

Part of our ambition to lower our scope 1  
and 2 Greenhouse Gas Emissions by 2050  
to reach Carbon Net Zero by 2050

# Powered by renewable energy

# Roadmap on renewables

## Energy efficiency

- Improve energy efficiency in our processes and machines

### Key levers

### Typical impact\*

Lever 1: Motor replacement

5% energy savings

Lever 2: Heat recuperation

14% energy savings

Lever 3: Process rerouting

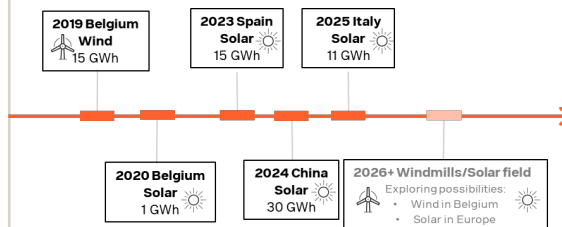
50% energy savings

Lever 4: Optimized torsion on cabling and bunching machines

14-22% energy savings

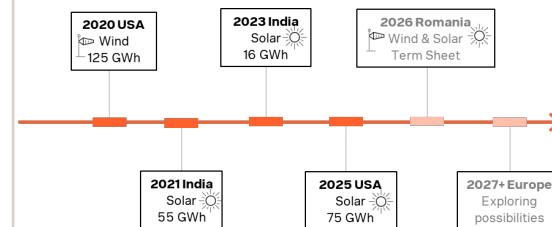
## Onsite renewables

- Wind & solar roadmap:  
Towards 100 GWh



## Renewable energy sourcing

- Power Purchase Agreements (PPAs) roadmap



## Solar panels in Burgos plant (Spain)



- over 14 GWh of electricity per year
- more than 15% of the electricity we need at our factory in Spain
- reduces our dependence on the grid



- On Bekaert installs a solar park at its plant in Burgos, Spain, to achieve its goal of Carbon Net Zero by 2050. The installation will **generate over 14 GWh of electricity annually**, equivalent to the yearly consumption of 4,000 households.
- Michael H., VP of Commodities Procurement, said that the project would produce more than 15% of the factory's **electricity needs**, reducing dependence on the grid and managing costs during energy price inflation.
- Menapy developed, finance, and operate the installation, with electricity production slated to begin in the spring of 2023.