



FIT FOR FINANCING

55

The contribution of National
Promotional Banks and Institutions
in Europe

2021



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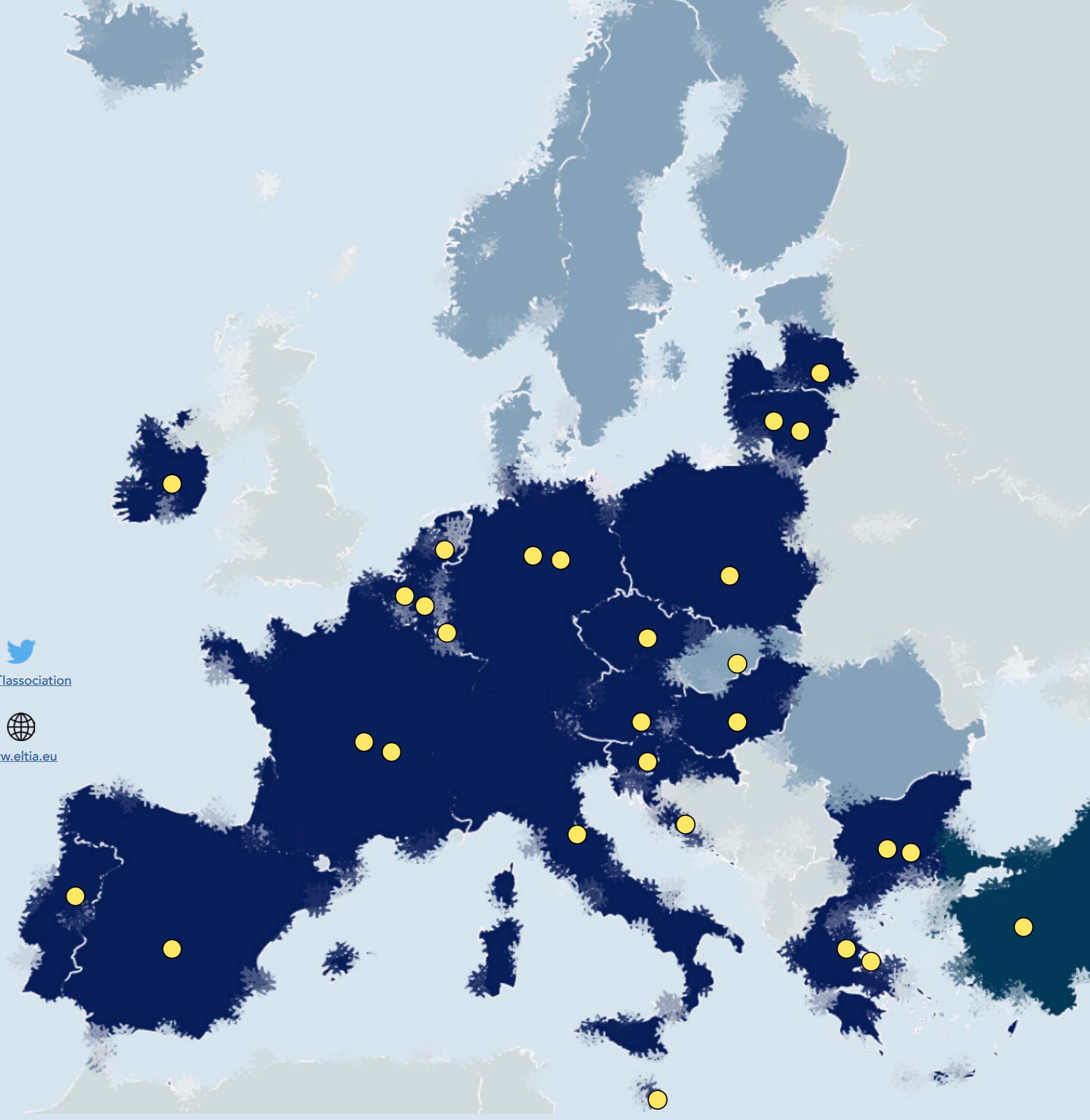
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www.eltia.eu





During the last decades we realized how important is the responsibility of every one and every organisation for the environmental situation of our planet. In 2021 only, we saw unprecedented flood disasters in Europe and China with hundreds of people drowned or temperatures of more than 50°C in the northern hemisphere with fires and people killed. All this shows that climate change happens today and we have to increase our efforts for our planet. Now!

Within the Paris-agreement - reached 5 years ago, under the umbrella of United Nations, 191 countries around the globe committed to keep the rise in global average temperature below 2°C. Different actions including the financing of various measures and the financing of the environment are part of this agreement. This year, the European answer is the proposal of the European Green Deal and the Fit for 55-package. This will mean a dramatic change of habits and the use of energy for living, transport and economic activities will be more expensive. The discussion shows already that sustainable finance ought to have a social dimension.

For ELTI members, the National Promotional

Banks and Institutions (NPBIs), sustainable finance belongs to their DNA for many years or even decades. All EU Member States developed National energy and climate plans in 2019 and in many cases the NPBIs take a crucial role in financing the implementation of these plans.

This brochure gives a flavour of the importance and diversity of projects financed by our members in EU Member States. This demonstrates the long-term experience of NPBIs in financing projects of different sizes, the strong link of ELTI members to national clients and markets in the public interest as well as the capability to develop innovative financing solutions in the interest of people and the environment. The green and social portfolio of NPBIs grew during the last years and we are ready to increase our efforts to save lives and our planet.

More than ever, NPBIs are needed for our common future.

Together, we can do more!

Laurent Zylberberg
ELTI President

A handwritten signature in black ink, appearing to read 'L. Zylberberg', written over a white background.

The logo for NBO (National Board of Obligations) is located at the bottom center of the page. It features the letters 'nbo' in a stylized, lowercase font, with 'NATIONAL BOARD OF OBLIGATIONS' written in smaller, uppercase letters below it.

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BELGIUM



Hexagon New business opportunities in Flanders

Space for business is scarce in fragmented Flanders. Real estate development fund Hexagon Invest therefore buys reconversion projects to redevelop them into industrial halls, SME parks and coworking spaces: good for the economy, people and the environment. PMV invested in the fund.

RUIMTE OM TE ONDERNEMEN

Ruimte om te ondernemen, is schaars in het versnipperde Vlaanderen. Het vastgoedontwikkelingsfonds Hexagon Invest koopt daarom reconversieprojecten aan om ze te herontwikkelen tot bedrijfshallen, KMO-parken en coworkingspaces: goed voor de economie, de mens en het milieu.

PMV nam vorig jaar een kapitaalparticipatie van 2,5 miljoen euro in het fonds. De (ontwikkelings-)projecten van Hexagon situeren zich immers grotendeels binnen de actiedomeinen van PMV: ruimte creëren om te ondernemen door onderbenutte sites en brownfields te revitaliseren en binnenstedelijke ontwikkelingen te stimuleren vanuit een streven naar efficiënt ruimtegebruik. Hexagon Invest, dat naast ondernemingsruimte ook kleinschalige reconversie-woonprojecten realiseert, is een initiatief van Jelle Vandendriessche en Stijn Eyckmans. Het fonds stelt middelen ter beschikking van haar dochtervennootschappen die de feitelijke vastgoedontwikkelingen zullen realiseren. Met haar investering beoogt PMV een hefboomeffect van 14,8 keer de PMV-inbreng te realiseren.



Een knap staaltje van duurzame industriële symbiose: afval van het ene bedrijf vormt grondstof voor een ander bedrijf.

Discover more here

www.hxgn.be

Wind without borders

Belgian green energy company Parkwind raised more than €700 from various financiers for its first German project in June 2021. Building on 10 years of experience in offshore wind farms, it will use the latest installation methods for that new park in the Baltic Sea. Arcadis Ost 1 will generate green energy to power up to 290,000 households starting in 2023. PMV has a 20% share in the project.

Duitse wind

Het Belgische groenestroombedrijf Parkwind haalde in juni 2021 bij verschillende financiers meer dan 700 euro op voor haar eerste Duitse project. Voortbouwend op 10 jaar ervaring in offshore windparken zal het voor dat nieuwe park in de Baltische zee de meest recente installatiemethoden gebruiken. Arcadis Ost 1 zal groene energie opwekken om vanaf 2023 tot 290.000 huishoudens van stroom te voorzien. PMV participeert voor 20 % mee in het project.

Arcadis Ost 1 is een offshore windmolenpark van 257 MW dat ontwikkeld wordt in de Duitse territoriale wateren van de Baltische Zee, ten noordoosten van het eiland Rügen. Het wordt ontwikkeld door Parkwind met de participatie van PMV en OstseeWindEnergie GmbH. Het windmolenpark zal in 2023 operationeel zijn en zal voldoende groene energie leveren om een equivalent van 290.000 huishoudens van stroom te voorzien.

Waterstof

Parkwind is al 10 jaar actief in de ontwikkeling, financiering, bouw en exploitatie van offshore windparken. De Belgische retailer Colruyt Group, investeringsmaatschappij Korys en de Vlaamse investeringsmaatschappij PMV investeren in offshore windenergie sinds 2009, eerst via Belwind en sinds 2012 via de participatie in Parkwind. Dankzij de samenwerking kon Parkwind uitgroeien tot een succesvolle ontwikkelaar van offshore windparken, die niet alleen in België meer dan 1/3 van de totale geïnstalleerde offshore capaciteit beheerd (771 MW, van de 2.262 MW) maar ook in het buitenland actief is met Arcadis Ost 1 en het Oriel Windfarm-project in Ierland (330 MW). Een belangrijke doelstelling van Parkwind is het aandeel van groene energie internationaal verder te verhogen.



Hydrogen for Belgium and the world

In the transition to a climate-neutral economy, an important role is assigned to hydrogen as a raw material for industry. The Flemish government already strongly believes in the chemical element, and even has the ambition to become a European leader. PMV is ready to support its rollout in Flanders.

ENERGIE

Waterstofprojecten van start

In de omslag naar een klimaatneutrale economie wordt er een belangrijke rol toegedicht aan waterstof als grondstof voor de industrie. De Vlaamse regering gelooft alvast sterk in het chemische element, en heeft zelfs de ambitie een Europese koploper te worden. PMV staat klaar de uitrol ervan in Vlaanderen mee te ondersteunen: een expertisecel verzamelt kennis om potentiële ideeën te kunnen financieren en via publieke-private samenwerkingen actief te participeren in de uitbouw van waterstofactiviteiten in Vlaanderen.

Om de industrie tegen 2050 klimaatneutraal te maken, moeten gigantische volumes aan fossiele brandstoffen worden vervangen. Waterstof kan in die transitie zeker een rol spelen, al is er héél veel hernieuwbare energie nodig om groene waterstof te produceren. Vlaanderen is te klein om met wind- en zonne-energie al die extra stroom te leveren, maar groene waterstof kan ook worden geïmporteerd. Onze



havens, transportinfrastructuur en pijpleidingennetwerk vormen zeker een troef. Alvast in onze havens wordt met grote verwachtingen naar de ontwikkeling van waterstof gekeken, met PMV als actieve partner.

6 miljoen bomen

In de Gentse haven gaan verschillende partners jaarlijks de CO₂-emissie met 140.000 ton verminderen (het werk van 6 miljoen bomen) en 44.000 ton groene methanol aanmaken voor de lokale chemische industrie, en als brandstof voor schepen en treinen. Het North-C-Methanol project is niet alleen wereldklasse met de grootste hernieuwbare waterstof-naar-methanolconstructie ooit, bovendien is het een knap staaltje van duurzame industriële symbiose: afval van het ene bedrijf vormt grondstof voor een ander bedrijf. PMV is consortiumpartner in de 140 miljoen euro kostende onderneming. Op de terreinen van ENGIE komt er een elektrolyser van 65 megawatt, een waterstoffabriek die water via windenergie uit de Noordzee zal omzetten in groene waterstof en zuurstof. Een tweede installatie wordt een methanolfabriek die de groene waterstof gaat gebruiken om de opgevangen CO₂-uitstoot van grote lokale industriële spelers zoals ArcelorMittal, Alco Bio Fuel en Nippon Gasses om te zetten naar groene methanol. De lokale chemische industrie en hernieuwbare brandstofindustrie nemen de methanol vervolgens af als groene grondstof of als groene brandstof voor schepen en treinen.

BULGARIA



**BULGARIAN
DEVELOPMENT BANK**





National program for energy efficiency in multi-family buildings

Due to the absence of energy efficiency norms in the building codes of the time, most of the 500.000 buildings (3,35 Mio dwellings) in Bulgaria had little or no thermal insulation. The energy consumption was at least twice as high as those built to current standards. Many buildings were severely underheated typically about 13 - 16°C, well below the 20 - 21 C national standard. The buildings were also in very poor condition and structurally unsound due to chronic lack of maintenance of the building envelopes.

After pilot renovation programme until 2015 the Bulgarian Development Bank (BDB) implemented a national program for energy efficiency in multi-family buildings. Within 30 months more than 2.000 buildings were renovated in close cooperation with municipalities. The Program resulted in significant environmental, social and economic benefits:

- annual CO2 savings are more than 300.000t., less dust accumulation, lower noise levels;
- average decrease in utility bills of homeowners of 25%
- increased thermal comfort level by 3°–5° C during the winter months

Национална програма за енергийна ефективност в многофамилни сгради

Поради липсата на норми за енергийна ефективност в строителните разпоредби от онова време, повечето от 500 000 сгради (3,35 милиона жилища) в България имаха малка или никаква топлоизолация. Консумацията на енергия беше поне два пъти по-висока от тези, изградени

по настоящите стандарти. Много сгради са били силно недотоплени, обикновено с температура около 13 - 16°C, доста под националния стандарт от 20 - 21 C. Сградите също така бяха в много лошо състояние и конструктивно несигурни поради хроничната липса на поддръжка на обвивките на сградите.

След пилотна програма за обновяване до 2015 г., Българската банка за развитие (ББР) реализира национална програма за енергийна ефективност в многофамилни сгради. В рамките на 30 месеца над 2000 сгради бяха реновирани в тясно сътрудничество с общините. Програмата доведе до значителни екологични, социални и икономически ползи:

- годишните спестявания на CO2 са над 300 000 т., генерира се по-малко прах и по-ниски нива на шум
- средно намаление на сметките за комунални услуги на собствениците на жилища с около 25%
- повишено ниво на топлинен комфорт с 3° – 5° C през зимните месеци



CROATIA

HBOR
HRVATSKA BANKA
ZA OBNOVU I RAZVITAK





Reconstruction and energy renovation of the public lighting system of the City of Kastav 85% saving in electricity

The Project includes the installation of new, energy efficient eco-friendly lamps based on LED technology on existing lighting locations and on existing lamp holders. The overall implementation includes supplementing the public lighting system by building new public lighting poles and equipping them with lighting equipment (243 new lighting fixtures).

The Project also envisages the introduction of an intelligent control and regulation system for public lighting lamps, as a segment of the Smart City, which will enable additional energy savings.

After the project completion, saving in electricity consumption of up to 85.82% is expected compared to the current situation, as well as a significant reduction in the cost of regular maintenance (public lighting), CO2 emissions reduction and light pollution.

The City of Kastav will also protect its environment by removing mercury from the public lighting system.

Public lighting modernisation project in the City of Knin

Through the project of modernisation of public lighting in the City of Knin, altogether 1,990 new light fixtures of the latest LED technology have been installed, which will provide lighting on roads and public areas of the City of Knin.

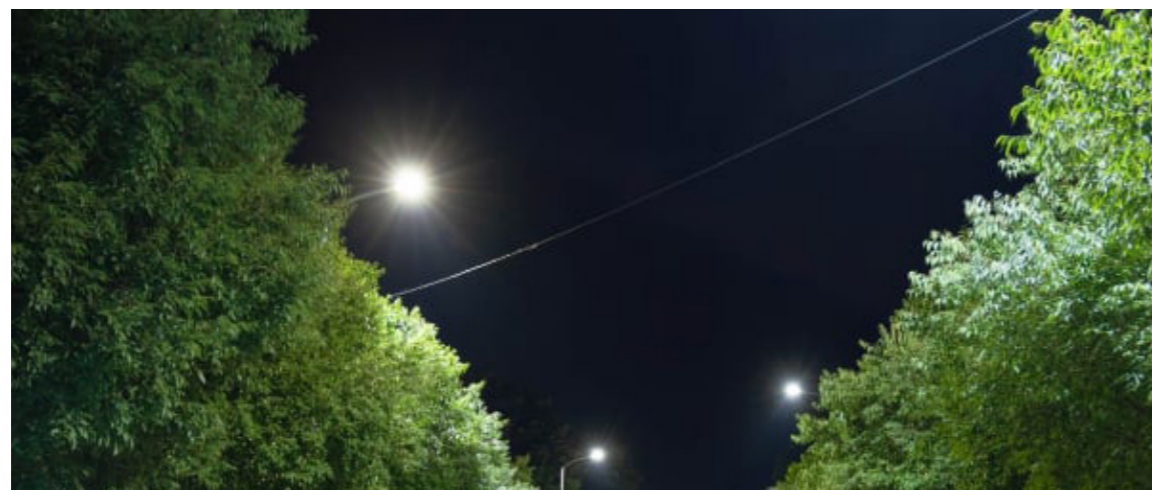
Altogether 1,990 lighting fittings have been replaced by the latest LED technology fittings. By replacing outdated and obsolete technology with a new and modern lighting system, the City intends to achieve significant savings in electricity consumption and limit light pollution.

After the completion of the project, it is expected to achieve savings in electricity consumption of 81.70% compared to the current situation and to significantly reduce maintenance costs of public lighting system.

More about projects supported under the "ESIF Loans for Public Lighting" programme:

Discover more here

https://www.hbor.hr/wp-content/uploads/2018/06/ESIF-Krediti-za-javnu-rasvjetu_12.8.2021.pdf





FRANCE

bpifrance
Vestiaire Collective



VESTIAIRE COLLECTIVE (€40m deal in equity in 2019, €59m in equity 2020): Bpifrance, via its Large Venture fund, has co-invested along with private investors in June 2019 and April 2020 in Vestiaire Collective. Vestiaire Collective is the leading online marketplace that allows its users to sell and buy second-hand luxury fashion pieces. It promotes sustainable fashion and consumption to its global community (9-million users): the 2019 and 2020 fundraisings aim to strengthen its international development and support its hiring policy as well as the development of data-driven technologies.



À la veille du 50ème anniversaire de la Journée de la Terre et en cette période d'incertitude sans précédent, Vestiaire Collective, la plateforme mondiale de mode d'occasion, annonce aujourd'hui la conclusion d'un tour de table de 59 millions d'euros. Trois nouveaux actionnaires se joignent aux investisseurs historiques : Korelya Capital, financé par le conglomérat technologique coréen Naver (KRX : 035420), fonds managé par Fidelity International, Vaultier7 spécialisé dans les fonds dirigés par des femmes, et Cuir Invest financé par l'Industrie Française du Cuir.

Vestiaire Collective

The website

www.vestiairecollective.com

Discover more here

<https://presse.bpifrance.fr/vestiaire-collective-annonce-une-leeve-de-fonds-de-40-millions-deuros-pour-apporter-des-solutions-innovantes-a-lecosysteme-de-la-mode-et-acceler-son-developpement-a-linternational/>

Discover more here

<https://presse.bpifrance.fr/vestiaire-collective-leve-59-millions-deuros-pour-aider-sa-communaute-a-transformer-lindustrie-de-la-mode-pour-un-avenir-meilleurnbsp/>

B2B: environmental impact

ZEI (€2m deal in equity in 2020): the Ecotechnologies department of Bpifrance has co-invested along with private investors in September 2020 in Zei. Established in 2016, Zei is a Greentech which supports companies in mapping, improving and monitoring their environmental impact. Zei has developed an algorithm which conceives for every company a tailored-made roadmap towards sustainability, taking into account issues and criteria depending on the sector, the size and its characteristics. Once the roadmap defined, companies gain access to a broad range of innovative solutions and alternatives in order to improve their score and are able to report on their progress.

Zei works with more than 2.500 companies and the fundraising will broaden its actions to target investment funds and enterprises networks as well as develop new partnerships to enhance its clients' disclosure.

Lancée en 2016, Zei permet aux entreprises d'accélérer leur impact sur l'environnement et la société en les aidant à évaluer leur impact, suivre leur démarche d'amélioration et valoriser leurs actions auprès de leurs clients et parties prenantes. Zei a développé un outil innovant qui définit pour chaque entreprise une feuille de route comportant ses enjeux et critères prioritaires en fonction de son secteur, sa taille et ses principales caractéristiques ainsi que de suivre la progression de chacun d'entre eux dans le temps. Une fois le diagnostic établi, les entreprises accèdent à un catalogue de plus de 800 innovations et alternatives pour progresser sur chacun de leurs enjeux. Elles peuvent ensuite partager leur profil pour communiquer leur progression, leurs objectifs et les échéances en toute transparence, voire apparaître dans les classements sectoriels pour faire de leur RSE un véritable levier de différenciation.

Our website

<https://zei-world.com/>

2020 fundraising press release (in French):

Discover more here

<https://presse.bpifrance.fr/zei-leve-2-millions-deuros-pour-accelerer-la-transparence-des-engagements-des-entreprises-en-faveur-de-la-transition-ecologique-et-sociale/>



BANQUE des
TERRITOIRES



Towards new mobilities

Located in the north of Corsica, Bastia, prefecture city of Haute-Corse, is the second largest city in Corsica and the main point of entry to the island. With its architectural heritage and its location, high up and overlooking the sea and the Old Port, the Citadel of Bastia, listed as a historical monument, is a major point of attraction for the local population as well as for tourists.

To take advantage of the maritime frontage of Bastia (Corsica's second city located to the North of the island) « Aldilonda » (literally " Above the waves ") was created to allow people to travel easily from the North to the South of the city.

It is a 450-meter-long pedestrian and cycle bridge that runs along the rocky base of the ancient citadel, five meters above the sea.

In Corsica, 70% of trips are less than 5 km and last less than 25 minutes by bike.

From now on, Bastia can therefore be traveled more easily without using a car. The city is reconnected with its maritime facade and promote new forms of soft mobility.

To finance and carry out this global mobility project in favor of energy and ecological transition, the Banque des Territoires has granted a loan of € 5 millions to the city of Bastia for a period of 40 years.our platform.

Vers une nouvelle mobilité

La Banque des Territoires a accordé un prêt de 5M€ sur une durée 40 ans à la ville de Bastia, pour le financement de l'Aldilonda, une passerelle piétonne et cyclable de 450 mètres de long qui longe le socle rocheux de l'ancienne citadelle de la ville de Bastia, en Corse. L'Aldilonda permet de reconnecter la ville avec sa façade maritime et elle promeut de nouvelles formes de mobilité douce.

L'Aldilonda, qui signifie littéralement « Au-dessus des flots », permet aux personnes de circuler facilement du Nord au Sud de la ville, sans l'utilisation de la voiture.

Selon une enquête menée par la Collectivité de Corse, 70 % des déplacements sont inférieurs à 5 km et durent moins de 25 minutes à vélo.

Ce projet illustre la capacité de la Banque des Territoires de la Caisse des Dépôts à articuler son action au plus proche des besoins locaux, tout en finançant des projets qui contribuent directement aux objectifs de développement durable.



Discover more here

<https://www.banquedesterritoires.fr/tout-roule-bastia-avec-le-tour-des-terr>

Sustainable Schools for Paris

CEB loan: €200 million

Partner institution: City of Paris

Project status: completed in 2021

Over the recent years, Paris has seen a significant decline in its school-age population after several years of steady increase. As a result, the City has decided to invest more in school renovation rather than in new constructions, and to develop a new vision for multipurpose buildings – adapting them to serve different populations and varying public needs.

Moreover, the City of Paris has committed to ambitious climate targets. These are to reduce energy consumption by 30% in 2020, by 40% in 2030 and by 60% in 2050, and to cut greenhouse gas emissions by 50% by 2030 and by 100% by 2050 – making the City carbon neutral. The City's 650 schools account for one third of the energy consumption of all public buildings in Paris – so energy-efficiency retrofitting is vital to meet these commitments.

In March 2016, the CEB approved a €200 million loan to the City of Paris to support its ambitious Social Investment Plan for the 2015-2020 period, with a focus on education and reception facilities for refugees and other vulnerable people. The investments have three broad goals: to bring the City's education infrastructure up to standard, create reception facilities for asylum seekers and other vulnerable people, and meet the City's climate targets.

Energy-Service-Company (ESCO)-type contracts have been used for this purpose, instead of traditional retrofitting, which has led to significant progress in achieving the City's climate



commitments. CEB financing has been instrumental in the renovation of 153 buildings on the basis of a 15-year operation period and with a global target of a 30% reduction in energy consumption.

Annually, the contract provides for an estimated reduction in consumption of 14GWh – translating to over €1 million/year in savings and a reduction in CO2 of over 3,000 tonnes/year. Some 60 more schools are to be added to the retrofitting programme as part of a separate ESCO package, based on a 40% reduction in energy consumption over a five-year period. What's more, the experience of the first 100 schools now in operation shows that the target of a 30% reduction in energy consumption is achievable: the real consumption was reduced by 38%.



GERMANY

KFW





Innovative roll-out

“As a manufacturing company, energy efficiency is very important to us in order to remain competitive,”

—Managing Director Dr Thomas Baumgärtner

The Swabian label specialist Herma was established in 1906 in Stuttgart and has since been a pioneer in the production of adhesive materials, self-adhesive products or state-of-the-art labelling machines. With currently over 1,000 employees it is not only the largest employer in Filderstadt in the German state of Baden-Württemberg, the medium-sized company is also a big consumer of energy: In 2018 alone, the company consumed around 16 million kilowatt hours of electricity and nearly 30 million kilowatt hours of gas.

When the management decided to build another plant at the site, improving energy efficiency was a key goal. All manufacturing processes were thoroughly reviewed for a period of two years. The result was an energy-saving concept with 50 individual measures. The concept assumes a savings potential of more than four million kilowatt hours of electricity and around nine million kilowatt hours of gas per year.

The entire project will cost around 100 million euros – the largest investment in the company’s history. Herma financed 20 million of this total with a promotional loan to increase energy efficiency. Due to this very ambitious target, Herma will be able to secure a redemption grant of more than 2.6 million euros, which will reduce the loan amount to be repaid. “KfW’s approval came after just eight working days after we applied for funding,” says Mario Zirn, responsible for the central finance department at Herma and member of the management board.”

Mit ihrem am 14. Juli 2021 vorgestellten “Fit for 55 Paket” gießt die EU den Grundsatz „Energieeffizienz an erster Stelle“ in Gesetzesform. Für die KfW gilt dieser Grundsatz schon lange. Dies zeigt sich unter anderem an der kontinuierlich hohen Umweltquote, die 2020 trotz der Corona-Sonderprogramme bei 33% lag (>50 % nach Bereinigung um Corona-Sondermaßnahmen). Die KfW unterstützt als Bank aus Verantwortung die nachhaltige Transformation von Wirtschaft und Gesellschaft dabei in Deutschland, in der EU und der Welt. Schauen Sie doch einmal vorbei!

Discover more here

[https://www.kfw.de/inlandsfoerderung/Unternehmen/Energie-Umwelt/F%C3%B6rderprodukte/F%C3%B6rderprodukte-\(S3\).html](https://www.kfw.de/inlandsfoerderung/Unternehmen/Energie-Umwelt/F%C3%B6rderprodukte/F%C3%B6rderprodukte-(S3).html)

Discover more here

<https://www.kfw.de/nachhaltigkeit/%C3%9Cber-die-KfW/Nachhaltigkeit/>

Discover more here

<https://www.kfw.de/stories/>

The City of Rhede Goes (Electro-)Mobile

Brief description

NRW.BANK's promotional funds support North Rhine-Westphalia's transformation towards a low-emission and climate-resilient economy. Promoting electro-mobility in the Federal state is an important milestone along this way. The city of Rhede on the Dutch border is showing the way forward and thus serves as a role model. The city's municipal utility (Stadtwerke) has created a complete charging infrastructure for electric cars, enabling forward-looking mobility. The project was financed under the "NRW.BANK.Elektromobilität" programme.

With a volume of € 500 million, NRW.BANK successfully placed its ninth Green Bond in 2020. Taken together the NRW.BANK.Green Bonds issued to date have a total volume of € 4.3 billion.

Since 2015, the Wuppertal Institute for Climate, Environment and Energy has calculated the environmental impact of NRW.BANK's Green Bonds on behalf of the Bank. The Green Bond 2020 saves 1.1 million tonnes of CO2 equivalents. This is roughly equal to the CO2 storage capacity of a managed forest the size of Berlin.

Although many people would like to buy an electric car, they are often held back by the lack of charging infrastructure. This is certainly not the case in Rhede, where the city's municipal utility has purchased 23 additional e-charging stations spread throughout the city, bringing the total number to 46.

Rhede now has a city-wide power supply for electric vehicles, so removing a major hurdle for its population to switch to electric mobility. The city is thus setting a good example

of how to accelerate the mobility turnaround.

The municipal utility company is showing the way forward in other areas, too. As a first step, its fleet of 24 vehicles includes six with an electric drive and another three with a hybrid drive. Under its ambitious climate management plans, the company will prioritise fully electric solutions for future vehicle purchases. Going forward with this, Stadtwerke Rhede thus places a focus on sustainable and resource-efficient mobility.

The NRW.BANK.Elektromobilität programme is refinanced via the NRW.BANK.Green Bond.



Dr Ronald Heinze, Managing Director of Stadtwerke Rhede, charging an electric vehicle of the municipal utility company.

Copyright: NRW.BANK/lokomotive

ITALY



Taranto as a pioneer of sustainable mobility

CDP supports the Municipality of Taranto with a technical-financial advisory service to introduce two BRT lines and 50 zero-emission buses. Working alongside the Municipality of Taranto is in line with CDP's role in supporting local authorities to promote the country's infrastructure sustainable development.

Taranto pioniera della mobilità sostenibile

Il progetto, del valore complessivo di 260 €Mln, ha l'obiettivo di ampliare i servizi di Trasporto Pubblico Locale (TPL) sulla rete urbana di Taranto con l'introduzione di 50 bus elettrici veloci (Bus Rapid Transit BRT) che, oltre a soddisfare requisiti di sicurezza, accessibilità e affidabilità, permetteranno di limitare il consumo del suolo nonché di minimizzare l'inquinamento acustico, delle vibrazioni e delle emissioni in atmosfera.

Con questo progetto CDP fornirà al Comune di Taranto attività di consulenza per supportare dal punto di vista tecnico-finanziario il rafforzamento della rete di trasporto pubblico locale con la realizzazione di due nuove linee di bus elettrici veloci.

La prima linea BRT collegherà Talsano con il quartiere Tamburi (la "Linea Blu") e sarà di circa 39 chilometri. La seconda linea BRT collegherà invece il quartiere Paolo VI con il parco Cimino (la "Linea Rossa") e avrà un'estensione di circa 44 chilometri. Su entrambe le linee, il Comune ha effettuato uno studio di prefattibilità tecnico economica che si configura come documento di indirizzo alla progettazione.

I Bus Rapid Transit (BRT) sono mezzi flessibili, ecologici e con



un costo di realizzazione contenuto. Introdotti per la prima volta in Inghilterra, ancora all'inizio degli anni Settanta, si sono diffusi velocemente in Nord America, nelle megalopoli asiatiche, fino ad approdare in Europa, con il duplice obiettivo di fornire un servizio di TPL su lunghe distanze e, al tempo stesso, contenere l'emissione di CO2. Questo grazie alla riduzione del traffico privato e all'introduzione di mezzi a trazione green (idrogeno oppure elettrici). Gli autobus a transito rapido, infatti, utilizzano corsie preferenziali e hanno una portata di passeggeri molto superiore a quella dei mezzi convenzionali.

La realizzazione di questa importante infrastruttura rientra nel più ampio "Piano Urbano della Mobilità Sostenibile", a sua volta emanazione diretta del progetto Taranto Smart City, che punta alla trasformazione della città in chiave intelligente nell'ambito della sanità, dell'eGovernment, del turismo, dell'ambiente, della giustizia e della formazione.

L'intervento a fianco del Comune di Taranto è in linea con il ruolo di Cassa Depositi e Prestiti a sostegno degli Enti Locali, per promuovere lo sviluppo infrastrutturale del Paese, con nuove iniziative connotate da forte impatto ecosostenibile e finalizzate alla valorizzazione dei territori.

Discover more here

<https://www.youtube.com/watch?v=8REIx87GmGE>



Cascina Fossata: much more than social housing

CDP, through the FIA Fund, has invested 18 million euro in social housing in Turin, by converting an old country estate. Cascina Fossata is a multipurpose complex that combines landscaped areas with homes and shops. The project has created a new form of community-based, "communal" living.

Cascina Fossata: molto più del social housing

CDP, attraverso il Fondo FIA, ha investito 18 milioni di euro nel social housing a Torino, riconvertendo un'antica cascina. Per caratteristiche, attitudine e peculiarità del contesto originario, il progetto Cascina Fossata rappresenta molto più di un recupero funzionale ed edilizio in una location periferica della città. L'intervento presenta una forte connotazione sociale nel senso più esteso, propositivo ed efficace del termine.

Partendo dalla volontà di recuperare e restituire alla città un luogo abbandonato dalle grandi potenzialità con un intervento attento all'ambiente e alla sostenibilità che ha ottenuto la certificazione energetica A4, il progetto Cascina Fossata ha come primaria finalità quella di favorire nuove interazioni sociali tra soggetti diversi con esigenze specifiche. Soggetti che possono trovare nell'offerta complessiva dei servizi di Cascina alcune risposte alle loro necessità.

L'area, che sorge tra i quartieri Borgo Vittoria e Madonna di Campagna, ospita una Residenza Collettiva Temporanea di 104 appartamenti completamente arredati, un albergo con 55 camere doppie, attività commerciali sostenibili e spazi dedicati ad attività artigianali e un nuovo parco pubblico.

Cascina Fossata rappresenta dunque un esempio di evoluzione del social housing: grazie alla grande offerta di spazi e servizi offerti, il progetto permette di realizzare un tessuto



urbano basato su una nuova modalità di “abitare insieme” e “stare insieme”, in un’ottica di condivisione. Con questo intervento, Il Gruppo CDP, conferma il lavoro costante per la crescita del territorio e l’impegno per la promozione di iniziative basate su modelli innovativi e sostenibili. ruolo di Cassa Depositi e Prestiti a sostegno degli Enti Locali, per promuovere lo sviluppo infrastrutturale del Paese, con nuove iniziative connotate da forte impatto ecosostenibile e finalizzate alla valorizzazione dei territori.

Discover more here

https://www.youtube.com/watch?v=nYnboMGXz_s

NETHERLANDS

Market study and advice to unleash the true potential of bioplastic PHA

In 2016, the water boards produced the bioplastic PHA in the 'Paques' pilot project, using bacteria that purify wastewater on a large scale. Although it is a material that has been in development for 30 years, so far no one has managed a successful large-scale market entry.

Invest-NL created in-depth insight into the value chain, showing Paques where the real potential of PHA lies. The knowledge gained from this project is used for similar projects. This is how we make the Netherlands more sustainable and innovative.

Marktstudie en advies om het ware potentieel van bioplastic PHA te ontsluiten

In 2016 produceerden de waterschappen het bioplastic PHA in het proefproject 'Paques', met behulp van bacteriën die afvalwater op grote schaal zuiveren. Hoewel het een materiaal is dat al 30 jaar in ontwikkeling is, is tot nu toe niemand erin geslaagd een succesvolle grootschalige markttoegang te realiseren.

Invest-NL creëerde diepgaand inzicht in de waardeketen en liet Paques zien waar het echte potentieel van PHA ligt. De kennis die uit dit project is opgedaan, wordt gebruikt voor vergelijkbare projecten. Zo maken we Nederland duurzamer en innovatiever.

Discover more here

<https://en.paques.nl/news/news/paques-hvc-and-water-boards-continue-developing-bioplastics-with-demo-installation-pha2use/2>



SCW Systems

The innovative Dutch company SCW Systems is developing two technologies that will contribute to the energy transition and a circular economy. In the past ten years, SCW has developed an innovative supercritical water gasification technology. This uses high temperature and high pressure to convert organic waste into green hydrogen and green gas – a sustainable alternative to natural gas.

In parallel, SCW is developing its 'CO2 CLEANUP' process, which permanently fixes CO2 and converts it into useful materials, such as sustainable cement. The CO2Cleanup process extracts CO2 from the atmosphere and then converts this into useful solid powders that can serve as raw materials for existing industry. The purpose of this process is to convert CO2 in such a way that it can no longer return to the atmosphere.

SCW Systems

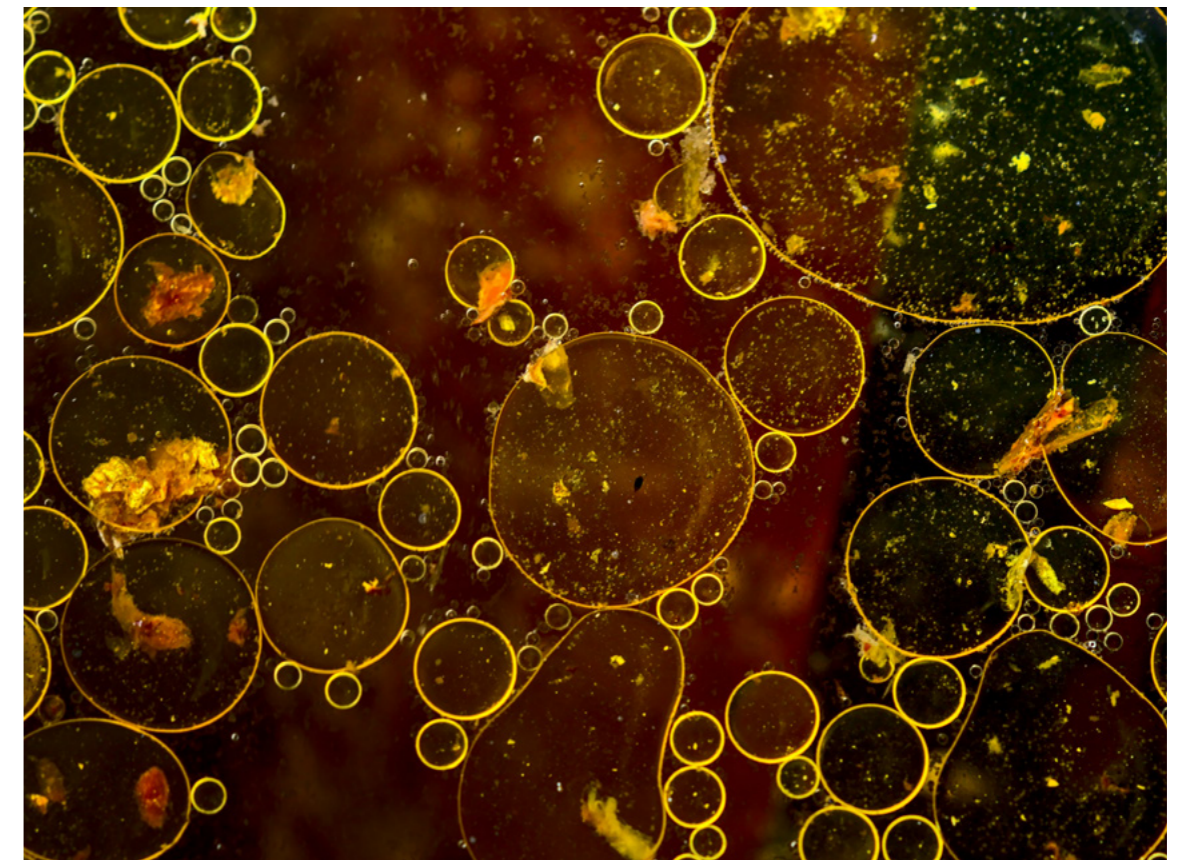
De innovatieve Nederlandse onderneming SCW Systems ontwikkelt een tweetal technologieën die bijdragen aan de energietransitie en een circulaire economie. SCW heeft het afgelopen decennium een innovatieve 'Supercritisch Water Vergassing' technologie ontwikkeld. Hierbij worden organische reststromen onder hoge temperatuur en grote druk omgezet in groene waterstof en groen gas – een duurzaam alternatief voor aardgas.

Parrallel hieraan ontwikkelt SCW haar 'CO2 CLEANUP' proces. Hierbij wordt CO2 permanent vastgelegd en omgezet in nuttige grondstoffen, bijvoorbeeld voor duurzaam cement.

Het CO2Cleanup-proces haalt CO2 uit de atmosfeer en zet dit vervolgens om in bruikbare vaste poeders die kunnen dienen als grondstof voor de bestaande industrie. Het doel van dit proces is om CO2 zodanig om te zetten dat het niet meer terug kan keren naar de atmosfeer.

Discover more here

<https://www.invest-nl.nl/actueel/invest-nl-investeert-in-scw-systems-voor-verdere-opscaling?lang=en>



POLAND



Social Services Center of Ustka

The main goal of the project was creating a Social Services Center of Ustka (Usteckie Centrum Usług Społecznych). To achieve this goal reconstruction and extension of the warehouse building was completed in 2020. The revitalized center has a usable area of 700 m² which will host: specialist and individual clinics, trainings, workshops, social and professional reintegration services at the Social Integration Center, support for groups for caregivers of disabled people and a senior club. During this project also a legal status of the building was changed to a public utility building. The investment was co-financed using 3,3 million PLN revitalization loan.

Dzięki pożyczce rewitalizacyjnej na Pomorzu Gmina Miasto Ustka stworzyła możliwości spędzania wolnego czasu dla seniorów, osób chorych i niepełnosprawnych.

Pod koniec 2020 r. zakończono przebudowę i rozbudowę istniejącego budynku magazynowego oraz zmianę sposobu użytkowania na budynek użyteczności publicznej, w którym mieści się obecnie Usteckie Centrum Usług Społecznych. Inwestycja była współfinansowana pożyczką rewitalizacyjną w kwocie 3,3 mln zł. Prace rewitalizacyjne pozwoliły na uzyskanie powierzchni użytkowej na poziomie 700 m², na której przewidziane są poradnie specjalistyczne i indywidualne, szkolenia, warsztaty, reintegracja społeczno-zawodowa w Centrum Integracji Społecznej, grupy wsparcia dla opiekunów osób niepełnosprawnych oraz klub seniora.



SPAIN





Instituto de Crédito Oficial



Kincardine: First floating offshore wind farm

There is a strong European focus in the project, as it includes Cobra-ACS as main contractor, Vestas as turbine provider, and Bourbon Subsea Services and Windar as turbine installers. The estimated cost amounts to £380m and ICO provided a £60 million green loan under LMA (Loan Market Association) Green Bond principles, along with BBVA and other commercial banks.

Kincardine project contribution to the principles of sustainability is highly relevant, not only as a renewable and low carbon emission energy generation project, but also as of its floating platforms cutting-edge technology, less harmful to the marine environment that also allows operating in greater depths. Offshore wind production is fully recognised by the European Green Deal strategy as of its contribution to an efficient and competitive economy

Kincardine: Primer parque eólico marino flotante

El proyecto está situado en Aberdeen, Escocia, y representa el primer parque eólico marino flotante del mundo, diseñado, suministrado, construido y puesto en marcha por Cobra, filial del Grupo ACS. Tiene una capacidad nominal de 50 MW proporcionada por 6 turbinas y tendrá una vida útil de 25 años. Se espera que Kincardine genere hasta 218 GWh anuales de electricidad limpia, lo que permitirá abastecer a unos 55.000 hogares escoceses

El proyecto tiene un fuerte enfoque europeo, ya que incluye

a Cobra-ACS como contratista principal, a Vestas como proveedor de turbinas y a Bourbon Subsea Services y Windar como instaladores de las turbinas. El coste estimado ascendió a 380 millones de libras y el ICO concedió un préstamo verde de 60 millones de libras bajo los Principios de Bonos Verdes de la LMA (Loan Market Association), junto a BBVA y otras entidades bancarias.

La contribución del proyecto Kincardine a los principios de sostenibilidad es muy relevante, no sólo por tratarse de un proyecto de generación de energía renovable y bajo en emisiones de carbono, sino también por su tecnología de vanguardia de plataformas flotantes, menos dañina para el medio ambiente marino y que permite a su vez operar en zonas de mayor profundidad. La producción eólica marina está plenamente reconocida por la estrategia del Pacto Verde Europeo, por su contribución a una economía más eficiente y competitiva.





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RENTAL