

Industrial hemp cultivation holds immense promise for economic empowerment, sustainable agriculture, and job creation in Southern Africa, particularly for small-scale farmers.

Global hemp trends

40+

Produced in over 40 countries worldwide

\$60.79 billion

Revenue of the cannabis market worldwide

14.06%

Annual growth rate from 2024-2028

Applications of industrial hemp include the 5-F segmentation

1. Food

Human consumption

2. Feed

Animal feed

3. Fibre

Apparel, geotextiles, biopolymers, insulation, rope

4. Farming

Bioremediation, soil organic carbon, pollinating ecosystem agents, carbon sequestration

5. Fractions

Flower pressing for oils, secondary metabolite extraction (terpenes, cannabinoids)

3 product development intensities

01

Low-Tech Applications

Minimal technological processes

02

Mid-Tech Applications

Requires more complex machinery and processing

03

High-Tech Applications

Requires complicated chemical processes and advanced machinery to create higher value-added products

The anatomy of the industrial hemp plant

