

The Mega Science Agenda:



Malaysia 2050

RATIONALE 1

To enable Malaysia to leap-frog into a technologically advanced nation taking into consideration the need for:

- societal well-being
- wealth creation



RATIONALE 2

Generation of scientific knowledge

➤ led to remarkable advances

but;

➤ will lead to environmental degradation & contribute to socio-economic imbalance



RATIONALE 3

Science, engineering and innovation are increasingly central to sustainable development



RATIONALE 4

Introduce rational policies that reflect better understanding of complex technical, economic, social, cultural and ethical issues concerning the society, the earth, and its environment



RATIONALE 5

STI industry can contribute
immensely to the future
development of Malaysia



ASPIRATION

Prosperous, peaceful and progressive country and its people through maximum use of STI in sustaining the country's development in the next 50 years.



OBJECTIVE

Identify STI opportunities and prepare recommendations and roadmap for short, medium and long-term (2011-2050)



THE MEGA SCIENCE 1.0 - 2011



THE MEGA SCIENCE 2.0 - 2013

Infrastructure



Housing



Transportation



Environment



Electrical & Electronics





THE WAY FORWARD

THE MEGA SCIENCE 3.0 - 2014

1. FURNITURE INDUSTRY
2. AUTOMOTIVE INDUSTRY
3. PLASTIC & COMPOSITES INDUSTRY
4. FOOD SECURITY
5. TOURISM INDUSTRY



THE MEGA SCIENCE 4.0 - 2015

1. GREEN TECHNOLOGY: FUEL CELL
2. MARINE ECOSYSTEM SERVICES
3. NATURAL HAZARDS
4. COMMUNICATION
5. SPACE INDUSTRY



THANK YOU

