



## Creos

### *Deployment of 800 public charging stations*



The 5 system operators of Luxembourg's electricity network will, by 2020, install 800 public charging stations for electric cars and plug-in hybrids. This deployment as well as the implementation of an open platform to add additional stations will offer new opportunities and will be the catalyst for electric mobility in Luxembourg. Thanks also to other charging stations incorporated into the same platform, electric driving will be access-ible to all in Luxembourg. In Luxembourg, the energy consumption is 100% sourced from renewable sources. Thus, electric mobility represents an opportunity for a post-carbon transition.

## ÉnergiPark Réiden

### *Climhouse, solar houses free of energy charges*



ÉnergiePark built 3 passive terraced houses equipped with electricity production and storage systems as well as an intelligent energy management system. 75 % of the needs in heat and electric power are covered by the solar energy produced and auto-consumed on-site. Significant innovation: Following the purchase of the house, no more energy bills will be sent! They are replaced by a free service of "energy as a service" optimizing the solar cover and the comfort. The solidarity between inhabitants is omnipresent through the sharing of the technical equipment and the solar production allowing ÉnergiePark to value this energy to the most!

## Goblet Lavandier & Associates

### *New office building*

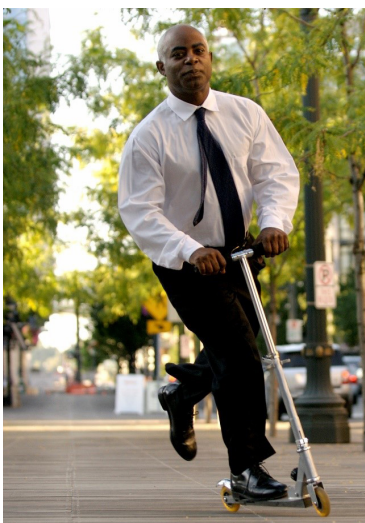
For the AAA energy standard and DGNB platinum certified building, Nearly Zero Energy Building, the reduction of energy consumption is a priority. Particular importance is granted to the workplace's quality and the reduction of its energy consumption. The envelope of the building optimizes airtightness, heat, insulation, sun protection, natural lighting and nocturnal free cooling. The building is equipped with a controlled hygienic ventilation and is fed in warmth and coolness by reversible hot air pumps. Photovoltaic roof panels cover a large part of the needs in electricity of the building's technical installations and of the electric charging stations on the parking.





### ALD Automotive

*Micro Mobility - Short distance mobility service*

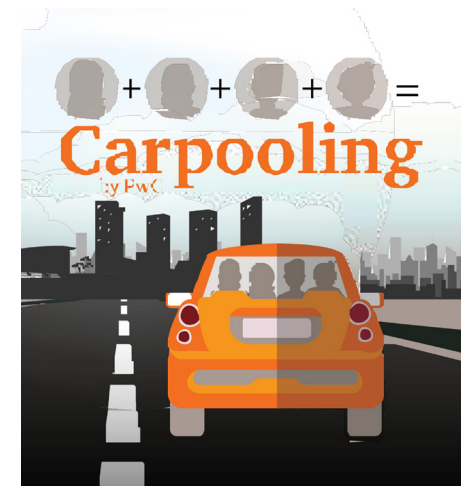


The idea is simple: solving the problem of short distance mobility by offering an alternative to the car. 2 solutions are offered: "Company Bike", the leasing of electric bikes or scooters and "Pool Bike", bikes shared in leasing with storage space and charging points. Profits are triple: A reduction of the ecological footprint, a cost reduction for the company, more active and delighted users! The future mobility will be multimodal, active and based on use rather than ownership!

### PwC

*Carpooling application for employees*

The carpooling solution "Carpooling by PwC" is put at the disposal of the company's employees via a smartphone application. This one allows to find carpooling partners by the means of an interactive map and to reserve a parking space offered to carpooling users. This mobility solution represents an advantage for employees, such as economic earnings and conviviality, while limiting the impact on the environment. Since the beginning of 2017, 11.228 people took part in this initiative!



### Société Générale Bank and Trust

*Telework - More flexibility for the employees*

In 2016, following an experimental phase, SGBT is the first bank of the financial place to obtain the approval of the CSSF for its teleworking project. An open mechanism which addresses social, strategic and environmental objectives set by the bank. Telework targets collaborators whose activities are eligible, representing 2/3 of profiles. The teleworkers benefit from a training upstream and are equipped with connected and secure tools necessary for their work. To date, about 150 collaborators work from home with a positive return. The ambition of SGBT is to get more than 300 collaborators on board before 2018.



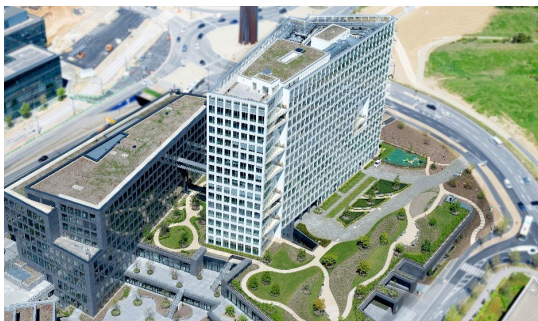
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### BGL BNP Paribas

*A building to protect natural resources*



The new complex holds an energy passport of class BCB and aims at a triple environmental certification. The building is endowed with multiple environmental approaches such as a facade with triple glazing, a small solar power production (photovoltaic and thermal), a rational use of water, equipped with 1500 energy meters as well as revegetated roof and plot of land on approximately 55% of its surface. The building also contains a nursery, a fitness room and a parking equipped with 70 electric charging stations. The objective: 40% reduction in energy consumption compared to a reference building.

### Coeba, Dave Lefèvre and Associates

*Natural Materials' return*

The construction of the Transition House in Angelsberg, the company used biodegradable, reusable, and recyclable natural materials: clay, straw for the insulation or the wood for the prefabricated facade. This positive energy house favors the least energy-consuming dismantling possible to recuperate materials at the building's end of life. Thanks to the use of materials endowed with a carbon storage capacity, it reduces its carbon footprint.



### Schroeder & Associates

*High quality of life offices in an intelligent building*

The new high-performance energy building ("Nearly Zero Energy Building") is conceived in a flexible manner and respects the principles of circular economy. The BIM technologies are used from its conception through to the construction and exploitation. The materials passport, integrated into the BIM

model, will allow to program the dismantling and the re-use of elements and materials at their end of life. The internal development of offices is conceived so as to highlight the well-being of employees, with working spaces offering both intimacy and conviviality. Shared mobility services can be planned through digital applications.





## Eurest - Compass Group

### Foodwaste fight



The Trim Trax process measures the overproduction and the amount of unsold dishes in the company's restaurants. It allows to optimally adjust the production by adapting the offer according to the fluctuations in attendance and the grammage served thanks to the study of "plates scraps". Daily, Trim Trax becomes a reality through the training of the staff in the reduction of waste, the improvement of the planning of the quantities produced and the awareness raising of guests (for example by recommending the adaptation of the quantities served according to their appetite). In three years, the company reduced food waste by 26%, from 344kg per day in 2014 to 256kg per day in 2017 (for 16.000 meals served per day).

## OUNI

### Zero packaging

OUNI ("without" in Luxembourgish) is also an acronym for "Organic Unpackaged Natural Ingredients". The cooperative grocery shop OUNI proposes unpackaged organic products, encouraging an environmentally-friendly and sustainable way of life and consumption. Besides local food products, one can find ecological maintenance and hygiene products, all unpacked or deposited. More than a simple selling point, it is a real community: OUNI organizes regular workshops to learn how to reduce waste, to make one's own products, etc. as well as awareness campaign with schools and citizens.



## Sodexo

### Digital information about the content of your plate

The data digitalization on the platform e-menu allows the consultation of the list of 14 allergens possibly present in recipes. To offer guests meals without risk and with full transparency, 55.000 recipes cards and 8.500 products are encoded in e-menu. The guest's choice is also guided by logos such as "vegetarian", "vegan", "bio", "local product" as well as information about nutritional values. About 10.000 consumers already benefit daily from this application.

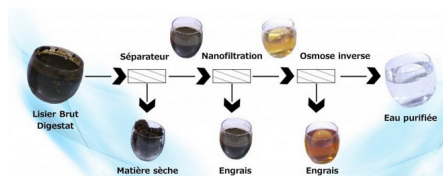






## AMA Mundu Technologies

*When agricultural effluents are transformed into pure water and recoverable material*



Fostering a more sustainable agriculture and biogas production, AMA Mundu Technologies offers breeders and producers of methane an innovative solution which allows to extract water and fertilizer from liquid manure and digestat production (muds of methanation).

The Luxembourgish start-up also offers turnkey solutions for the recycling of waste water to people working in the tourism sector, real estate agents, manufacturers and communities. All the equipment is developed, conceived and built by AMA Mundu Technologies (made in Luxembourg and Europe), using sustainable materials and the maximizing recycling procedure and low energy processes.

## Creos

*When circular economy hits electricity meters*

Within the framework of the introduction of Smart Metering in Luxembourg, Creos has since July 2016 replaced its former electricity and gas meters by new intelligent meters. This deployment will come to term end 2019 with more than 95% of meters replaced. In partnership with the "Forum pour l'Emploi", Creos launched into the circular economy by dismantling their former meters. Approximately 300 tons of recyclable materials can be re-used (copper, aluminum, iron), a total of 2kg by meter! Thanks to the added value generated by the sorting and the recycling of raw materials, 8 people can be employed during the operation process.



## Tarkett

*Collection, recycling and sustainable resource management*

One of the world leaders in floor coverings solution, Tarkett deployed "ReStart", an ambitious program of collection and recycling. The Clervaux factory also has the most important Tarkett recycling center in Europe. Clervaux also supplies other abroad Tarkett factories in sublayers of floor coverings made with recycled material. The sustainable development actions launched in Clervaux foster the achievement of excellent environmental results thanks to the responsible use of natural resources, reduction in the energy consumption and in greenhouse gases emissions.





## Innpact

### *The Social Contract*



"Hand in hand for a better, greener and more sustainable world"

The Social Contract is a way for Innpact and its employees to have a meaningful bond with society by contributing part of Innpact's resources to support initiatives and projects that have a high potential of promoting social and /or environmental benefits. The practice is steered by the Social Contract committee that is

composed of dedicated Innpact staff members who are actively choosing appropriate projects and allocating the Social Contract budget by means of donations and small-scale loans via direct micro-loans or micro-credit crowdfunding platforms. The Social Contract supported 17 projects from all around the world in 2015 and 2016 for a total amount of EUR 53,979.24.

## Luxembourg Stock Exchange

### *The world's leading green exchange*

In September 2016, Luxembourg Stock Exchange launched the Luxembourg Green Exchange as part of its strategy to support the development of local and international sustainable finance markets and to act as a role model for other stock exchanges. It is the world's first and only platform that displays listed bonds raising financing dedicated exclusively to green, social and sustainable projects. With a growth of 63% since its launch, LuxSE generates peer pressure and inspiration for bonds issuers around the world. Today, almost 50% of the world's green bonds are listed in Luxembourg, representing 63,7bnEUR.



## Microlux

### *First microfinance institution in Luxembourg*



"Funding of material and stock for the launch of Diamant Africain salon"

Microlux proposes microcredits and tailored support for the creation or development of micro-companies or social enterprises in Luxembourg. Microlux allies financial support with training, coaching and mentorship. Working side-by-side with, amongst others, ADA (Appui au Développement Autonome), ADIE (Association pour le droit à l'initiative économique), FEI (Fond Européen d'Investissement), the major shareholder BGL BNP Paribas helps provide know-how and volunteers in order to guarantee the success of the institution. To date, no less than 25 microcredits were disbursed!