches second largest solar power plant

25 May 2022

Uzbekistan has launched its second largest "industrial-scale" solar power station in the central region of Samarkand, privately-owned news website Gazeta.uz reported on 25 May.

"The country's second industrial-scale solar photoelectric power plant has been launched in Nurobod District of Samarkand Region. It was built using funds from the French [company] Total Eren. It will generate 260m kWh of energy a year, which is enough to provide electricity to over 80,000 homes," the report said, citing the Energy Ministry's press service.

"The 100-MW station began to supply electricity to the country's unified energy system on 24 May," the press service added.

The launch of the station, according to estimates, will allow the country to "save 78m cu.m of natural gas a year and prevent the release of 100,000 tonnes of harmful emissions into the atmosphere", the report said.

"With this amount of gas saved, it is possible to provide natural gas to all the existing households in the country within 10 days," it added.

According to the website, it is the second largest photovoltaic power plant in the country, which generates electricity from renewable energy sources.

"The first such station was launched in Navoiy Region's Karmana District in August 2021," it said.

The UAE company Masdar will launch another 220-MW solar photovoltaic plant in Samarkand Region's Kattaqorgon District by the end of 2023, it concluded.

The Korea Herald - Localizing high-value-added products of Uzbekistan, mutually beneficial for exports to Korea: deputy minister

Sanjay Kumar
22 June 2022

The localization of high-value-added products by Korean companies in Uzbekistan would be a good basis for mutually beneficial cooperation, Laziz Kudratov, Uzbekistan's first deputy minister of investments and foreign trade, said in an interview with The Korea Herald.

Kudratov said that Korea and Uzbekistan shared a reliable and time-tested relationship with a special strategic partnership stressing Uzbekistan-Korea cooperation had reached a new level.

Uzbekistan-Korea trade turnover almost doubled over the past five years, from \$1 billion in 2016 to \$1.9 billion in 2021, according to Kudratov.

"In the first quarter of 2022, despite the ongoing pandemic, bilateral trade increased by 51.5 percent up to \$630 million compared to 2021," said Kudratov, who doubles as director general of the Agency for Strategic Development of Uzbekistan.



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According to Kudratov, Uzbekistan and Korea are to sign a free trade agreement to accelerate consultations on Uzbekistan's accession to the World Trade Organization and receive additional phytosanitary permits to expand Uzbek agriculture products into the Korean market.

Discussing opportunities in engineering, procurement and construction, he said that Uzbekistan's economic environment is changing rapidly with promising opportunities in public-private partnerships for Korean engineering, procurement and construction companies.

Kudratov also stressed that a new law on a public-private partnerships made a wider range of projects in Uzbekistan -- including in health care, education and infrastructure development including the construction of roads, railways and energy facilities -- available for investments.

"There are also promising opportunities abound in energy generation," he said.

He cited investment agreements signed by the Uzbekistani government with energy producers such as Masdar, Total Eren, France's EDF group, Veolia and others to renovate and build solar, wind and thermal power plants.

Masdar is a renewable energy company owned by the United Arab Emirates government.

"Uzbekistan government intends to increase solar plant capacity from virtually zero in 2020 to 2.5 gigawatts, and wind turbine capacity to 2 gigawatts by 2025," he said, stressing Uzbekistan started implementing several socially important projects with the Export-Import Bank of Korea.

Citing the framework arrangement between the Uzbekistani and Korean governments signed in 2021, he said there are ample opportunities.

The agreement envisages attracting loans from the Economic Development Cooperation Fund of Korea for the period of 2021-2023 to implement projects totaling \$1 billion in the social sphere.

"There are no challenges but big opportunities for cooperation that are not discovered yet," the deputy minister stressed.

According to Kudratov, the government of Uzbekistan is prioritizing expanding investment cooperation and attracting advanced Korean technologies and know-how for the development and implementation of new projects in information and communication technologies, science, health care, pharmaceuticals and agriculture.

Asked how Uzbekistan would play a role for Korean companies to reach the consumer markets of China and India, the deputy minister said that Uzbekistan's open, mutually beneficial and constructive foreign policy with China and India, high-level government exchanges and Uzbekistan's comprehensive strategic relations and intensified cooperation as a foundation for the purpose.

"Trade turnover of Uzbekistan with China and India has increased up to 50 percent since 2017 and reached \$7.4 billion and \$400 million in 2021, shows the growing interest of Chinese and Indian consumers to products made in Uzbekistan," he said, underlining Uzbekistan as a source for half of the total amount of mung beans imported in China.

"There is a significant amount of mutual trade accounts to yarn, which is also a vital product in the production of consumer textiles," he said.

"China is one of the largest investors in the Uzbek economy," said Kudratov, adding that Chinese investments increased fivefold, hitting more than \$8 billion since 2017.

Korean companies interested in producing value-added products in Uzbekistan can take advantage of investment and trade opportunities to further supply products to China and India, he stressed.

Kudratov underlined the Uzbekistan government's recent policies in the textiles industry, saying Uzbekistan is shifting toward higher-value-added production in the textiles industry.

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"Starting from 2020, Uzbekistan canceled raw cotton exports to motivate companies into investing in added-value production of finished and semi-finished products such as textiles and fashion," he said.

Kudratov pointed to textiles as the first industry to be fully privatized by Uzbekistan to create a system of vertically integrated "textile clusters" run by private companies that control all operations, starting from cotton cultivation to finished goods.

"Most of the cotton is now produced by 96 textile clusters in all regions of the country," Kudratov said.

Uzbekistan is to increase textile product exports by up to \$7.1 billion by 2025 to consumers in the Commonwealth of Independent States, China, Turkey and the EU, according to Kudratov.

Describing his country's diversified market size and stable economy, Kudratov highlighted that 35 million Uzbek consumers, a high literacy rate and a 15 million-strong labor force as substantial attractive aspects for industries.

"Uzbekistan is one of the youngest nations of the world with 60 percent of the population under 30 years of age," he said.

According to Kudratov, Uzbekistan established a business ombudsman as well as the council of foreign investors under President Shavkat Mirziyoyev to raise the standards of investment and industrial and innovative development.

He said that Uzbekistan reduced the tax types from 13 to nine, and introduced lightweight tax payment mechanisms with the option of deferment or an installment plan.

Uzbekistan established unified centers as a "single window" for business entities to ease business registration procedures within 30 minutes, simplified permit application procedures by canceling 42 types of licenses and permits and reduced the number of required documents, said Kudratov.

Referring to the adoption of a new unified law on investments, the minister said that the law preserves all previous guarantees and privileges for investors with new incentives such as tax credits and government investment subsidies for the construction of external infrastructure.

"Uzbekistan improved by more than 18 points from its 166 rank in 2012 to 69 in 2022 in World Bank Doing Business Index," he said, adding that Uzbekistan's credit risk in the Organization for Economic Cooperation and Development's ranking from the sixth to fifth group in 2019 put Uzbekistan on level with countries such as Brazil, Turkey and Vietnam.

Explaining the regional potential, Kudratov said that Uzbekistan has regular freight transportation to the markets of Pakistan and South Asia with a total population of more than 1.5 billion people.

"Twenty-two FEZs (free economic zones) are operating in Uzbekistan to provide investors privileges and preferences for three to 10 years depending upon the volume of investments, with 538 projects worth almost \$3 billion already implemented in the FEZs," according to Kudratov.

Uzbekistan received the EU's beneficiary status of Generalized Scheme of Preferences Plus as well as the UK's GSP Enhanced Framework, which creates additional opportunities to solidify Uzbekistan-Korea bilateral industrial cooperation, the deputy minister added.

Conto
Verificato (127)

Trend News Agency - Uzbekistan to undertake number of renewable energy projects

27 June 2022

Uzbekistan intends to implement 18 renewable energy projects, Head of the Department for Development of Generation Based on Renewable Energy Sources of the Ministry of Energy of Uzbekistan Abdullajon Otaboev told reporters on the sidelines of a press tour to a solar photovoltaic station in Navoi on June 27, Trend reports. Meanwhile, eight of the total number of projects with 2.7 gigawatts capacity are to be carried out by 2024. "The country plans to undertake wind and solar farm construction projects, except for Andijan, Tashkent and Syrdarya regions," Otaboev said. According to him, the ministry cooperates with Masdar, ACWA Power and Total Eren on the matter. Furthermore, Otaboev outlined Uzbekistan's ambitions to boost the overall capacity of renewable electricity generation to seven gigawatts by 2026, and to 12 gigawatts by 2030.

Mercom India - Total Eren Commissions 131 MW Solar Project in Uzbekistan

Arjun Joshi

27 June 2022

Total Eren announced the commissioning of the 131 MW Tutly solar power project in the Samarkand region of Uzbekistan. The project is located about a hundred kilometers west of the city of Samarkand and was entirely developed by Total Eren. This is one of Total Eren's first energy projects in the country. The project was initially launched in October 2018, during Uzbek President Shavkat Mirziyoyev's visit to France. The European Investment Bank (EIB), the European Bank for Reconstruction and Development (EBRD), and Proparco financed the project by allocating loans of €43.7 million (~\$44.47 million) and two loans of €21.8 million (~\$22.18 million) each. The project is expected to produce 270 GWh per year, enough to meet the needs of approximately 140,000 Uzbek households while reducing CO2 emissions by around 160,000 tons annually.

KPI Global Infrastructure bagged orders from Nouveau Jewellery and Nouveau Diamonds to execute solar power projects of 26.60 MWdc capacity under the captive power producer segment. KPI Global will commission a 23.60 MWdc captive power project for Nouveau Jewellery. For Nouveau Diamonds, KPI Global will commission a captive power project of 3 MWdc capacity. Earlier, KPI Global Infrastructure had announced the commissioning of a 3.5 MWdc solar project for Prachi Mittal Creations, Surat. The company also announced commissioning another 1.50 MWdc capacity at its solar project in Bharuch district.

NTPC Renewables inked an agreement with Gujarat Alkalies and Chemicals (GACL) to reach its green energy and green hydrogen objectives. The agreement envisions collaborating on renewable energy, green methanol, and green ammonia and exploring the opportunities to supply 100 MW of round-the-clock renewable power. The entities will also look into synthesizing 75 tons of green methanol and 35 tons of green ammonia per day for captive use for producing various chemicals by GACL at its Vadodara and Dahej complex in Gujarat. This development comes in the backdrop of NTPC announcing its green hydrogen initiatives. It plans to build the country's first pilot projects for synthesizing green methanol, setting up green hydrogen filling stations, green hydrogen blending into PNG, and green energy storage projects.



Cionto
Votiocto (Chg)

LG Electronics has secured orders valued at KRW 8 trillion (~\$6.11 billion) in the first half of 2022 to deliver its P-OLED in-vehicle infotainment systems to diverse global automakers. LG's EV component solutions business is rapidly growing based on its three core business sectors, i.e., LG Vehicle Component Solutions Company, ZKW Group, and LG Magna e-Powertrain. In the first half of this year, the value of orders for LG's advanced EV component solutions surpassed the total accumulated value of all orders on hand as of 2021—KRW 60 trillion (~\$45.87 billion), by 13%. The company expects the accumulated orders placed with its EV components business by the end of 2022 will exceed KRW 65 trillion (~\$49.70 billion) in value.

Dutch oil giant Shell's subsidiaries, Shell Nederland and Shell Overseas Investments, said they would build the 200 MW Holland Hydrogen I plant on the Tweede Maasvlakte in the port of Rotterdam. The 200 MW electrolyzer will produce up to 60,000 kilograms of renewable hydrogen daily. The renewable power for the electrolyzer will come from the offshore wind farm Hollandse Kust (Noord), which Shell partly owns. The renewable hydrogen produced will supply the Shell Energy and Chemicals Park Rotterdam through the HyTransPort pipeline. It will replace some of the grey hydrogen usage in the refinery. This will partially decarbonize the facility's production of energy products like petrol, diesel, and jet fuel.

Vattenfall has announced that its Hollandse Kust West (HKW) bid would involve establishing an offshore hydrogen cluster powered by an offshore wind farm. The project bid includes plans for three wind turbines to be equipped with electrolyzers with a total capacity of 45 MW. The hydrogen produced will be transported via a pipeline to the Port of Rotterdam and fed into the hydrogen network there. Earlier in 2022, Vattenfall was awarded subsidies to develop the world's first hydrogen turbine off the coast of Aberdeen, Scotland. According to the company, offshore hydrogen production at the source will provide competitive prices and ease pressure on onshore electricity grids.

Reuters – TotalEren - Commissions the 131 MWp Tutly solar farm in Uzbekistan

5 July 2022

Total Eren announces the successful commissioning of Tutly, a solar photovoltaic project (131 MWp) located in the Samarkand region of Uzbekistan.

Renewables now - Total Eren brings online 131-MWp solar PV park in Uzbekistan

5 July 2022

French independent power producer Total Eren today announced it has launched commercial operations at its 131-MWp Tutly solar park in Uzbekistan's Samarkand region.

Located 100km west of the city of Samarkand, the photovoltaic (PV) farm will operate under a 25-year power purchase agreement (PPA) with the National Electric Networks of Uzbekistan. It is expected to produce 270 GWh of power annually, or enough to cover the consumption of about 140,000 local residents.

METKA EGN, part of Greek industrial conglomerate Mytilineos SA, was responsible for installing the plant's 295,000 bifacial PV modules.

Total Eren reached financial close on the project in August 2021 after it secured EUR 87.4 million in debt from the European Investment Bank (EIB), the European Bank for Reconstruction and Development (EBRD) and France's Proparco.

The implementation of the project supports Uzbekistan's goal of having 12 GW of renewable energy capacity by 2030 and sourcing 25% of its total power from renewables by the same year. "Looking forward, we are eager to build more wind and solar projects in Uzbekistan and in Central Asia," said Fabienne Demol, Executive Vice-President and Head of Business Development of Total Eren.

Conto
Ventinove (129)

PV Magazine - Total Eren heralds another 100 MW of Uzbek solar

Max Hall
6 July 2022

The central Asian nation went from 4 MW of grid-connected solar to 104 MW in just 12 months and Total Eren's latest announcement indicates an ambitious national goal of adding 12 GW of renewables this decade may not be so fanciful.

Uzbekistan's solar revolution has continued with the commissioning of a 100 MWac project by French developer Total Eren near Samarkand.

The last set of figures published by the International Renewable Energy Agency indicated the central Asian nation soared from just 4 MW of grid connected solar capacity at the end of 2020 to 104 MW a year later.

The project announced this week by Total Eren will almost double the latter figure single-handedly, with the developer rating the site as having 131 MW of peak generation capacity.

Bifacial solar

The Tutly solar project, around 100km west of Samarkand, is Total Eren's first to consist entirely of bifacial panels, the developer said in a press release.

The solar field is expected to generate 270 GWh of clean power annually, enough to satisfy the needs of 140,000 Uzbeks, Total Eren said, and created 300 construction jobs and 15 permanent roles.

Uzbek president Shavkat Mirziyoyev signed a deal with Total Eren to develop the project in October 2018, during a visit to France, alongside the Ministry of Investments and Foreign Trade of Uzbekistan and state utility National Electric Networks of Uzbekistan.

The power company has signed a 25-year power purchase agreement as off-taker of the electricity to be generated by Tutly.

Financial close on the project was reached in August 2021 with EU lender the European Investment Bank providing a €43.7 million loan and the London-based European Bank for Reconstruction and Development and French state-controlled development financier Proparco each adding loans of around €21.8 million.

French power company TotalEnergies has a 25% stake in Total Eren.

Engineering, construction, and procurement services for the site were performed by the Metka EGN unit of Greek business Mytilineos SA.

Not plain sailing

Commenting on the obstacles overcome during development of the site, Total Eren executive VP and head of business development Fabienne Demol said: "Despite many unexpected challenges, including the Covid-19 pandemic, the increase in solar module prices, and [in] transportation costs, we are proud to have delivered on our commitment today."

The Uzbek government wants to install 12 GW of solar and wind power capacity by 2030 so a quarter of its power will come from renewables by that point.

Ciento
treinta (130)

PV Tech - Total Eren commissions 131MWp bifacial-only solar project in Uzbekistan

Liam Stoker
7 July 2022

Total Eren has commissioned a 131MWp solar project in Uzbekistan, the independent power producer's first to exclusively use bifacial modules.

The Tutly project, which is located in the Samarkand region of Uzbekistan, has been commissioned nearly four years after it was first launched when Total Eren signed a framework agreement with state-owned utility National Electric Networks of Uzbekistan which will procure power generated under a 25-year power purchase agreement.

The European Investment Bank, the European Bank for Reconstruction and Development and Proparco financed the project, which reached financial close in August 2021.

Total Eren turned to Metka EGN for turnkey engineering, procurement and construction services for the project.

Tutly is expected to generate around 270GWh of electricity each year, aided by its exclusive use of bifacial panels – the first time Total Eren has completed a project solely using the technology.

Fabienne Demol, executive vice president and head of business development at Total Eren, said the business was now "eager to build more wind and solar projects in Uzbekistan and Central Asia".

The project's completion follows a flurry of activity in Uzbekistan driven itself by a number of tenders for solar PV capacity launched by the country's government, which has aimed for 12GW of wind and solar capacity by 2030. This target was increased last summer after successive tenders produced lower than anticipated strike prices.

The country's first utility-scale solar PV plant, a 100MW project developed by Masdar, was inaugurated in August last year and the country swiftly followed that up with two new tenders aimed at procuring 500MW and 400MW of capacity respectively.

Global Energy Research- Kazakhstan - Projects - Electricity - Solar

17 July 2022

Kazakhstan plans to develop about 2 400 MW of solar capacities by 2028. In August 2021, only 131 MW were under construction (Total Eren's Tutly project) and more than 300 MW were under development.



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PRESS BOOK

Total Eren commissions 160 MW of wind capacity in Brazil

February 2nd, 2022

A handwritten signature in blue ink, appearing to be "EP".

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(933)

February 2nd

[Signature]

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planta e gerador (134)*
BRUNSWICK

Reuters – French utility company Total Eren commissions 160MW of wind power capacity in Brazil



COMMISSIONS 160 MW OF WIND CAPACITY IN BRAZIL

SUCCESSFULLY COMMISSIONED THE "TERRA SANTA" (92.3 MW) AND "MARAL" (67.5 MW) WIND FARMS IN THE STATE OF RIO GRANDE DO NORTE, BRAZIL

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Horta y cinco
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(4/45)

Bnamericas – Total Eren commissions 160 MW of wind capacity In Brazil



Distribution of the press release

Terra SantaMaralTotal Eren, a leading renewable energy Independent Power Producer ("IPP") based in Paris, is pleased to announce that it has successfully commissioned the "" (92.3 MW) and "" (67.5 MW) wind farms in the State of Rio Grande do Norte, Brazil.

Cemig Geração e Transmissão Terra Santa (92.3 MW) and Maral (67.5 MW) both hold 20-year private Power Purchase Agreements (PPAs) with ("Cemig GT"), one of the largest power generators and distributors in Brazil. They will together generate 730 GWh per year, which is enough to supply the needs of more than 400,000 households in Brazil.

Siemens Gamesa In the context of these projects, Total Eren signed Turbine Supply Agreements with on October 15th, 2019, for 45 generators of 3.55 MW nominal capacity. The total investment of the Terra Santa and Maral facilities amounts to BRL 829 million (~ USD 154 million).

Banco do Nordeste Banco Sumitomo Mitsui Brasileiro Banco do Brasil Banco Santander In December 2019, Total Eren secured a BRL 423 million (~ USD 79 million) long-term financing with a 22-year maturity from ("BNB"), a prominent Brazilian development bank which acted as the sole long-term lender of the transaction. A non-recourse letter of credit was provided by three commercial banks with local presence in Brazil, namely S.A., S.A. and (Brasil) S.A.

Through these wind farms, Total Eren contributes to build a low-carbon environment in Brazil and to enhance socio-economic development. About 1,650 workers were hired on site during construction works and 30 permanent jobs will be created during the operation and maintenance phase.

Dracena Active in Brazil since 2013, Total Eren owns today a total of c. 300 MW of solar and wind assets in operation and an advanced pipeline of c. 700 MW in the country, aiming to provide competitive renewable energy to both private and public energy consumers. In addition to Terra Santa and Maral wind farms, Total Eren owns three operating solar PV plants in Brazil: (90 MWp), BJI 11 (25 MWp) and BJI 4 (25 MWp).

Fabienne Demol, Executive Vice-President and Head of Business Development of Total Eren, commented: "We are pleased to complete the commissioning of our Terra Santa and Maral wind farms, two amazing projects that we are proud to deliver for the benefit of our offtaker, Cemig GT. I would like to thank our teams for their excellent work in achieving this milestone despite the current context related to the covid-19 pandemic. Looking ahead, we are confident that we will develop new renewable energy projects in Brazil and increase our footprint in Latin America in the coming years."

Pierre-Emmanuel Moussafir, Managing Director of Total Eren Brazil, added: "This is a very important milestone for Total Eren in Brazil as we have now completed a full cycle, implementing both solar and wind utility scale plants in the country along with building a strong team to take on our next challenges."

In addition to Brazil, Total Eren is developing projects in other countries of the Latin American region, including Central America and the Caribbean. The company owns 180 MW of wind and solar operating plants in Argentina and, together with TotalEnergies, 190 MWp of solar capacity in operation in Chile, a country where the company has secured lands and launched studies aiming to develop a large-scale green hydrogen project totalling up to 10 GW of wind installed capacity in the Magallanes region. In the Galápagos Islands, Total Eren

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Freinta y Gois (126)
BRUNSWICK

also recently announced the co-development of a 14.8 MWp microgrid renewable energy project along with its Ecuadorian partner, Gransolar.



Grupo Frenta y si ole (P37)
BRUNSWICK

Capital – Total Eren met en service 160 MW de capacité éolienne au Brésil

Capital

Total Eren, producteur d'électricité d'origine renouvelable basé à Paris, a annoncé la mise en service des centrales éoliennes de "Terra Santa" (92,3 MW) et "Maral" (67,5 MW) dans l'Etat de Rio Grande do Norte, au Brésil.

Terra Santa (92,3 MW) et Maral (67,5 MW) bénéficient toutes deux d'un contrat de vente de l'électricité produite (Power Purchase Agreement ou "PPA") signé sur 20 ans avec Cemig Geração e Transmissão ("Cemig GT"), l'un des plus grands producteurs et distributeurs du Brésil. Elles produiront ensemble 730 GWh par an, suffisamment pour approvisionner plus de 400 000 foyers dans le pays.

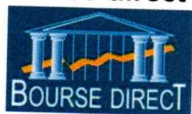
Dans le cadre de ces projets, Total Eren a signé le 15 octobre 2019 des contrats de fourniture de turbines auprès de Siemens Gamesa pour 45 éoliennes d'une capacité nominale de 3,55 MW. L'investissement total pour les installations de Terra Santa et Maral s'élève à 829 millions BRL (environ 154 millions de dollars).

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Bourse direct – Total Eren met en service 160 MW de capacité éolienne au Brésil



Terra Santa (92,3 MW) et Maral (67,5 MW) bénéficient toutes deux d'un contrat de vente de l'électricité produite (Power Purchase Agreement ou "PPA") signé sur 20 ans avec Cemig Geração e Transmissão ("Cemig GT"), l'un des plus grands producteurs et distributeurs du Brésil. Elles produiront ensemble 730 GWh par an, suffisamment pour approvisionner plus de 400 000 foyers dans le pays.

Dans le cadre de ces projets, Total Eren a signé le 15 octobre 2019 des contrats de fourniture de turbines auprès de Siemens Gamesa pour 45 éoliennes d'une capacité nominale de 3,55 MW. L'investissement total pour les installations de Terra Santa et Maral s'élève à 829 millions BRL (environ 154 millions de dollars).

A stylized blue ink signature, possibly reading "JH".

Renewables Now – Total Eren starts up 160 MW of wind farms in Brazil



(439)

February 2 (Renewables Now) - Paris-based independent power producer (IPP) Total Eren announced today that it has commissioned two wind farms in Brazil, adding 160 MW of installed capacity in the state of Rio Grande do Norte.

The 92.3-MW Terra Santa and the 67.5-MW Maral wind farms come online after a BRL 829-million investment (USD 157m/EUR 139.5m). Together, the two are expected to generate 730 GWh per year and will operate under 20-year power purchase agreement (PPAs).

The power off-taker is Cemig Geracao e Transmissao (Cemig GT), the generation and transmission unit of Brazilian utility company Cemig (BVMF:CMIG4).

Total Eren ordered 45 units of 3.55-MW wind turbines from Siemens Gamesa Renewable Energy SA (BME:SGRE) for the two projects. Later, the IPP was able to secure a BRL-423-million long-term financing from Banco do Nordeste and a non-recourse letter of credit from Sumitomo Mitsui Banking, Banco do Brasil and Banco Santander Brasil.

Today, Total Eren owns around 300 MW of solar and wind power capacity in operation in Brazil -- 160 MW of wind from Terra Santa and Maral and 140 MWp from three solar farms. The French company also has an advanced pipeline of some 700 MW of renewable energy projects in the country, it says.

A handwritten signature in blue ink, appearing to be "JF".

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Cuarenta (140)
BRUNSWICK

Nasdaq – Crude Gains as OPEC+ Maintains Output Plan



[...]

Total Eren, a leading renewable energy Independent Power Producer based in Paris, announced that it has successfully commissioned the "Terra Santa" (92.3 MW) and "Maral" (67.5 MW) wind farms in the State of Rio Grande do Norte, Brazil.

[...]



Valor Economico – Oil company TotalEnergies' renewable energy unit commissions 2 wind farms in Brazil

Valor
ECONOMICO

Translated from Portuguese

Total Eren, the renewable-energy division at France's TotalEnergies, has commissioned two wind-power farms for service in Brazil: Terra Santa (92.3 MW) and Maral (67.5 MW) have both started up in Rio Grande do Norte. The farms boast 20-year private contracts with Cemig Geracao e Transmissao and will generate 730 GWh between them.

Total Eren, the renewable energy arm of French oil company TotalEnergies, has commissioned two wind farms in Brazil. The company started operations at the wind farms Terra Santa, with 92.3 megawatts (MW) of capacity, and Maral, with 67.5 MW, both located in Rio Grande do Norte.

The parks have 20-year private power purchase agreements (PPAs) with Cemig Geração e Transmissão. Together, the projects will generate 730 gigawatt-hours (GWh) per year, enough to supply more than 400,000 homes, according to Total Eren's estimates.

The total investment in the wind complexes was R\$ 829 million. Total Eren closed a financing agreement with Banco do Nordeste to support the projects at the end of 2019, in the amount of R\$ 423 million, with a term of 22 years.

According to the company, 1,650 workers were hired during construction, in addition to 30 permanent employees for the operation and maintenance phase of the plants. The turbines for the projects were supplied by Siemens Gamesa.

Total Eren currently has 300 MW in operation in Brazil in solar and wind generation assets, and 700 MW of projects under study or development.

"Looking ahead, we are confident that we will develop new renewable energy projects in Brazil and advance our track record in Latin America in the coming years," said Total Eren's Executive Vice President and Global Head of Business Development, Fabienne Demol.

Besides Brazil, Total Eren is developing projects in other countries in the Latin American region, including Central America and the Caribbean. The company has 180 MW of wind and solar power plants in Argentina and, together with TotalEnergies, 190 MWp of solar capacity in operation in Chile, a country in which the company is also conducting studies with the objective of generating electricity from renewable sources.

Nas Ilhas Galápagos, a Total Eren também anunciou recentemente o codesenvolvimento de um projeto de energia renovável de microrrede de 14,8 MW no pico, juntamente à empresa equatoriana Gransolar.

In the Galapagos Islands, Total Eren also recently announced the co-development of a 14.8 MW on-peak microgrid renewable energy project with Ecuadorian company Gransolar.

Cinto
Canta y dos (142)
BRUNSWICK

Petronoticias – Total Eren commissions Maral and Terra Santa wind farms in Rio Grande do Norte



Translated from Portuguese

Total Eren, a leading independent renewable energy producer headquartered in Paris, has commissioned the wind farms "Terra Santa" (92.3 MW) and "Maral" (67.5 MW) in the state of Rio Grande do Norte. The complexes hold 20-year private power purchase agreements with Cemig Geração e Transmissão, one of the largest generators and distributors of energy in Brazil. Together, the wind farms will generate 730 GWh per year, enough to supply more than 400,000 households. For these projects, Total Eren used Siemens Gamesa turbines, purchasing 45 wind turbines with 3.55 MW rated capacity. The total investment in the wind farms reaches R\$ 829 million.

In December 2019, Total Eren entered into a R\$423 million, 22-year financing provided by Banco do Nordeste, which acts as the sole long-term lender for the transaction. As guarantee, bank letters of guarantee were issued by three commercial banks active in Brazil: Banco Sumitomo Mitsui Brasileiro, Banco do Brasil and Banco Santander. About 1,650 on-site workers were hired during construction, and 30 permanent employees were hired for the operation and maintenance phase.

Total Eren's Executive Vice President and Global Head of Business Development, Fabienne Demol (main photo), said: "We are very pleased with the commissioning of our Terra Santa and Maral wind farms, two amazing projects that we are proud to deliver for the benefit of our offtaker, Cemig. I would like to thank our teams for their excellent work in achieving this milestone, despite the current context related to the covid-19 pandemic. Looking ahead, we are confident that we will develop new renewable energy projects in Brazil and advance our track record in Latin America in the coming years."

For Pierre-Emmanuel Moussafir (photo on the right), Executive Director of Total Eren Brazil, this is a very important milestone for the company in Brazil, as it ends a complete cycle, implementing solar and wind power plants in the country, along with building a strong team to face the next challenges.

Besides Brazil, Total Eren is developing projects in other countries in the Latin American region, including Central America and the Caribbean. The company has 180 MW of wind and solar power plants in Argentina and, together with TotalEnergies, 190 MWp of operating solar capacity in Chile, a country in which Total Eren has secured land and launched studies with the aim of developing a large-scale green hydrogen project totaling up to 10 GW of installed wind capacity in the Magallanes region. In the Galapagos Islands, Total Eren also recently announced the co-development of a 14.8 MWp microgrid renewable energy project together with its Ecuadorian partner, Gransolar.

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Warranty Free (143)
BRUNSWICK

February 3rd



Cinto
Cuarenta y cuatro
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(14/18)

Valor Economico – Brazil: TotalEren ushers two new wind-farms into service

Valor
ECONOMICO

Total Eren, the renewable-energy division at France's TotalEnergies, has commissioned two wind-power farms for service in Brazil: Terra Santa (92.3 MW) and Maral (67.5 MW) have both started up in Rio Grande do Norte. The farms boast 20-year private contracts with Cemig Geracao e Transmissao and will generate 730 GWh between them. Total Eren invested R\$829mil in the pair and now boasts 300 MW in operational wind- and solar-power projects in Brazil.

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Latin Finance – Total Eren mulls debentures for wind farms in Brazil
LATINFINANCE

(195)

French oil company's renewable energy division is keeping an eye on interest rates as it considers a return to the bond market.

Total Eren, the renewable energy division of French oil company Total, could issue debentures for two wind farms in northeastern Brazil after it brought the projects online with financing from Banco do Nordeste (BNB), the country head told LatinFinance

"We have started to work on additional financing," said Pierre-Emmanuel Moussafir, managing director of Total Eren Brazil, "but we will try to find the right moment for such additional financing to be issued."

Debentures are an "obvious option" because there is a lot of investor interest in renewable energy projects and because Total Eren previously raised debt in the local bond market, Moussafir said.

The rising cost of capital, however, had become an issue even before the central bank raised the Selic benchmark rate by 150 basis points to 10.75% on Wednesday.

"Brazilian interest rates have increased. Spreads over NTN-B government bonds of around 5.5% mean financing costs are quite high," Moussafir said.

Total Eren sold (/daily-briefs/2020/2/24/total-eren-raises-debt-in-brazil) BRL280 million (\$53.2 million) worth of 17.5-year debentures for the BRL350 million Dracena solar power project in a deal with local investment fund Kinea in February 2020. It also raised (/daily-briefs/2020/4/29/total-eren-issues-debt-for-wind-farms-in-brazil) BRL140 million for the Terra Santa wind power complex with the sale of 18-month notes in April 2020.

The company said Wednesday that it commissioned the Terra Santa and Maral wind projects with 20-year power purchase agreements with Cemig Geração e Transmissão (Cemig GT), the generation and transmission division of Minas Gerais state power company Cemig.

Total Eren said it invested BRL829 million to build Terra Santa with 92.3 MW in capacity and Maral with 67.5 MW. It took out a 22-year loan for BRL423 million in December 2019 from BNB, a regional development bank based in Fortaleza. SMBC, Banco do Brasil and Santander provided a letter of credit for the wind farms.

The company operates 300 MW of solar and wind power plants and has another 700 MW under development in Brazil.

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Canal Energia.com – Total Eren comissiona 160 MW eólicos no RN

CanalEnergia.com.br

Translated from Portuguese

R\$ 829 million investment includes 45 wind turbines between the Terra Santa and Maral wind farms.

Total Eren announced the commissioning of 160 MW of Terra Santa (92.3 MW) and Maral (67.5 MW) wind farms, both located in Rio Grande do Norte. Together the assets will generate 730 GWh per year, enough to supply more than 400,000 homes in Brazil, according to the company. The two plants also have 20-year contracts with Cemig.

The investment in the projects is R\$ 829 million and includes 45 wind turbines from Siemens Gamesa. With the complexes, the company has already hired about 1,650 workers on site and 30 permanent employees remain for the operation and maintenance phase.

Active in Brazil since 2013, the French company currently has 300 MW in solar and wind assets in operation in Brazil, in addition to an advanced pipeline of 700 MW renewable for private and public customers. In addition to the wind power plants mentioned above, Total Eren has three solar plants in operation in the country: Dracena (90 MWp), BJL 11 (25 MWp) and BJL 4 (25 MWp).

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BRUNSWICK
(148)

WindTech International – Total Eren commissions 160MW of wind capacity in Brazil



Total Eren has announced that it has successfully commissioned the Terra Santa and Maral wind farms in the State of Rio Grande do Norte, Brazil.

Terra Santa (92.3 MW) and Maral (67.5 MW) both hold 20-year private Power Purchase Agreements (PPAs) with Cemig Geração e Transmissão (Cemig GT). The wind farms feature 45 3.55MW wind turbines supplied by Siemens Gamesa. The total investment of the Terra Santa and Maral facilities amounts to BRL 829 million (~ USD 154 million).

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Cuarenta y nueve
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(49)

February 9th

27

WindPower – Commissioning spree boosts Latin America's onshore wind capacity

Nadia Weekes



Hundreds of megawatts connected to grid as a handful of large projects come online in Brazil, Chile and Mexico.

Several large wind farms have recently been reported as reaching full commercial operations in Latin America, according to information gathered by Windpower Intelligence, the data and research division of Windpower Monthly.

The newly online wind farms have added nearly 850MW of capacity in Brazil, Chile and Mexico.

Brazil saw the largest amount of capacity being brought online, at three projects: Total Eren's 92.3MW Terra Santa and 67.5MW Maral, both in Rio Grande do Norte, and the final part of Neenergia's 471MW Chafariz Complex, which started delivering to the grid last August.

Iberdrola subsidiary Neoenergia had begun construction of the Chafariz Complex in October 2019. It has now successfully installed and connected 136 of Siemens Gamesa's SG 3.4-132 turbines.

The project, which is located in the north-eastern state of Paraíba, will supply some of the electricity it generates to J&F Group, one of Brazil's largest private business groups, under a ten-year power purchase agreement (PPA) signed last November.

In Chile, the 110MW Los Olmos wind farm, developed by a project company owned by AES Corporation (51%) and Global Infrastructure Partners (GIP, 49%), was commissioned earlier this month.

It is the largest of 12 online projects located in the Biobío region of central Chile, where another 16 wind farms, for a total capacity of 2.5GW, are currently under development.

In Mexico, IEnova and Saavi Energía's 108MW Energía Sierra Juárez II began operations in Tecate, Baja California. It is the first cross-border renewable energy project between Mexico and the US, supplying electricity to the California electricity market.

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Power Technology – Terra Santa II Wind Farm, Brazil POWER TECHNOLOGY

Terra Santa II Wind Farm is a 31.95MW onshore wind power project. It is located in Rio Grande do Norte, Brazil. The project is currently active. It has been developed in single phase. The project construction commenced in 2019 and subsequently entered into commercial operation in June 2021.

Description

The project was developed by Central Eolica Terra Santa SPE II and Vila Energia Renovavel S/S. Total Eren and Vila Energia Renovavel S/S are currently owning the project having ownership stake of 90% and 10% respectively.

The project cost is \$64.283m.

Development Status

The project is currently active. The project construction commenced in 2019 and subsequently entered into commercial operation in June 2021.

Power Purchase Agreement

The power generated from the project is sold to Cemig Geracao e Transmissao under a power purchase agreement for a period of 20 years.

Contractors Involved

Siemens Gamesa Renewable Energy was selected as the turbine supplier for the wind power project. The company provided 9 units of SG132-3.55 turbines, each with 3.55MW nameplate capacity.

Methodology

All power projects included in this report are drawn from GlobalData's Power Intelligence Center. The information regarding the project parameters is sourced through secondary information sources such as electric utilities, equipment manufacturers, developers, project proponent's – news, deals and financial reporting, regulatory body, associations, government planning reports and publications. Wherever needed the information is further validated through primary from various stakeholders across the power value chain and professionals from leading players within the power sector.

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PRESS BOOK

Total Eren and Gransolar join forces to build a renewable energy microgrid project in the Galápagos Islands, Ecuador

December 9th, 2021

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Bnamericas – Total Eren and Gransolar join forces to build a renewable energy microgrid project in the Galapagos Islands, Ecuador



Reprise du communiqué de presse

Quito/Paris, December 9th, 2021 – Total Eren, a leading renewable energy Independent Power Producer based in Paris, and Gransolar, an Ecuadorian developer (together the "Partners"), are pleased to announce the joint design, development, financing, construction, and operation of a microgrid project in the Galapagos Islands. The E-Quator Energy project will combine a 14.8 MWp solar photovoltaic plant with a 40.9 MWh electricity storage capacity. Located in the Galapagos Islands, declared by UNESCO as a Natural World Heritage Site, the project will enable an increase of the share of renewables in the local electricity consumption from 15% to up to 70%.

The E-Quator project – formerly known as "Conolophus" – was launched by Gransolar in September 2018 as a private initiative. The project was presented to the Ecuadorian Ministry of Energy and Non-Renewable Natural Resources that decided to hold a Public Selection Process (Proceso Público de Selección) in March 2020. Total Eren joined Gransolar's initiative in July 2020 to join the process, during which five companies were shortlisted by the Government of Ecuador. On September 8th, 2021, Total Eren and Gransolar were officially awarded the project.

The Partners will work together through a 50/50 joint venture company, "E-Quator Energy", which will sign the concession agreement for 25 years with the Ecuadorian authorities.

This microgrid will integrate 4 components:

- A 14.8 MWp solar photovoltaic solar farm to be located on a former military air base, on the Baltra Island;
- Two Battery Energy Service Systems (BESS) coupled with the solar farm for a total discharge capacity of 40.9 MWh in Baltra Island and Santa Cruz Island;
- A 44 km sub-transmission line interconnecting Baltra Island and Santa Cruz Island;
- Finally, a Microgrid Controller which will operate the dispatch of all the energy generation assets in the archipelago.

Today, 85% of the Galapagos Islands' electricity consumption relies on fossil fuels. The E-Quator project will increase the supply of electricity generated through renewable energy sources to up to 70%, while decreasing diesel imports and consumption by approximately 1.6 million barrels per year.

The Galapagos Islands were declared as a Natural World Heritage Site by UNESCO and are well-known for their abundant wildlife. The Partners are committed to ensure that all steps of development, construction and operation of the project be made with the highest care and attention paid to the unique local biodiversity of the Archipelago.

In parallel, the project received on December 8th, 2021, the support of both Ecuadorian and French governments, with the signature in Quito of a Declaration of Intent by the French Minister for Foreign Trade and Economic Attractiveness, M. Franck Riester, the Ecuadorian Minister of Production, M. Julio José Prado, and the Ecuadorian Minister of Energy and Non-Renewable Natural Resources, M. Juan Carlos Bermeo.

Fabienne Demol, Executive Vice-President and Global Head of Business Development of Total Eren, commented: "We are very pleased to partner with Gransolar to develop this innovative project in Ecuador. This project is unique as it does bring a comprehensive green energy solution that can be duplicated in all islands of the globe. I want to thank the Government of Ecuador for promoting this project through a Public Selection Process, as well as our partner, Gransolar, for our collaboration, and our teams for their dedicated

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work. I am excited to carry out the construction of our first renewable project in Ecuador and hope to pursue our growth in the Latin American market."

Martin Rocher, Vice-President in charge of Total Eren's activities in Latin America, added: "E-Quator Energy microgrid project demonstrates that solar energy combined with batteries is a technically reliable solution capable of addressing economic and environmental challenges of power generation in areas that rely on electricity produced from diesel. We are very proud to contribute to change the way the Galápagos Archipelago is powered, transitioning towards a self-sufficient island system in which energy is generated under a model of low carbon emissions. I am eager to start working on the implementation of this project with our Ecuadorian partner Gransolar."

Daniel Hidalgo, President of Gransolar: "This is a great example of a collective effort across the public and private sectors led with integrity, passion, and purpose. Ecuador is a unique place, one that has a comparative advantage due to its geographic location on the equator. Total Eren brings an unparalleled combination of knowledge, vision, and innovation. Collectively, this allows us to think bigger and aspire to create projects with real impact and purpose. Our dream is to continue to build a sustainable future and reimagine sustainability across a range of areas such as: solar, wind, electro mobility, and green hydrogen."

Pablo López, General Manager of Gransolar commented: "It has been 5 years of hard work to develop this emblematic project with the purpose of conserving the environment. As an Ecuadorian company, we feel an added level of responsibility to accelerate renewable projects in the country, especially in a place as unique as the Galápagos Islands. It's been an honor to share this process with a partner that shares our same corporate values, Total Eren. We look forward to the project's start of construction."

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Renew Economy – Galapagos Islands to be powered by solar and big battery micro-grid



The famous Galapagos Islands are soon to be host to a solar and big battery micro-grid that will replace much of the expensive and highly polluting diesel that is currently the main source of power.

Total Eren and Gransolar have signed an agreement with the Ecuadorian government to build an island-based microgrid that will feature a 14.8MW solar farm and a 40.9MWh storage component.

The storage component will include two battery energy service systems (BESS) that are coupled with the solar farm for a total discharge capacity of 40.9MW, on Baltra Island and Santa Cruz Island.

A third component of the microgrid comprises a 44km subsea transmission line interconnecting the two islands, along with a microgrid controller that will operate the dispatch of all the energy generation assets in the Galapagos Archipelago.

Combined, the project will reduce the reliance on fossil fuels from 85 per cent to less than 30 per cent, and slash diesel imports and consumption by a staggering 1.6 million barrels per year.

The E-Quator project, which was formerly known as Conolophus, was launched in September 2018 as a private initiative by Gransolar.

It was presented to the Ecuadorian Ministry of Energy and Non-Renewable Natural Resources, which decided to hold a Public Selection Process in March 2020. It was in response to this process that Total Eren joined, and the two companies received official approval to proceed back in September.

"This is a great example of a collective effort across the public and private sectors led with integrity, passion, and purpose," said Daniel Hidalgo, president of Gransolar.

"Collectively, this allows us to think bigger and aspire to create projects with real impact and purpose. Our dream is to continue to build a sustainable future and reimagine sustainability across a range of areas such as: solar, wind, electro mobility, and green hydrogen."

Fabienne Demol, the global head of business development of Total Eren, said the project will deliver a comprehensive green energy solution that can be duplicated in all islands of the globe.

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Saur Energy – Total Eren & Gransolar To Build 14.8 MWp Microgrid Project In Galapagos Islands



French energy major Total Eren, and Gransolar, an Ecuadorian developer have announced the joint design, development, financing, construction, and operation of a microgrid project in the Galápagos Islands.

The E-Quator Energy project will combine a 14.8 MWp solar photovoltaic plant with a 40.9 MWh electricity storage capacity. Located in the Galápagos Islands, declared by UNESCO as a Natural World Heritage Site, the project will enable an increase of the share of renewables in the local electricity consumption from 15% to up to 70%.

The E-Quator project – formerly known as “Conolophus” – was launched by Gransolar in September 2018 as a private initiative. The project was presented to the Ecuadorian Ministry of Energy and Nonrenewable Natural Resources that decided to hold a Public Selection Process (Proceso Público de Selección) in March 2020. Total Eren joined Gransolar’s initiative in July 2020 to join the process, during which five companies were shortlisted by the Government of Ecuador. On September 8th, 2021, Total Eren and Gransolar were officially awarded the project. The Partners will work together through a 50/50 joint venture company, “E-Quator Energy”, which will sign the concession agreement for 25 years with the Ecuadorian authorities.

This microgrid will integrate 4 components:

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Today, 85% of the Galápagos Islands’ electricity consumption relies on fossil fuels. The E-Quator project will increase the supply of electricity generated through renewable energy sources to up to 70%, while decreasing diesel imports and consumption by approximately 1.6 million barrels per year.

The Galapagos Islands were declared as a Natural World Heritage Site by UNESCO and are well-known for their abundant wildlife. The Partners are committed to ensure that all steps of development, construction and operation of the project be made with the highest care and attention paid to the unique local biodiversity of the Archipelago.

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Island nations and territories have been a special focus of the ISA too in terms of cutting down fossil fuel use and replacing it with renewable energy, mostly solar.

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About Total Eren

Founded in 2012 by Pâris Mouratoglou and David Corchia, Total Eren develops, finances, builds and operates renewable energy power plants (solar, wind, hydro) representing a gross capacity of more than 3,500 MW in operation or under construction worldwide.

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Renewables Now – Details emerge about solar-storage micro-grid project on Galapagos Islands



Paris-based independent power producer (IPP) Total Eren and Ecuadorian renewables investor Gransolar said that they have received support from the governments of France and Ecuador for the solar-plus-storage micro-grid system they are about to build on the Galapagos Islands and added some details about the project.

In late August, the Gransolar-Total Eren consortium secured a 25-year concession in Ecuador's tender for the construction and operation of a 14.8-MWp solar PV farm, 40.9 MWh of battery storage, a transmission line and a micro-grid control system. For the duration of the tender, the project was known as Conolophus.

In a joint press release sent today, Total Eren and Gransolar said the project had been renamed and is now called E-Quator.

Gransolar launched the project in September 2018 as a private initiative, the press release reads. The project was then presented to the Ecuadorian ministry of energy non-renewable natural resources, which started a tender process in March 2020 to award the concession for the full implementation of the Conolophus system.

Total Eren joined Gransolar in July 2020, the companies now say.

As the tender proceeded, five companies and consortia were pre-qualified to participate in the process, but only the Gransolar-Total Eren tie-up ended up submitting technical and economic offers. Gransolar and Total Eren were pronounced winners in late August, and were officially awarded the project on September 8.

In today's release, the partners say they will work together through a 50/50 joint venture (JV) they named E-Quator Energy. This entity will signed the 25-year concession agreement with the Ecuadorian authorities.

The micro-grid will integrate a solar farm, located on the Baltra Island, two batteries coupled with the solar farm on the Baltra Island and Santa Cruz Island, a 44-kilometre sub-transmission line interconnecting the two islands and a micro-grid controller to operate the dispatch of all energy generation plants in the archipelago.

Total Eren and Gransolar will jointly design, finance, build and operate the system.

The E-Quator micro-grid will help the Galapagos Islands, a UNESCO Natural World Heritage Site, reduce diesel imports and consumption by around 1.6 million barrels per year. The share of renewables in the local power consumption is expected to rise to up to 70% from 15%, Total Eren and Gransolar said.

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Renewables Now – Gransolar-Total Eren tie-up wins Galapagos solar-storage project



In our stories "Gran Solar-Total Eren tie-up wins Galapagos solar-storage project" (dated August 30, 2021), "Offer by lone bidder in Ecuador's solar-storage tender revealed" (dated June 22, 2021) and "Ecuador receives only one bid for Galapagos solar-plus-storage project" (dated March 8, 2021), please note that the nationality of the company Gransolar, also referred to as Gran Solar, was misidentified. The bidder in the tender that was the subject of our stories is Gransolar, an Ecuadorian renewable energy investor, not a Spanish solar PV company that also goes by the name of Gransolar (corrects nationality, clarifies company activity).

Corrected versions of the three stories follow below starting from the most recent:

"Gran Solar-Total Eren tie-up wins Galapagos solar-storage project"

An alliance between Ecuadorian renewables investor Gransolar and French independent power producer Total Eren has been awarded a 25-year concession in Ecuador's tender for the construction and operation of the Conolophus solar-plus-storage system on the Galapagos Islands, the Ecuadorian ministry of energy and non-renewable natural resources announced on Sunday.

The Gransolar-Total Eren consortium was the only one left standing in the over-a-year long tender process after four other pre-qualified bidders dropped out of the race before submitting envelopes with technical offers.

The Ecuadorian-French duo won the right to build and operate a 14.8-MW solar PV plant, a 40.9-MWh battery storage system and transmission infrastructure that will connect the islands of Baltra and Santa Cruz. Also part of the project is the deployment of a micro-grid central control system that will integrate all existing and future generation and storage plants in an effort to reduce diesel consumption on the archipelago, the ministry said.

The Conolophus project will be realised with 100% private capital and pull an investment of USD 63 million (EUR 53.4m), minister Juan Carlos Bermeo Calderon said in the ministry's press release.

After being the only bidder to present the technical offer, the Gransolar-Total Eren consortium proceeded into the next stage and presented an economic offer of USD 458.88 per MWh.

"Offer by lone bidder in Ecuador's solar-storage tender revealed"

The only bidder in the tender for the construction and operation of the Conolophus solar-plus-storage plant in the Galapagos Islands presented an economic offer of USD 458.88 (EUR 475.08) per MWh, Ecuador's ministry of energy and non-renewable natural resources announced on Monday.

The offer was made against the reserve price of USD 565.4/MWh set by the agency for the regulation and control of energy and non-renewable natural resources (ARC), the ministry said.

The bid was submitted by the Gransolar-Total Eren consortium, formed by Ecuadorian renewables investment firm Gransolar and French independent power producer Total Eren.

In early March 2021, Gransolar was named by the ministry as the only bidder for the 14.8-MW/40.9-MWh Conolophus solar-plus-storage project. At the time, Total Eren was not mentioned even though the French company, as Gransolar's partner, was one of five bidders pre-qualified to participate in the selection process.

Total Eren's involvement in the tender was confirmed by the ministry in the press release on Monday.

The opening of envelopes with the economic offer was to be held on April 26, but the event was delayed temporarily to allow then president-elect Guillermo Lasso to form the new government.

The Conolophus project comes with a 25-year concession, a power purchase agreement (PPA), tax breaks and other incentives, as the government of Ecuador seeks to attract some USD 45 million in private investment and reduce diesel consumption and CO2 emissions on the Galapagos Archipelago.

"Ecuador receives only one bid for Galapagos solar-plus-storage project"

Ecuador's ministry of energy and non-renewable natural resources has received only one bid in the international call for tenders for the construction and operation of the Conolophus solar-plus-storage plant in the Galapagos Islands.

On Friday, a ministry commission held a public event to open envelopes containing technical offers for the 14.8-MW/40.9-MWh solar-plus-storage project, finding only a bid from Gransolar, according to the ministry's press release that day.

Ecuadorian renewables investment firm Gransolar, in partnership with French independent power producer Total Eren, was named by the ministry as one of five bidders pre-qualified to take part in the selection process. The other four were Canadian Solar Conolophus, Voltalia SA (EPA:VLTSA), Woojin Industrial Systems and Scatec Solar-Energy Flex, it was announced last August.

The opening of envelopes with the economic offer will be held on April 26. The ministry expects to declare the winner or void the tender process on May 3.

The government of Ecuador is expecting the Conolophus project to attract some USD 45 million (EUR 37.9m) in private investment and is offering a concession, a power purchase agreement (PPA) and tax breaks, among other incentives.

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PV Magazine – Total Eren et Gransolar vont construire le micro-réseau des Galapagos, en Équateur

pv magazine

Traduit de l'espagnol

La multinationale française Total Eren et l'IPP équatorien Gransolar ont annoncé qu'ils allaient développer conjointement le projet de micro-réseau dans les îles Galápagos. Ils concevront, développeront, financeront, construiront et exploiteront conjointement E-Quator Energy, qui combinera une centrale solaire photovoltaïque de 14,8 MWp et une capacité de stockage d'électricité de 40,9 MWh.

Le projet, situé dans les îles Galápagos, site classé au patrimoine mondial de l'UNESCO, permettra de faire passer la part des énergies renouvelables dans la consommation d'électricité de 15 à 70 %.

Le projet E-Quator a été présenté par Gransolar en septembre 2018 comme une initiative privée. Après avoir été promu par le ministère de l'énergie et des ressources naturelles non renouvelables de l'Équateur en mars 2020 dans le cadre d'un processus de sélection publique, Total Eren a rejoint Gransolar en juillet 2020 pour poursuivre le processus au cours duquel cinq entreprises ont été présélectionnées par le gouvernement équatorien. Le 8 septembre 2021, Total Eren et Gransolar se sont officiellement vu attribuer le projet.

Les partenaires travailleront ensemble par le biais d'une coentreprise à parts égales, "E-Quator Energy", qui signera le contrat de concession de 25 ans avec les autorités équatoriennes.

La centrale micro-réseau sera composée d'un parc photovoltaïque de 14,8 MWp, situé sur une ancienne base aérienne militaire sur l'île de Baltra ; de deux systèmes de service d'énergie de batterie (BESS) associés au parc solaire pour une capacité de décharge totale de 40,9 MWh sur les îles de Baltra et de Santa Cruz ; d'une ligne de sous-transmission de 44 km reliant les îles de Baltra et de Santa Cruz ; et d'un contrôleur de micro-réseau qui gèrera la répartition de tous les actifs de production d'énergie dans l'archipel.

Aujourd'hui, 85 % de la consommation d'électricité des îles Galápagos repose sur les combustibles fossiles. Le projet E-Quator augmentera jusqu'à 70 % l'offre de production d'électricité à partir de sources d'énergie renouvelables en réduisant les importations et la consommation de diesel d'environ 1,6 million de barils par an.

Le projet a reçu le soutien des gouvernements équatorien et français le 8 décembre 2021, avec la signature d'une déclaration d'intention à Quito par le ministre français du commerce extérieur et de l'attractivité économique, M. Franck Riester, et les ministres équatoriens de la production, M. Julio José Prado, et de l'énergie et des ressources naturelles non renouvelables, M. Juan Carlos Bermeo.

Outre le projet E-Quator, Total Eren possède actuellement 300 MW de centrales solaires et éoliennes en exploitation ou en construction au Brésil, 190 MWp de capacité solaire en exploitation au Chili et 180 MW d'actifs solaires et éoliens en exploitation en Argentine.

Gransolar, fondé en 2012, est, depuis 2014, le propriétaire de la plus grande centrale solaire d'Équateur.

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Galapagos Inmediato – Total Eren et Gransolar vont construire le micro-réseau des Galapagos, en Équateur



Traduit de l'espagnol

La multinationale française Total Eren et l'IPP équatorien Gransolar ont annoncé qu'ils allaient développer conjointement le projet de micro-réseau dans les îles Galápagos. Ils concevront, développeront, financeront, construiront et exploiteront conjointement E-Quator Energy, qui combinera une centrale solaire photovoltaïque de 14,8 MWp et une capacité de stockage d'électricité de 40,9 MWh.

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Aujourd'hui, 85 % de la consommation d'électricité des îles Galápagos repose sur les combustibles fossiles. Le projet E-Quator augmentera jusqu'à 70 % l'offre de production d'électricité à partir de sources d'énergie renouvelables en réduisant les importations et la consommation de diesel d'environ 1,6 million de barils par an.

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Gransolar, fondé en 2012, est, depuis 2014, le propriétaire de la plus grande centrale solaire d'Équateur.

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December 13th



PV Magazine – Total Eren s'associe à Gransolar sur un projet microgrid dans les îles Galapagos, en Equateur

pV magazine

Afin de faire passer de 15 % à 70 % la part des EnR dans la consommation électrique de l'archipel des Galapagos, le projet E-Quator prévoit la construction d'une centrale solaire photovoltaïque de 14,8 MWc et de deux systèmes de batteries pour une capacité totale de déchargement de 40,9 MWh.

L'IPP français Total Eren et le développeur équatorien Gransolar développeront, financeront, construiront et exploiteront ensemble un microgrid sur l'archipel des Galapagos en Equateur, dans le cadre de la joint-venture à 50/50 "E-Quator Energy", qui signera un accord de concession sur 25 ans avec les autorités équatoriennes.

A l'heure actuelle, 85 % de la consommation électrique de l'archipel des Galapagos provient en effet de sources fossiles et le reste des énergies renouvelables. Le projet E-Quator vise donc à accroître la part des EnR jusqu'à 70 % de la consommation électrique locale, en diminuant l'importation et la consommation de diesel d'environ 1,6 millions de barils par an. Celui-ci comporte quatre briques technologiques :

- Une centrale solaire photovoltaïque de 14,8 MWc qui sera située sur une ancienne base militaire aérienne près des îles de Baltra ;
- Deux systèmes de batteries (Battery Energy Service Systems ou BESS) associés à la centrale solaire pour une capacité totale de déchargement de 40,9 MWh sur les îles de Baltra et de Cruz ;
- Une ligne de sous-transmission de 44 km reliant les îles de Baltra et de Cruz ;
- Enfin, un contrôleur microgrid opérera la distribution de l'énergie générée dans l'archipel des Galapagos.

« Le projet microgrid E-Quator prouve que l'énergie solaire associée à des batteries constitue une solution techniquement fiable, capable de répondre aux défis économiques et environnementaux auxquels se heurtent des régions dépendantes d'une électricité produite à partir de diesel, a salué pour l'occasion Martin Rocher, Vice-Président en charge des activités de Total Eren en Amérique latine. Nous contribuons à changer le modèle d'alimentation énergétique de l'archipel des Galapagos, en transition vers un système auto-suffisant à base d'énergie bas-carbone ».

E-Quator, anciennement connu sous le nom de "Conolophus", a été lancé en septembre 2018. Il était initialement porté par Gransolar, société équatorienne fondée en 2012 par un groupe d'investisseurs et qui possède depuis 2014 la plus grande centrale solaire d'Equateur. Le projet a ensuite été présenté au ministère équatorien de l'Energie et des ressources naturelles non renouvelables, qui décide d'organiser un appel d'offre public (Proceso Público de Selección) en mars 2020. En juillet 2020, Total Eren s'est associé au processus, à la suite duquel cinq entreprises ont présélectionnées par le gouvernement équatorien, et que Total Eren et Gransolar ont remporté le 8 septembre 2021. Le 8 décembre 2021, les gouvernements français et équatoriens ont officialisé leur soutien au projet à travers la signature d'une déclaration d'intention à Quito. « Ce projet emblématique qui vise à préserver l'environnement a nécessité cinq ans de développement, a ainsi rappelé Pablo López, Directeur Général de Gransolar. En tant que société équatorienne, nous nous sentons investis d'une responsabilité d'autant plus grande d'accélérer les projets renouvelables dans le pays, particulièrement dans une région aussi unique que les îles Galapagos », qui rappelons-le sont inscrites au Patrimoine naturel mondial par l'Unesco.

Ciudad
Cegrita yacho
BRUNSWICK
(48)



PRESS BOOK

*TOTAL EREN COMMISSIONS 97.2 MW "VIENTOS LOS HÉRCULES"
WIND FARM IN ARGENTINA*

17th March 2021

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Conto
monta y hace
BRUNSWICK
(16A)

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10th March

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Reuters – BRIEF-Total Eren: commissions the 97.2 MW “Vientos Los Hércules” wind farm in Argentina



March 10 (Reuters) - Total SE [TOTF.PA] :

- TOTAL EREN: ANNOUNCES THE SUCCESSFUL COMMISSIONING OF THE 97.2MW “VIENTOS LOS HERCULES” WIND FARM IN SOUTHERN ARGENTINA
- TOTAL EREN: VIENTOS LOS HÉRCULES IS TOTAL EREN’S BIGGEST WIND FARM TO ENTER INTO OPERATION IN LATIN AMERICA. IT WILL PRODUCE APPROXIMATIVELY 400 GWH PER YEAR
- TOTAL EREN: ELECTRICITY GENERATED BY VIENTOS LOS HÉRCULES IS CONTRACTED THROUGH A USD-BASED 20-YEAR POWER PURCHASE AGREEMENT (PPA) WITH CAMMESA, THE ARGENTINIAN ADMINISTRATOR OF THE WHOLESALE ELECTRICITY MARKET.

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gobanta y dos
BRUNSWICK

CercleFinance.com - Démarrage d'une centrale éolienne en Argentine



C47H

Total Eren -producteur d'électricité d'origine renouvelable dont Total est actionnaire minoritaire- annonce la mise en service de la centrale éolienne de "Vientos Los Hércules" (97,2 MW) située dans la Province de Santa Cruz, au sud de l'Argentine.

Plus grande centrale de Total Eren mise en service en Amérique latine, elle produira environ 400 GWh par an - suffisamment pour répondre aux besoins en énergie d'environ 110.000 foyers - et réduira les émissions de CO2 de plus de 200.000 tonnes chaque année.

L'électricité générée par Vientos Los Hércules a été contractée avec CAMMESA, l'opérateur du marché argentin, via un contrat de vente de l'électricité produite (Power Purchase Agreement ou PPA) signé en dollars sur 20 ans.

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Renewables Now – Total Eren switches on 97.2-MW wind farm in Argentina



March 10 (Renewables Now) - French independent power producer (IPP) Total Eren today announced the commissioning of its 97.2-MW Vientos Los Hercules wind farm in southern Argentina's Santa Cruz province.

Being Total Eren's third renewable power plant that comes into operation in Argentina, the wind farm is also the company's largest wind park in Latin America. The Paris-based firm owns the plant together with Japan's Mistui & Co, which bought a 34% interest through its local arm in 2018.

The Vientos Los Hercules will operate under a USD-denominated 20-year power purchase agreement (PPA) with Argentine wholesale electricity market administrator CAMMESA. Its annual output is estimated to be around 400 GWh.

Total Eren won the project in a government tender held in October 2016 in the first round of the country's RenovAR programme. The scheme was co-funded by the Dutch development bank (FMO), Germany's KfW IPEX and development finance institution (DEG).

Including Vientos Los Hercules, Total Eren now has roughly 180 MW of wind and solar parks in operation in Argentina. At end-2020, it brought online the 50.4-MW Malaspina wind farm in Chubut province.

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Cinto
planta y centro
BRUNSWICK
(174)

GreenUnivers - Vite Vu - Mercredi 10 mars



Total Eren a mis en service la centrale éolienne de Vientos Los Hercules (97,2MW) située au sud de l'Argentine.

[Signature]

Cinto
Secretaría YPF
BRUNSWICK
(e7f)

El Economista.com.ar - Autorizan ingreso de parque eólico de YPF al mercado eléctrico

El Economista

Autorizan ingreso de parque eólico de YPF al mercado eléctrico

FacebookTwitterWhatsAppShare

La Secretaría de Energía autorizó hoy el ingreso como agente generador del Mercado Eléctrico Mayorista (MEM) a la empresa YPF Energía Eléctrica.

En el caso de YPF, la autorización de Energía es para su Parque Eólico Los Teros II, ubicado en la localidad bonaerense de Azul, y lo hizo a través de la resolución 171/2021 publicada hoy en el Boletín Oficial.

El parque eólico cuenta con una potencia de 52,4 megavatios (MW), conectándose al Sistema Argentino de Interconexión (SADI) en el nivel de 132 kilovoltios (Kv) de la nueva Estación Transformadora Los Teros, vinculada a la Línea de Alta Tensión 132 kV Olavarría – Tandil, jurisdicción de la compañía de transporte energético Transba.

La resolución también instruyó a la Compañía Administradora del Mercado Mayorista Eléctrico (Cammesa) a efectos de que los sobrecostos que se ocasionen a los demás agentes del MEM y las penalidades que deban abonar los prestadores de la Función Técnica del Transporte (FTT) derivados de eventuales indisponibilidades con motivo del ingreso que este acto autoriza, sean cargadas a la empresa YPF Energía Eléctrica.

Santa Cruz

Por su parte, Total Eren puso marcha el parque eólico Vientos Los Hércules, en Santa Cruz y con una potencia de 97,2 MW, informó la empresa en un comunicado.

Vientos Los Hércules es el parque eólico más grande que Total Eren opera en América Latina, y producirá aproximadamente 400 gigavatios hora (GWh) al año, lo que es suficiente para cubrir el consumo energético de aproximadamente 110 000 hogares, y reducirá emisiones de dióxido de carbono en más de 200 000 toneladas al año.

La electricidad generada por Vientos Los Hércules forma parte de un contrato de abastecimiento de energía a 20 años y pagadero en dólares con Cammesa.

Conto
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BRUNSWICK
(976)

Paranoá Energia - Total Eren inicia operação de eólica argentina



Da Redação, de Brasília (com apoio da Total Eren) —

A Total Eren, um produtor independente de energia sediado em París, anunciou o início das operações do parque eólico "Vientos Los Hércules", de 97,2 MW, na província argentina de Santa Cruz.

"Vientos Los Hércules" é o maior projeto eólico da Total Eren na América Latina e produzirá cerca de 400 GWh por ano, o que é suficiente para abastecer aproximadamente 110 mil residências. Também contribuirá para reduzir emissões de dióxido de carbono em mais de 200 mil toneladas/ano.

Em outubro de 2016, o Governo da Argentina adjudicou o projeto à Total Eren, no âmbito da primeira rodada de licitação do programa "RenovAr". Foi um processo competitivo de licitação, que se iniciou em maio de 2016 e tinha como objetivo diversificar a matriz de eletricidade da Argentina, além de reduzir os custos com a geração elétrica.

A Total Eren foi uma das primeiras empresas europeias a entrar com êxito no mercado de energia renovável da Argentina. Em dezembro de 2018, a empresa japonesa de investimentos e comércio Mitsui comprou 34% de participação no projeto, através da MIT Argentina Generation Holding LTD., uma filial da Mitsui.

Os empreendedores obtiveram financiamento para o projeto através das instituições financeiras KfW, DEG e FMO. A energia gerada pelo parque "Vientos Los Hércules" é parte de um contrato de abastecimento de 20 anos firmado com a Cammesa, que é o administrador argentino do mercado atacadista de energia, uma espécie de CCEE brasileira.

Fabienne Demol, vice-presidente executiva e diretora mundial de Desenvolvimento Comercial da Total Eren, comentou: "Estamos muito felizes por conquistar este novo objetivo na Argentina com nosso sócio Mitsui. O "Vientos Los Hércules" é o terceiro projeto de energia renovável da Total Eren em operação no país e logo vamos iniciar as operações do parque eólico Malaspina, na província de Chubut".

Martin Parodi, diretor geral da Total Eren na Argentina, assim se manifestou: "Estamos muito contentes por alcançar a operação comercial do projeto "Vientos Los Hércules", na província de Santa Cruz, depois de alguns anos de trabalho duro e muita perseverança, devido a insolvência de uma empresa que contratamos, além de todas as dificuldades surgidas em consequência da Covid-19".

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(177)

11th March



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Esmerk Latin American News - Argentina: Total Eren and Mitsui begin operation in wind power park



Rio Negro, 11 Mar 2021, Online: Energy company Total Eren and Japanese firm Mitsui have begun operations in Vientos Los Hercules wind power park in Santa Cruz in Argentina. The park generates 97.2MW. This would be sufficient to feed around 110,000 homes.

A large, stylized handwritten signature in blue ink, located at the bottom right of the page.

EconoJournal - Total Eren puso en marcha el parque eólico "Vientos Los Hércules" en Santa Cruz



Fundada en 2012, la empresa de energía renovable Total Eren puso en marcha el parque eólico "Vientos Los Hércules" de 97,2 MW en la provincia argentina de Santa Cruz. Con una producción de aproximadamente 400 GWh al año, constituye el parque eólico más grande que Total Eren opera en América Latina. Se estima que el proyecto cubrirá el consumo energético de 110 mil hogares y se reducirán las emisiones de carbono en más de 200 mil toneladas al año. La electricidad generada forma parte de un contrato de abastecimiento de energía a 20 años y pagadero en USD con CAMMESA, el administrador argentino del mercado eléctrico mayorista.

En octubre del 2016, el gobierno argentino adjudicó este proyecto a Total Eren en el marco de la primera ronda de licitación del programa RenovAr y desde diciembre del 2017, la energética Total S.A. forma parte de Eren como accionista. Un año después, Mitsui & Co., Ltd. ("Mitsui"), una de las principales empresas de inversión y comercio de Japón, adquirió un 34 % de participación en el proyecto a través de MIT Argentina Generation Holding LTD., una filial de Mitsui.

Fabienne Demol, vicepresidente ejecutivo y director mundial de Desarrollo Comercial de Total Eren, manifestó la intención de brindar más soluciones competitivas de energía renovable en Argentina y en América Latina y explicó que "Vientos Los Hércules es el tercer proyecto de energía renovable de Total Eren en operación en el país, luego de la puesta en marcha del parque eólico Malaspina en la provincia de Chubut hace tres meses".

Asimismo, Martin Parodi, director general de Total Eren en Argentina, se manifestó complacido de alcanzar la operación comercial de este proyecto eólico "tras algunos años de trabajo duro y perseverancia debido a la insolvencia de nuestro contratista y todos los retos que enfrentamos como consecuencia del COVID-19. Quiero felicitar y agradecer a nuestro socio Mitsui y a nuestros equipos por su compromiso y esfuerzo para hacer de este proyecto una realidad".

Vientos Los Hércules es el primer proyecto de energía eléctrica de la compañía Mitsui en Argentina. Al respecto, Noriaki Watanabe, director de MIT Argentina Generation Holding Ltd., comentó: "Apreciamos enormemente la dedicación y el aporte de nuestros equipos para superar los obstáculos que hemos enfrentado hasta el día de hoy. Con este proyecto, Mitsui tiene el objetivo de contribuir con Total Eren a crear una sociedad con un ambiente sostenible".

Además del proyecto recientemente lanzado, Total Eren opera otras dos centrales de generación de energía renovable en Argentina: el parque solar Caldenes del Oeste (30 MW) en la provincia de San Luis, y el parque eólico Malaspina (50,4 MW) que comenzó a operar en diciembre del 2020 en la provincia de Chubut. Los parques solares, eólicos e hidroeléctricos de la firma representan una capacidad bruta de más de 3300 MW en explotación o en construcción en todo el mundo. El objetivo es alcanzar una capacidad global bruta instalada de más de 5 GW para el 2022.

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Revista Nuevas Energías - Autorizan ingreso de parque eólico de YPF al mercado eléctrico y ponen en marcha otro en Santa Cruz

revista
NUEVAS ENERGÍAS
On line

La Secretaría de Energía autorizó el ingreso como agente generador del Mercado Eléctrico Mayorista (MEM) a la empresa YPF Energía Eléctrica, en tanto que la firma Total Eren anunció la puesta en marcha de su parque eólico en la provincia de Santa Cruz.

En el caso de YPF, la autorización de Energía es para su Parque Eólico Los Teros II, ubicado en la localidad bonaerense de Azul, y lo hizo a través de la resolución 171/2021 publicada hoy en el Boletín Oficial.

El parque eólico cuenta con una potencia de 52,4 megavatios (MW), conectándose al Sistema Argentino de Interconexión (SADI) en el nivel de 132 kilovoltios (Kv) de la nueva Estación Transformadora Los Teros, vinculada a la Línea de Alta Tensión 132 kV Olavarría – Tandil, jurisdicción de la compañía de transporte energético Transba.

La resolución también instruyó a la Compañía Administradora del Mercado Mayorista Eléctrico (Cammesa) a efectos de que los sobrecostos que se ocasionen a los demás agentes del MEM y las penalidades que deban abonar los prestadores de la Función Técnica del Transporte (FTT) derivados de eventuales indisponibilidades con motivo del ingreso que este acto autoriza, sean cargadas a la empresa YPF Energía Eléctrica.

Por su parte, Total Eren puso marcha el parque eólico Vientos Los Hércules, con una potencia de 97,2 MW, informó la empresa en un comunicado.

Vientos Los Hércules es el parque eólico más grande que Total Eren opera en América Latina, y producirá aproximadamente 400 gigavatios hora (GWh) al año, lo que es suficiente para cubrir el consumo energético de aproximadamente 110 000 hogares, y reducirá emisiones de dióxido de carbono en más de 200 000 toneladas al año.

La electricidad generada por Vientos Los Hércules forma parte de un contrato de abastecimiento de energía a 20 años y pagadero en dólares con Cammesa. Fuente: Telam.

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(181)

16th March



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exchanges y dos
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(187)

ArabianBusiness.com - Total Eren flexes muscles at 97MW Hercules

Arabian
Business

French independent power producer Total Eren has commissioned the over 97MW Vientos Los Hercules wind farm in Santa Cruz Province, southern Argentina.

The 97.2MW project is Total Erens biggest wind farm to enter operation in Latin America.

It will produce approximately 400 gigawatt-hours of electricity a year.

The government of Argentina awarded this project to Total Eren in October 2016, following the first round of the RenovAr call for tenders.

Mitsui, one of Japans largest global trading and investment companies, holds a 34% stake in the project.

Total Eren achieved financial close for the project from KfW IPEX (loan guaranteed by Euler Hermes), DEG and FMO.

The electricity generated by Vientos Los Hercules is contracted through a USD-based 20-year Power Purchase Agreement (PPA) with CAMMESA, the Argentinian administrator of the wholesale electricity market.

Global head of business development Fabienne Demol said: We are very pleased to reach this new milestone in Argentina with our partner Mitsui.

Vientos Los Hercules represents Total Erens third renewable energy project in operation in the country, following the commissioning of our Malaspina wind farm in the Chubut province only three months ago.

I want to thank our teams for their hard work and resilience which made these achievements possible.

We look forward to providing more competitive renewable energy solutions in Argentina and in Latin America.

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Ciudad
de los
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PRESS BOOK

*Total Eren Commissions 50.4MW "Malaspina" Wind Farm in
Argentina*

3rd December 2020

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BRUNSWICK
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3rd December

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BRUNSWICK
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Reuters – BRIEF-Total Eren commissions 50.4 MW 'Malaspina' wind farm in Argentina



COMMISSIONS 50.4 MW "MALASPINA" WIND FARM IN ARGENTINA

BESIDES "MALASPINA", TOTAL EREN IS BUILDING ANOTHER WIND FARM NAMED "VIENTOS LOS HERCULES" (97.2 MW) IN THE SANTA CRUZ PROVINCE

"MALASPINA" EXPECTED TO PRODUCE 245 GWH PER YEAR, ENOUGH TO SUPPLY THE NEED OF 60,000 HOMES IN ARGENTINA

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CONFIDENTIAL
Cuenta y giro
BRUNSWICK
(187)

Renewables Now – Total Eren commissions 50.4-MW wind farm in Argentina



French independent power producer (IPP) Total Eren on Thursday said that it has commissioned its 50.4-MW Malaspina wind farm in southern Argentina.

The company's second renewables project commissioned in Argentina, Malaspina is located in Chubut, a Patagonian province stretching between the Andes and the Atlantic ocean. According to Total Eren, average wind speeds there can exceed 10 metres per second, comparable to offshore wind farm sites in German waters of the North Sea.

The Malaspina project was co-funded by the Dutch development bank (FMO) and Germany's KfW IPEX-Bank. The wind farm features 14 pieces of Servion 3.6M114NES turbines, which are expected to generate around 245 GWh per year.

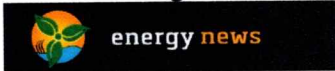
Malaspina will operate under a USD-denominated 20-year power purchase agreement (PPA) with Argentine wholesale electricity market administrator CAMMESA. Total Eren owns three solar and wind power plants in operation or under construction in Argentina, each backed by 20-year PPAs with CAMMESA, the Paris-based company said.

Malaspina will be joined by the 97.2-MW Vientos Los Hercules wind farm, currently under construction in Santa Cruz province. In August 2018, Total Eren commissioned the 30-MWp solar photovoltaic (PV) Caldenes del Oeste in the province of San Luis.

A handwritten signature in blue ink, appearing to be "JH".

Capt
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Energy News – Total Eren has commissioned its 50.4 MW Malaspina wind project in southern Argentina



Malaspina is Total Eren's second renewable energy project to be commissioned in the country.

The Malaspina wind farm is located in the Chubut province, one of the five Patagonian provinces which lies on the Atlantic coast and where average wind speeds can exceed 10 m/s.

The wind farm was co-financed by KfW IPEX-Bank and FMO in December 2018 and holds a USD-based

20-year Power Purchase Agreement (PPA) with CAMMESA, the Argentinian administrator of the wholesale electricity market.

It is equipped with 14 type 3.6M114NES wind turbines from the German company Servion, and it is expected to produce 245 GWh per year, enough to supply the need of 60,000 homes in Argentina.

Besides Malaspina, Total Eren is building another wind farm named Vientos Los Hercules (97.2 MW) in the Santa Cruz Province, in which Mitsui & Co. owns a 34% stake, and had commissioned a 30 MWp solar photovoltaic (PV) farm named Caldenes del Oeste in the San Luis Province in August 2018.

"We are delighted to reach the commissioning of the Malaspina wind project, our second renewable energy project being commissioned in Argentina after the Caldenes del Oeste solar farm. This new achievement demonstrates our strong commitment to this market. I want to thank our teams for their determination and resilience to lead this project to a successful commissioning. Looking forward, I am eager to provide more competitive renewable energy solutions in Argentina and in Latin America."

Fabienne Demol, executive VP and global head of Business Development of Total Eren.

"We are extremely pleased to have obtained commercial operation of our Malaspina wind farm, the result of two years of intense work. Construction and commissioning have not been easy due to the unique challenges we have faced (including Servion insolvency and Covid 19). Nonetheless, thanks to the support and efforts of our lenders, suppliers and contractors, and especially to the amazing job done by our France and Argentina teams, we have been able to prevail and reach this very important milestone. We look forward to completing our ongoing projects and continuing to participate actively in the renewable energy sector of Argentina and Latin America."

Martin Parodi, managing director of Total Eren in Argentina.

Energía Estratégica – Total Eren pone en marcha del parque eólico «Malaspina» de 50 MW en Argentina



Total Eren, uno de los principales Productores Independientes de Electricidad ("IPP", por sus iniciales en inglés) de fuentes renovables, con sede en París, se complace en anunciar la puesta en marcha exitosa de su proyecto eólico "Malaspina", de 50,4 MW, en el sur de Argentina. "Malaspina" es el segundo proyecto de energía renovable de Total Eren que se pone en marcha en el país.

El parque eólico "Malaspina" se encuentra en la provincia de Chubut, una de las cinco provincias de la Patagonia, ubicada sobre la costa atlántica, en donde la velocidad promedio del viento puede superar los 10 m/s (comparable a la que se registra en los parques eólicos marítimos de la zona alemana del Mar del Norte).

El parque eólico fue financiado conjuntamente por KfW IPEX-Bank y FMO en diciembre de 2018, y cuenta con un contrato de abastecimiento de energía (PPA, por sus iniciales en inglés) a 20 años en dólares con CAMMESA, la Compañía Administradora del Mercado Mayorista Eléctrico en Argentina.

Está equipada con 14 turbinas eólicas de tipo 3.6M114 NES de la empresa alemana Senvion, y se espera que produzca 245 GWh por año, lo suficiente para abastecer a 60.000 hogares en Argentina.

Total Eren fue uno de los primeros desarrolladores europeos en realizar actividades en Argentina, tras la primera ronda del programa nacional RenovAr, en 2016. Hoy en día, Total Eren posee en el país tres plantas de energía solar y eólica que suman 180 MW en explotación o en construcción, y todas cuentan con contratos de abastecimiento de energía a 20 años con CAMMESA.

Además de "Malaspina", Total Eren está construyendo otro parque eólico llamado "Vientos Los Hércules" (97,2 MW) en la provincia de Santa Cruz, del que Mitsui & Co., Ltd posee un 34 %, y puso en marcha un parque solar fotovoltaico de 30 MWp llamado "Caldenes del Oeste" en la provincia de San Luis, en agosto de 2018.

Adicionalmente a estos proyectos, Total Eren ha participado en más de 600 oportunidades de diálogo y 150 actividades de desarrollo comunitario con los grupos de interés locales.

La empresa ayudó a otorgar becas a estudiantes de universidades y escuelas secundarias, a organizar talleres de concientización ambiental y actividades comunitarias para desarrollar distintas habilidades, a facilitar herramientas para reducir la brecha digital, a brindar acceso al agua potable, a mejorar la seguridad vial a nivel comunitario y colaboró en la lucha contra COVID-19, entre otras necesidades de la comunidad.

Además de sus 180 MW de activos de energía renovable en Argentina, Total Eren posee 190 MWp de capacidad solar en construcción en Chile y 300 MW de plantas de energía solar y eólica en explotación o en construcción en Brasil.

Fabienne Demol, Vicepresidenta Ejecutiva y Directora General de Desarrollo de Total Eren, comentó: "Estamos felices de haber logrado la puesta en marcha del proyecto eólico Malaspina, el segundo proyecto de energía renovable que ponemos en marcha en Argentina, después del parque solar "Caldenes del Oeste". Este nuevo logro muestra nuestro sólido compromiso con este mercado.

Quiero agradecer a nuestros equipos por su determinación y fortaleza para alcanzar la puesta en marcha exitosa de este proyecto. Para el futuro, deseo que podamos ofrecer más soluciones de energía renovable competitivas en Argentina y en Latinoamérica."

Martín Parodi, Director General de Total Eren en Argentina, añadió: "Estamos muy contentos de haber obtenido la operación comercial de nuestro parque eólico Malaspina, fruto de dos años de intenso trabajo. La construcción y la puesta en marcha no han sido sencillas debido a los desafíos particulares que hemos

enfrentado (incluyendo la insolencia de Senvion y COVID-19). Sin embargo, gracias al apoyo y a los esfuerzos de nuestras entidades financieras, proveedores y contratistas, y especialmente gracias al increíble trabajo que realizaron nuestros equipos de Francia y Argentina, hemos podido sobreponernos y alcanzar este hito tan importante. Esperamos completar nuestros proyectos en curso y seguir participando activamente en el sector de la energía renovable en Argentina y en Latinoamérica.”

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Paranoa Energia – Total Eren coloca em operação eólica argentina



(p. 1)

French independent power producer (IPP) Total Eren on Thursday said that it has commissioned its 50.4-MW Malaspina wind farm in southern Argentina.

The company's second renewables project commissioned in Argentina, Malaspina is located in Chubut, a Patagonian province stretching between the Andes and the Atlantic ocean. According to Total Eren, average wind speeds there can exceed 10 metres per second, comparable to offshore wind farm sites in German waters of the North Sea.

The Malaspina project was co-funded by the Dutch development bank (FMO) and Germany's KfW IPEX-Bank. The wind farm features 14 pieces of Senvion 3.6M114NES turbines, which are expected to generate around 245 GWh per year.

Malaspina will operate under a USD-denominated 20-year power purchase agreement (PPA) with Argentine wholesale electricity market administrator CAMMESA. Total Eren owns three solar and wind power plants in operation or under construction in Argentina, each backed by 20-year PPAs with CAMMESA, the Paris-based company said.

Malaspina will be joined by the 97.2-MW Vientos Los Hercules wind farm, currently under construction in Santa Cruz province. In August 2018, Total Eren commissioned the 30-MWp solar photovoltaic (PV) Caldenes del Oeste in the province of San Luis.

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Business and Financial Times – Total Eren Commission Argentinian Wind Farm

(197)



Total Eren, a renewable energy independent power producer (IPP) based in Paris, France, has announced the successful commissioning of its 50.4 MW Malaspina wind project in southern Argentina. Malaspina is Total Eren's second renewable energy project to be commissioned in the country.

The Malaspina wind farm is located in the Chubut province, one of the five Patagonian provinces which lies on the Atlantic coast and where average wind speeds can exceed 10 m/s (comparable with locations of offshore wind farms in the German part of the North Sea).

The wind farm was co-financed by KfW IPEX-Bank and FMO in December 2018 and holds a US-based 20-year power purchase agreement with CAMMESA, the Argentinian administrator of the wholesale electricity market. It is equipped with 14 type 3.6M114NES wind turbines from the German company Servion, and is expected to produce 245 GWh per yr, enough to supply the need of 60 000 homes in Argentina.

Total Eren was one of the first European developers to be active in Argentina following the first round of the national RenovAr programme in 2016. Currently, the company owns three solar and wind power plants totalling 180 MW in operation or under construction in the country, all of them benefiting from a 20-year power purchase agreement with CAMMESA.

Besides Malaspina, Total Eren is building another wind farm named Vientos Los Hercules (97.2 MW) in the Santa Cruz Province, in which Mitsui & Co., Ltd owns a 34% stake, and had commissioned a 30 MWp solar photovoltaic farm named Caldenes del Oeste in the San Luis Province in August 2018.

Alongside these projects, Total Eren has engaged in more than 600 dialogue opportunities and 150 community development activities with local stakeholders. The company helped in providing scholarships for university and high school students, organising environmental awareness workshops and activities to develop different community skills, delivering tools to help decrease the digital gap, providing access to drinking water, improving community road safety, and contributing to the fight against COVID-19, among other community needs.

In addition to its 180 MW of renewable energy assets in Argentina, Total Eren owns 190 MWp of solar capacity under construction in Chile and 300 MW of solar and wind power plants in operation or under construction in Brazil.

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