

OUR ENERGY OBJECTIVE

OUR MISSION

By focusing on isocyanates production, BorsodChem Zrt. intends to become Europe's leading chemical company with the efficient utilisation of available energy resources by ensuring energy needed for its operations with renewable energy in a continuously increasing proportion.

OUR PHYLOSOPHY

The continuous increase of our energy consumption efficiency guarantees the responsible management with natural resources ensuring a sustainable development.

OUR ENERGY OBJECTIVES

We defined our energy objectives to be achieved between the period of 2022-2024 as follows:

1. Operate and develop the Energy Management System efficiently according to regulations of the ISO 50001 Standard.
2. Develop the methodology of energy review, establish measurements, apply the "Industry 4.0" tools in order for us to see our energy consumption as detailed as possible and be able to take actions to improve our energy efficiency.
3. Increase energy efficiency and reduce CO₂ emission by optimising our technological processes, replacing energy resources as well as developing and renewing our equipment.
4. Inspect the possibility of energy saving solutions in terms of all our activities with a key emphasis on the replacement of light fittings, air-conditioning units and rotary machines.
5. Reduce electricity, steam and natural gas consumption by introducing more efficient technological solutions.
6. Reduce energies used for cooling and heating by efficiently increasing the extraction of heat generated during technological processes – achieving a wider range of utilisation – in the extent of 30,000 GJ and 1,500 t CO₂ emission reduction.
7. Support our preventive maintenance processes by introducing and developing the lifetime estimate philosophy and also by the results of RCA analyses, thus a more optimal energy utilisation can be achieved throughout our operations.
8. Reduce energy consumption per unit of product by eliminating energy losses.
9. Disclose and reduce the energy loss of our production equipment, pipelines, processes and service facilities.
10. Develop our employees' sustainability aspect by means of training and the operation of an incentive scheme.
11. Apply renewable energy resources in order to reduce the ratio of fossil energy resources. Increase our renewable energy resources with a capacity of 5 MW. Increase the renewable proportion of our energy consumption up to a minimum of 40 % by 2030.
12. Select equipment in our procurements with the possibly lowest energy consumption.

To achieve our goals, we will execute EnMS programs in line with the business plan. We aim at achieving at least 150,000 MWh of energy savings by implementing our programs. We wish to achieve at least 3 % energy efficiency improvement at Company level by virtue of our continuous developments and optimised processes. By fulfilling these objectives, we desire to take another step towards sustainability!



László Kruppa
Chief Executive Officer



Csaba Kohajda
Chief Operation Officer