

ABSTRAK

Bame, Leoni 2026. Profil Pengetahuan Dasar Siswa SMA Negeri se-Kota Tanjungpinang tentang Produk *Green Technology*. Skripsi. Program Studi Pendidikan Biologi, Jurusan Pendidikan Matematika dan Ilmu Pengetahuan Alam, Fakultas Keguruan dan Ilmu Pendidikan, Universitas Maritim Raja Ali Haji. Pembimbing I: Adam Fernando, S.Pd., M.Pd., Pembimbing II: Dr Trisna Amelia, S.Pd., M.Pd.

Kata Kunci: Pengetahuan Dasar, Siswa, *Green Technology*

Pengetahuan dasar mengenai produk *green technology* merupakan aspek penting yang perlu dimiliki siswa dalam menghadapi berbagai permasalahan lingkungan dan mendukung pembangunan berkelanjutan. Namun, tingkat pengetahuan siswa tentang produk *green technology* masih belum banyak diketahui. Penelitian ini bertujuan untuk mengetahui profil pengetahuan dasar siswa kelas X SMA Negeri se-kota Tanjungpinang tentang produk *green technology*.

Penelitian ini merupakan penelitian deskriptif dengan pendekatan kuantitatif. Populasi penelitian adalah seluruh siswa kelas X SMA Negeri se-Kota Tanjungpinang yang berjumlah 1.922 siswa, dengan sampel sebanyak 178 siswa yang ditentukan melalui teknik *purposive sampling*. Teknik pengumpulan data dilakukan melalui tes, dengan instrumen berupa tes pengetahuan dasar tentang produk *green technology* yang berbentuk soal esai. Teknik analisis data menggunakan analisis statistik deskriptif, yang meliputi perhitungan rata-rata, persentase, dan kategorisasi tingkat pengetahuan siswa. Hasil penelitian ini menunjukkan bahwa profil pengetahuan dasar siswa kelas X SMA Negeri se-Kota Tanjungpinang tentang produk *green technology* berada dalam kategori rendah. Sebagian besar siswa belum mengetahui tujuan, manfaat penggunaan, dan contoh penerapan produk *green technology* dalam kehidupan sehari-hari dalam optimal.

ABSTRACT

Bame, Leoni 2026. *Basic Knowledge Profile of Senior High School Students in Tanjungpinang City About Green Technology Products*. Thesis. Biology Education Study Program, Department of Mathematics and Natural Sciences Education, Faculty of Teacher Training and Education, Raja Ali Haji Maritime University. Advisor: Adam Fernando, S.Pd., M.Pd., Co-Advisor: Dr. Trisna Amelia, S.Pd., M.Pd.

Keywords: Basic Knowledge, Students, Green Technology

Basic knowledge about green technology products was an important aspect that students needed to possess in order to face various environmental problems and support sustainable development. However, the level of students' knowledge about green technology products was still not widely known. This study aimed to determine the profile of basic knowledge among tenth-grade students of State Senior High Schools throughout the city of Tanjungpinang regarding green technology products.

This research was a descriptive study using a quantitative approach. The population of the study consisted of all tenth-grade students of State Senior High Schools throughout the city of Tanjungpinang, totaling 1,922 students, with a sample of 178 students determined through purposive sampling technique. Data collection was carried out through a test, using an instrument in the form of an essay-based test of basic knowledge about green technology products. The data analysis technique used descriptive statistical analysis, which included the calculation of averages, percentages, and categorization of students' knowledge levels. The results of this study showed that the profile of basic knowledge among tenth-grade students of State Senior High Schools throughout the city of Tanjungpinang regarding green technology products fell into the low category. Most students had not yet optimally understood the purposes, benefits of use, and examples of the application of green technology products in daily life.