



ENZYMES | ENERGY | EFFICIENCY

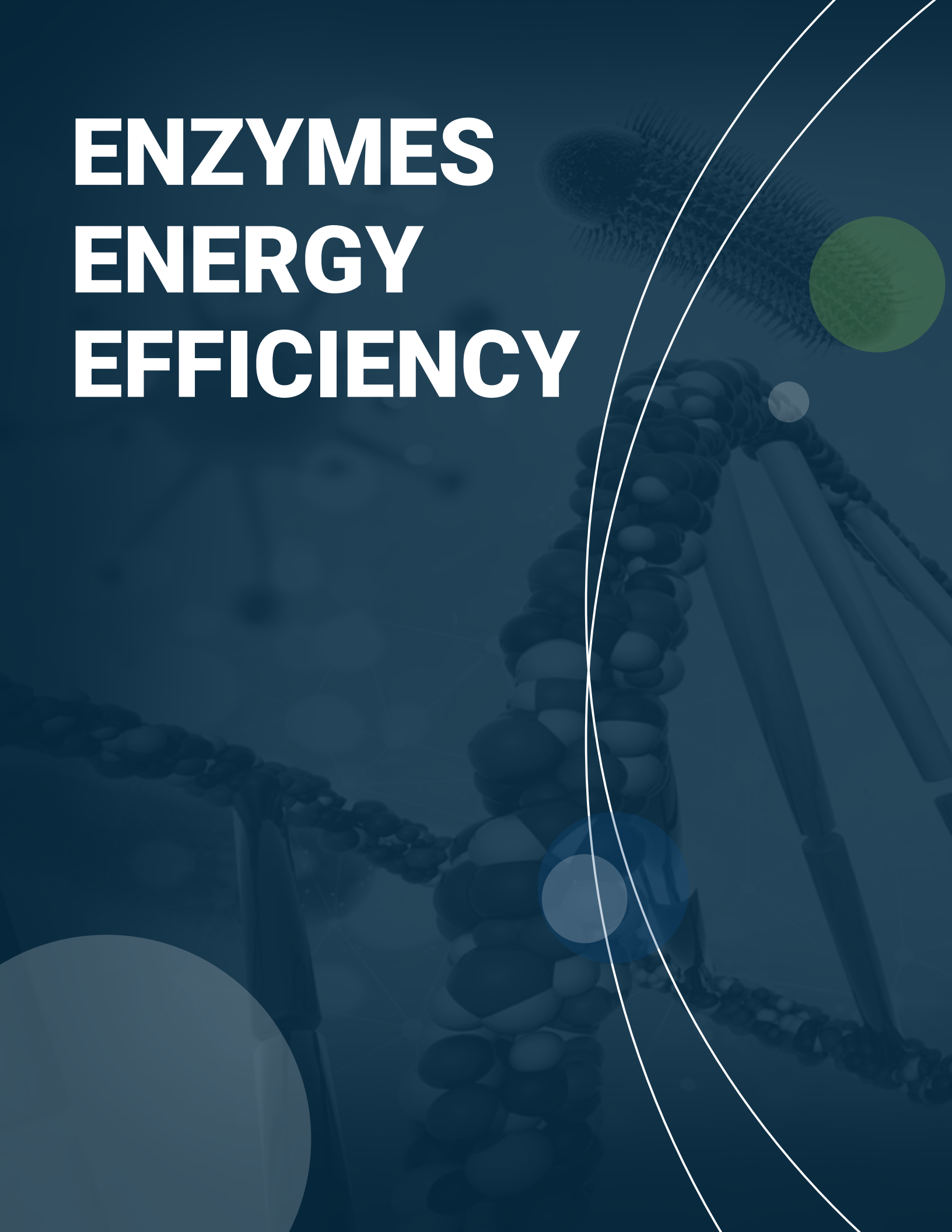
annual
REPORT

Advanced
Enzyme
Technologies
Limited



2017-18

ENZYMES ENERGY EFFICIENCY






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Enzymes are helpful in unlocking the energy trapped in otherwise unusable agricultural, industrial and domestic wastes, which are now being used in the generation of biofuels using enzymatic processes. Application of enzymes in detergents, food processing and other industrial processes allowed significant reduction in process

energy requirements. In recent years, numerous energy intensive, less specific chemical processes have been replaced by the green, highly specific and efficient enzyme based biocatalytic processes. Enzymes technologies are green, highly specific energy efficient and helping in making big strides in reducing our environmental footprints.

”

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An introduction to the report covering who we are, journey so far, management comments on the year under review, the differentiated factors, snapshot of the year, recognition during the year, and where do business

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THE ANNUAL REPORT ONLINE

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Corporate Identity

Advanced Enzyme Technologies Limited (AETL) is a research driven company with global leadership in the manufacturing of enzymes and probiotics. We are the largest Indian enzyme company, engaged in the research and development, manufacturing and marketing of 400+ proprietary products developed from over 68+ indigenous enzymes and probiotics. We are committed to providing eco-safe solutions to a wide variety of industries like human health care and nutrition,

animal nutrition, baking, fruit & vegetable processing, brewing & malting, grain processing, protein modification, dairy processing, speciality applications, textile processing, leather processing, paper & pulp processing, bio-fuels, bio-mass processing, bio-catalysis, etc. Our aim is to help consumers access side-effect free healthcare, help farmers enhance nutrition for animals, and also to help adopt modern enzyme based processes.

Vision

Our vision at Advanced Enzymes is to become a leading, respected & preferred, enzyme based solutions provider in the global market.

Mission

It is our mission to see that every human being is able to utilize the power of enzymes, for general well-being, for health and for improving the quality of life.

It is also our mission to see that every possible industry is able to take the advantage of enzymes, to create & produce innovative products, improve the quality of the end products, reduce energy costs, optimise the use of raw materials & resources, reduce pollution & overall carbon footprint of the process.

KEY STRENGTHS



Strong Research & Technology Focus

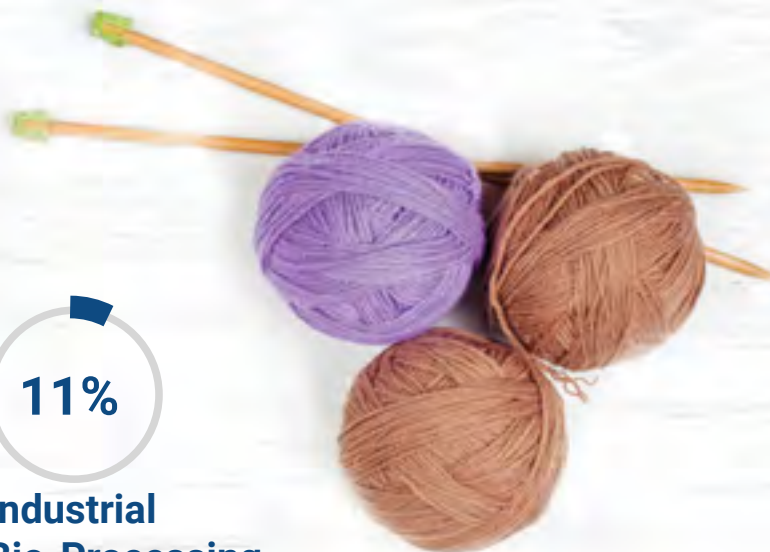


Global Competitiveness



Integration Across the Value Chain

Diversified Markets



11%

Industrial Bio-Processing

Non-Food Processing

Enzymes are considered as potent biocatalysts for a large number of reactions. AETL offers eco-safe solutions for variety of industries such as textiles, leather, detergent and pulp and paper, which are used in the manufacture of a wide range of products. Biological solutions improve the efficiency of industrial processes by saving energy, water and other raw materials, while reducing waste and effluent load, thereby helping customers to comply with the pollution norms reducing overall process cost.

Food Processing

By maximizing the resources and continuously enhancing the quality of the products, food and beverage manufacturers are improving the choices enjoyed by consumers and users around the globe. Enzymes play an essential role in bringing more nutritious and appealing food and beverage products to the modern world, and they offer significant benefits beyond the scope of traditional alternatives.





76%

Human Healthcare and Nutrition

AETL provides proprietary enzyme products and customized enzyme solutions to various pharmaceutical and nutraceutical companies in India, North America, Asia (ex-India), Europe and other countries globally. These products includes various anti-inflammatory solutions, digestion solutions, probiotics, etc. which are used by customers as active ingredients.

Animal Nutrition

AETL provides enzyme based feed additives for the animal nutrition industry, mainly catering to poultry and swine. By adding enzymes to feed, the digestibility of the components can be enhanced. Animal Nutrition product offering enables animals to maximize the nutrients they absorb from the feed, thus helping in reducing feed costs, minimizing animal waste production and accordingly helping to reduce environmental pollution.



13%



68+

Enzymes & Probiotics

24+

Years of Fermentation
Experience

420

m³ Fermentation
Capacity

550+

Employees