

As Croatia strides towards a greener future, it faces an intricate blend of energy opportunities and challenges. The nation's reliance on imported energy and the quest for sustainability underscore a significant need for innovative energy solutions. This article examines ATESS's pivotal role in transforming Croatia's industrial sector through advanced energy storage solutions, highlighting key projects across various factories and aligning them with Croatia's energy transition strategies.

Croatia's energy landscape is marked by a heavy reliance on imports, with approximately 52.9% of its total energy consumption in 2021 being imported. The country meets its electricity needs largely through hydro and thermal power plants, complemented by a modest contribution from renewable sources, including solar and wind energy. In 2022, renewable energy sources accounted for 63.7% of electricity production, yet the country remained dependent on imports to meet its total energy consumption.

Despite its significant hydropower capacity and growing renewable energy sector, Croatia's energy security is vulnerable, particularly due to its dependence on fossil fuels and imported energy. The country's National Energy and Climate Plan aims for a 36.4% share of renewable energy by 2030 and a substantial reduction in emissions, reflecting its commitment to energy transition and sustainability.

ATESS has made substantial strides in supporting Croatia's industrial sector with cutting-edge energy storage solutions. By implementing energy storage systems across four diverse factories, ATESS is addressing key challenges and aligning with Croatia's energy transition goals. Here's a look at the projects:



# Energy storage industry croatia

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