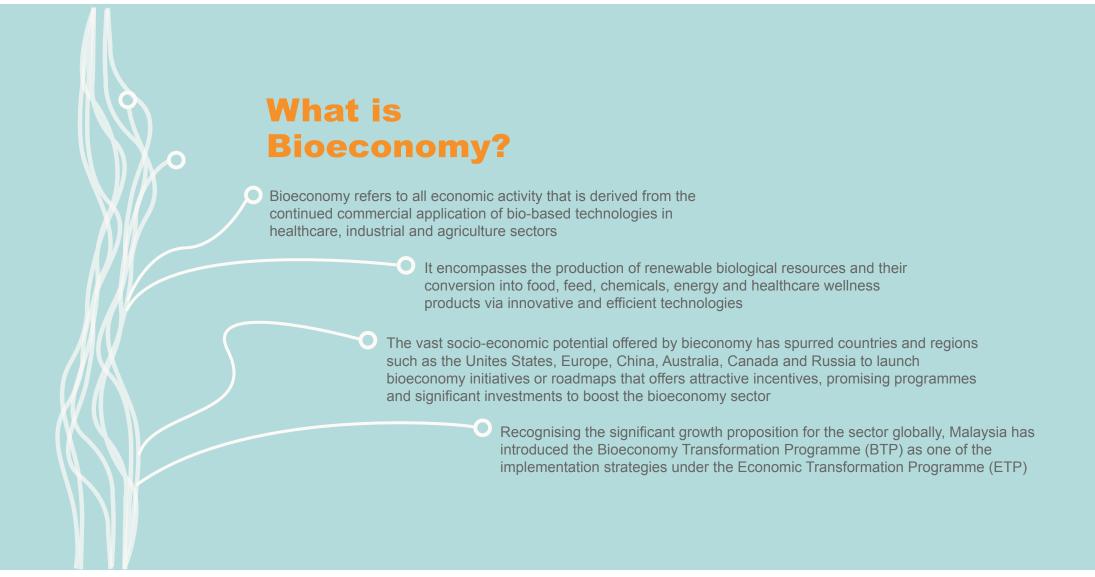


Enriching the Nation, Securing the Future

How do we create more jobs? environment? Raise standards of living? health?

WE CAN...
THROUGH







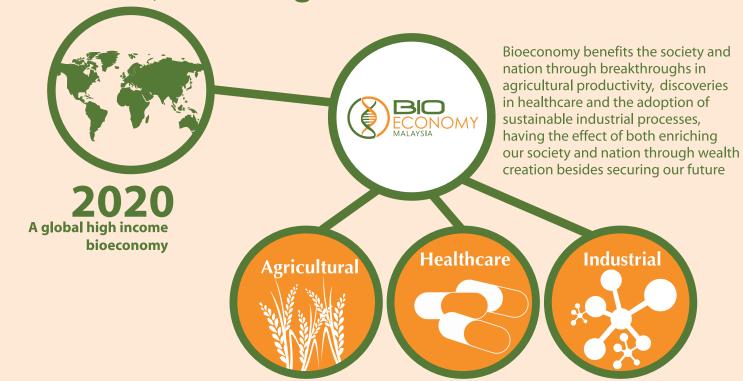
Emerging Trend:Countries establishing Bioeconomy Initiatives/Roadmap

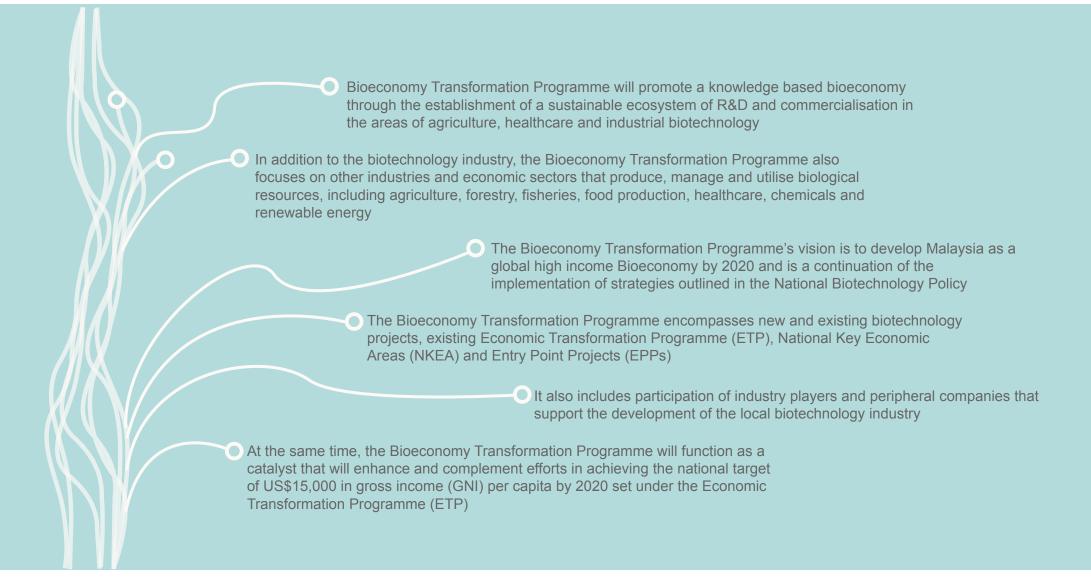
Bioeconomy to contribute a global average of **2.7% to GDP by 2030** (OECD estimates)

What is Bioeconomy Transformation Programme?

- Bioeconomy Transformation Programme is a platform provided by the Malaysian government for the private sector to channel and maximise commercial opportunities in bio-based industries
 - Through the Bioeconomy Transformation Programme, the Malaysian government and leading industry players will work in tandem to set national goals for the application of biotechnology in agriculture production, industrial manufacturing and human health, put in place the structural conditions required and develop necessary mechanisms to ensure that policy can flexibly adapt to new opportunities
- The Bioeconomy Transformation Programme is designed as a Transformation Programme based on biotechnology's potential to cut across various different industries and transform Malaysia into a high income, inclusive and sustainable economy
 - The Bioeconomy Transformation Programme has been endorsed by Malaysia's Biotechnology Implementation Council and launched by the Honorable Prime Minister of Malaysia on 30 October 2012

Our Vision: Enriching the Nation, Securing the Future





Malaysia's National Transformation Policy









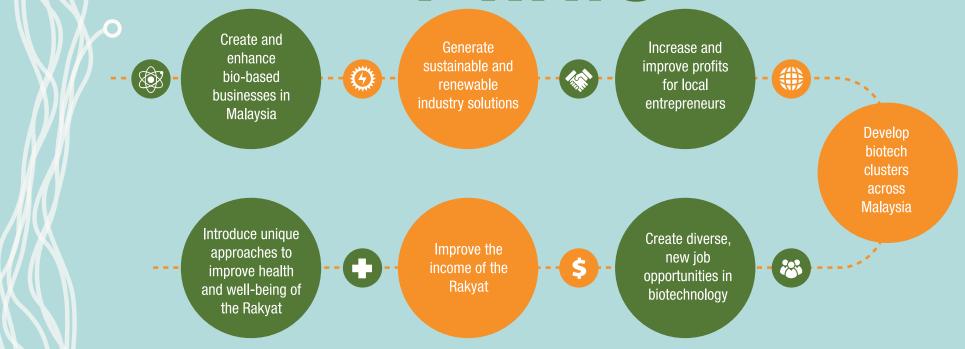
Creating Economic Value through Bioeconomy Transformation Programme

- Bioeconomy Transformation Programme is estimated to increase Malaysia's Gross National Income (GNI) of up to RM 3.6 billion in 2020, with a total investments of RM 10 billion, thus enabling Malaysia to become a high income nation by year 2020.
 - Bioeconomy Transformation Programme also aims to increase the creation of quality job opportunities for Malaysians as well as improve the income of the Rakyat
- In addition, Bioeconomy Transformation Programme will also promote "Green" Economy by contributing towards Malaysia's target of 40% reduction in carbon footprint and emissions, and improving the health and well-being of the Rakyat through reduced healthcare treatment costs, early disease detection and cheaper, accessible medicines

Bioeconomy Transformation Programme Outcome



7 WAYS



Bioeconomy Transformation Programme Can Impact You

Bioeconomy Transformation Programme's Focus Area



Tropical Agro-Biotechnology



Innovative Healthcare Products & Services



Renewable Bio-Resources







10 EPPs













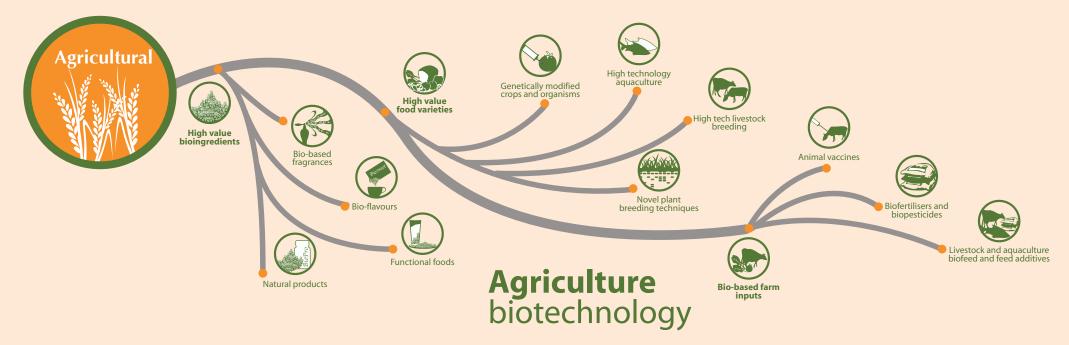






20 trigger projects

Current Entry Point Projects (EPPs) and Trigger Projects

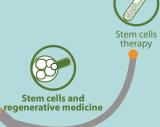


GNI: RM 1.5 billion

Employment: 7,000

Investment: RM3.0 billion









Cheaper medical treatment



Improved versions of original drug









GNI: RM 0.7 billion

Employment: 2,000

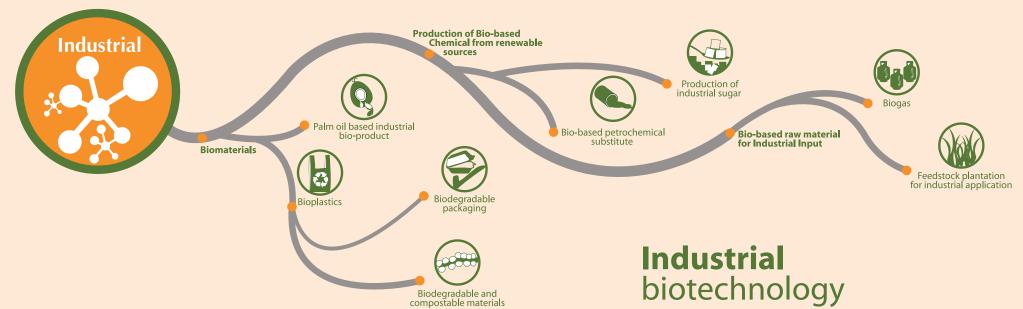
Investment: RM 0.7 billion





Early disease detection and mitigation





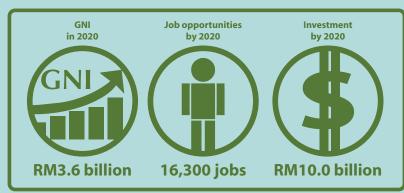
GNI: **RM 1.4 billion**

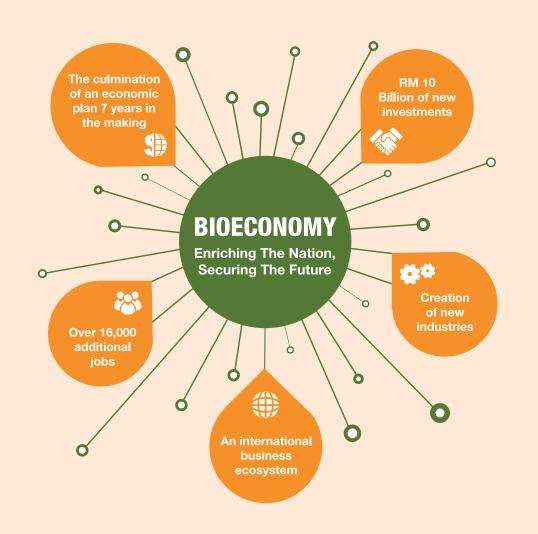
Employment: 7,300

Investment: RM 6.3 billion

Enhancing Malaysia's Biotechnology Industry through Bioeconomy Transformation Programme













Ministry of Science Technology and Innovation

Bioeconomy Transformation Programme

Malaysian Biotechnology Corporation

Lead Ministry

Implementation Agency

For more information, visit www.bioeconomy.my and www.biotechcorp.com.my or contact us at bioeconomy@biotechcorp.com.my





Malaysian Biotechnology Corporation Sdn Bhd (691431-D)

Level 23, Menara Atlan 161B, Jalan Ampang, 50450 Kuala Lumpur T: +603 2116 5588 F: +603 2116 5528

> www.bioeconomy.my www.biotechcorp.com.my email: bioeconomy@biotechcorp.com.my