

WELCOMING REMARKS
NANOMALAYSIA JUMPSTART SEMINAR SERIES:
ELECTRONICS DEVICES & SYSTEMS

BY

YANG BERUSAHA DR. REZAL KHAIRI AHMAD
CHIEF EXECUTIVE OFFICER OF NANOMALAYSIA BERHAD

Thank you Masters of Ceremony.

Salutations

YANG BERUSAHA DR. ZULKEFLI MOHAMAD

Deputy Secretary General (Science)

Ministry of Science, Technology and Innovation (MOSTI) representing
Yang Berhormat Datuk Madius Tangau, Minister Of Science, Technology
and Innovation.

YANG BERBAHAGIA DATUK ABDUL WAHAB ABDULLAH

Chief Executive Officer

MIMOS Berhad.

Datuk-Datuk, honourable speakers, respected friends from the industry,
fellow experts, ladies and gentlemen,

Welcome to the NanoMalaysia Jumpstart Seminar Series: Electronics
Devices & Systems.

1. Firstly to put in records, specifically to YB. Datuk Madius Tangau we look forward to your leadership in spearheading Malaysia's Science, Technology and Innovation agenda to the forefront particularly nanotechnology which is deemed to be at the crest of all technologies.
2. I would like to express my gratitude to our host today MIMOS Berhad for hosting the NanoMalaysia Jumpstart Seminar Series at this ideal venue, thank you Dato' Abdul Wahab, and to our speakers and all guests present today for being able to spare some time out of their busy schedule sharing inputs on commercial opportunities stemming from nanotechnology developments in the area of electronics, devices and systems.
3. Technology evolves very rapidly from year on year. Giants of the technology industry are always eager to stay ahead of the rest. Hence, bringing Malaysia forward as one of the top country players of the industry requires sustainable economic development strategic investment in strategic areas and here we are doing just that at today's the jumpstart seminar.
4. This jumpstart seminar aims at developing the true understanding on the commercial emergence of nanotechnology through focused development of demand driven applications. It brings together market players, subject-matter experts and investors.

Ladies and Gentlemen,

5. Since the incorporation of NanoMalaysia in August 2011, NanoMalaysia has been proactive in engaging the industry to innovate into nano-electronics particularly in graphene, research development and commercialization in order to capture a bigger slice of global economy and this must be done strategically and dynamically.
6. Nanotechnology is poised to re-energise Malaysia's economic development of the nation but it is projected through the National Graphene Action Plan 2020, 9,000 jobs will be created, out of which 3,000 will be high value jobs and it will contribute \$2.8 billion USD to the country's GDP and \$5.6 billion USD to the county's gross national income (GNI).
7. Nanotechnology in the global context identified Nanoelectronics as key market with several commercial products. It is widely expected that by 2020, the penetration of nanotechnology in the semiconductor industry will be 100% and for pharmaceuticals, 50%. The driving force behind the application of Nanoelectronics include technology convergence; Green-, Bio- and ICT cognitive and science convergence; Physics, Biology and Chemistry. Both convergences promise to transform every aspect of life through various application sectors-
8. Over the years, researchers have been working towards the integration of biological principles, physical laws and chemical properties to create novel solutions through nanotechnology. Moving forward, such endeavours must be steered to the market demands eventually deployed into various fields for example electronic devices for consumer markets, photonic devices in communications, sensors for various sectors and biochips in medical.

Ladies and gentlemen,

9. For the next few hours, we will be discussing the role of nanotechnology in the electronics industry, evolution of nanotechnology application and new innovations for the market. We will also witness MOU exchanges between our partners as to mark strategic collaborations in this field.
10. It is hoped that this platform co-organised by NanoMalaysia and MIMOS will spur more understanding and commercial interest in nanotechnology for the benefits of our economy.
11. Without dragging this further, I hope that you all will be inspired and enlightened with what will be shared throughout the day today and perhaps taking the opportunity to discuss and probably gain interest in venturing into new frontiers with nanotechnology.
12. I am confident that we can achieve our goals by way of collaboration so let us put our efforts together, do it cohesively and ensure a progressive Malaysia for many years to come.

Thank you.