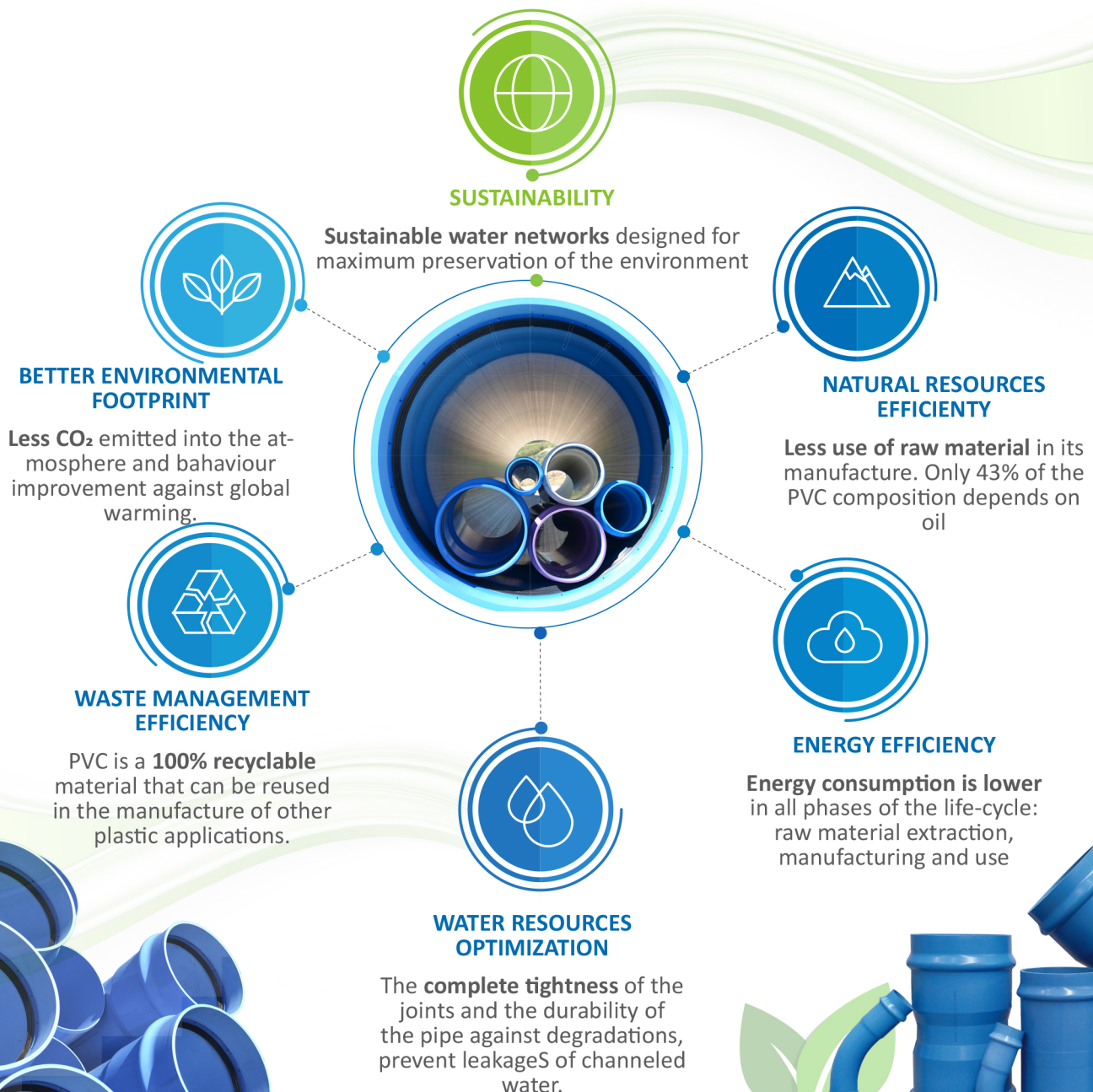


# Sustainable water networks

A pipe system's environmental impact depends on its composition and application. Factors that determine efficiency during the entire life cycle of a pipe are mainly: the type of raw material used, the production process, the product finishing and its service life.

PVC-O pipes are shown to be the most eco-friendly solution due to their improved contribution to

global sustainable development, as shown by different studies worldwide, among which it is worth highlighting: Energy consumption and CO<sub>2</sub> emission estimates associated with the production, use and disposal of PVC, HDPE, PP, Cast-iron and Concrete pipes (Polytechnic University of Catalonia) and the PVC-O Environmental Product Declaration TEPPFA (The European Plastics Pipes and Fittings Association).



# Moving PVC-O towards circular economy

**Oriented PVC (PVC-O) pipes** are the greenest solution available on the market, given their lower energy consumption throughout their long life cycle, the lower greenhouse gases emitted into the atmosphere. Therefore, they have a lower Carbon Footprint than alternative materials, and thus a lower impact on climate change.

Additionally, it has also shown that the environmental impact they exhibit, not only in global warming, but on

other environmental impacts such as the destruction of the ozone layer, is also inferior to other materials. For **Molecor**, preserving the environment is an extremely important issue, which is why it has received the Environmental Footprint seal from the Sustainable Life Foundation, calculating the environmental footprint of its TOM® pipes in accordance with the new Recommendation 179/2013CE proposed by the European Commission for the calculation of environmental footprints.

