


# COMFORT AND PROTECTION FOR A BETTER LIFE

SUSTAINABILITY AT NMC

nmc



*” Plan for the future  
because that’s  
where you are going  
to spend the  
rest of your life.“*

Mark Twain

# SUSTAINABILITY AT NMC

## JUST WHAT DO WE MEAN BY „SUSTAINABILITY“ ?

Economic, socially responsible and environmentally conscious behavior go hand in hand here at NMC. These are the three principles that form what is called the „three-pillar model“ of sustainable development. As a family business, we want to ensure that we can handle whatever the future throws at us, and we are relying on tried and tested values and forward-looking thinking in order to maintain our strong economic position on the road ahead.

We are equally mindful of our social responsibility vis-à-vis our customers, our staff and our shareholders. With future generations uppermost in our thoughts, our focus is very much on the needs and wishes of all our stakeholders. We are helping towards securing sustainable mitigation of climate change and environmental protection at several levels simultaneously. Our record shows that we have consistently striven to improve our products: as long ago as 1988, we first switched to CFC-free production and then shifted our processes away from HCFCs. This made us pioneers in our industry.



# NMC'S COMMITMENT TO CLIMATE PROTECTION







NMC sees climate change mitigation as an ever-evolving process. That is why we are constantly working to further optimise our products and manufacturing processes.

Our ambition is to achieve the maximum improvements in energy efficiency and to drive down CO<sub>2</sub> emissions to the bare minimum.





## CLEAN ENERGY

100% of our electricity consumption is supplied with renewable sources. In addition, NMC Belgium is equipped with its own photovoltaic system covering 21% of the site's electricity requirements.



## IN HOUSE RECYCLING

Thanks to our clever solutions, almost 100% of our production waste is reused in a closed cycle.



## CARBON FOOTPRINT

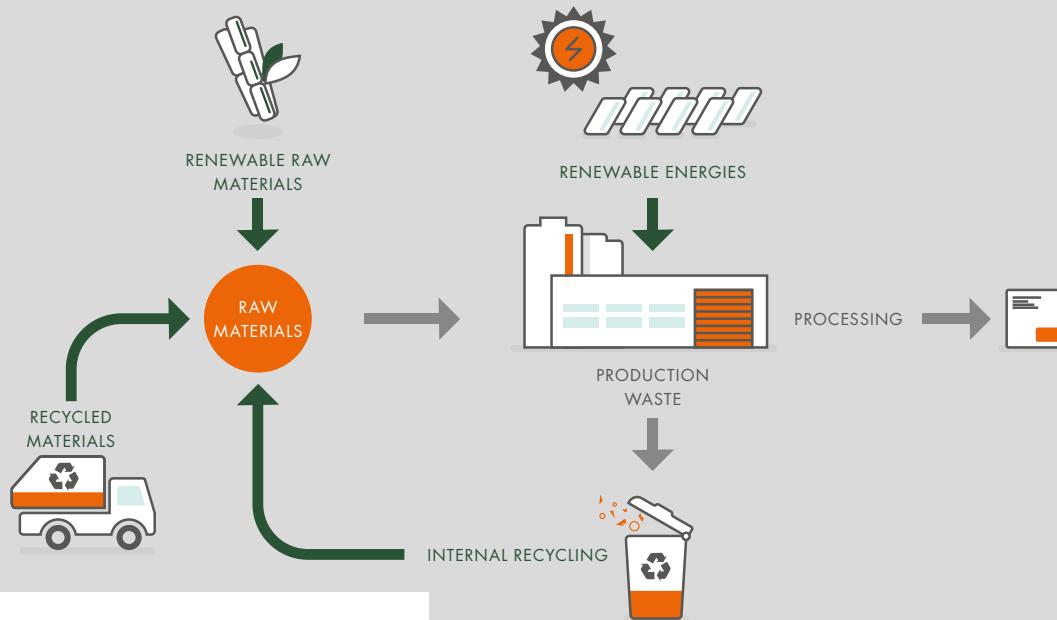
Our insulation quality PE-brands have been improved by the use of renewable materials. The patented formulation of NMC Naturefoam® includes sugarcane plant-based polymers, a 100% renewable raw material source, which helps absorb CO<sub>2</sub> from the atmosphere and reduce carbon emissions.

In addition, we were able to reduce our CO<sub>2</sub> emissions per unit produced at our Belgian site by 25%.



## ISO 14001

The group is certified ISO 14001 – the international standard for environmental management.



## PROCESSING CYCLE

We are continuously optimizing emissions, resources and energy consumption, recycling and reusing any kind of waste generated during our production processes. We master the appropriate technology processes to minimise production waste and recycle it in our production chain.

Our products' varied range of applications can be customized by means of additional processing. Countless techniques and options are available for further improvement of our products during or following the production process. On customer request, renewable raw materials can also be used for packaging and industrial products.

# NMC SUPPORTS THE OPERATION CLEAN SWEEP®

Every year, 30 billion tons of pellets, flakes and powder are dumped into the oceans. NMC joins the Operation Clean Sweep® ([www.opcleansweep.org](http://www.opcleansweep.org)) to reduce this pollution.

## A SUSTAINABLE ACTION PLAN

Each operational site has already been given the priority of „zero granulate loss“. We have reviewed the current situation and identified measures to improve it. This goes from improved pellet management in our plants to advanced measures to prevent the loss of pellets to the environment.

We are now planning to implement these improvements in our production facilities. The collaboration of all NMC employees and business partners is key to the success of this program.





## EMPLOYEE ENGAGEMENT PROGRAMMES

A Green team has been set up in 2018, in Belgium with the objective to engage the employees towards Sustainability practices. They form a team of environmental and social responsible employees, launching projects and initiatives to support NMC's global effort towards the Sustainable development goals.



## THE NEXT STEP: DEVELOP CIRCULAR SOLUTIONS

Today, „recycling“ means the collection and reprocessing of used products into other, usually less-demanding products. Currently, foam products are partially recollected and transformed into recycled products. While this adds valuable additional lifecycles after the first product life, it is achieved by downcycling the materials.

NMC is looking into ways to turn recycled foam products back into entirely new foam products. This new level of circular economy allows the opportunity for an endless repeat of the recycling circle... This technical breakthrough now also requires us to step up our efforts in efficient waste collection in partnership with our ecosystem.



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