



PRESENTATION SESSION #3



Facilities/Incentives to be covered:

Researcher Industry Scientific Exchange (RISE)

RD4B

Research & Development for Business

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Lonjakan Industri 4.0

Tuan Yang Dipertua,

142. Pelan Tindakan Dasar Industri 4.0 atau Industry4WRD baru-baru ini berhasrat untuk menjadikan Malaysia sebagai destinasi utama untuk pelaburan industri berteknologi tinggi. Bagi menyokong visi tersebut, langkah-langkah berikut akan diperkenalkan:

143. **PERTAMA:** Memperuntukkan RM210 juta bagi tahun 2019 hingga 2021 untuk menggalakkan peralihan kepada Industri 4.0. Perbadanan Produktiviti Malaysia akan menjalankan program Readiness Assessment untuk membantu 500 buah syarikat Perusahaan Kecil dan Sederhana (PKS) beralih kepada teknologi Industri 4.0.

144. **KEDUA:** Sistem rujukan Knowledge Resource for Science & Technology Excellence (KRSTE.my) akan diwujudkan untuk memangkinkan perkongsian sumber penyelidikan dan pembangunan (R&D)

34 BELANJAWAN | 2019

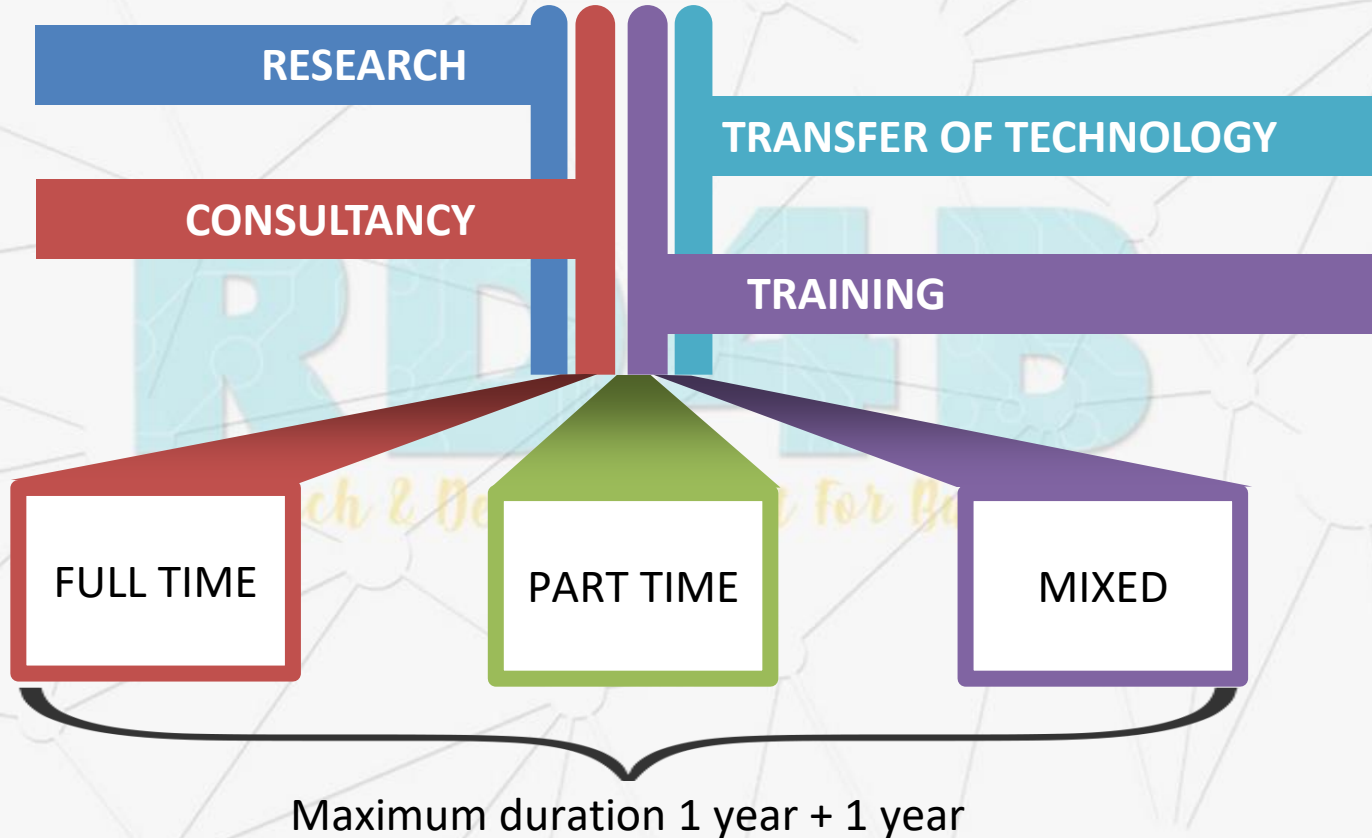
Kerajaan antara sektor swasta dan akademik dengan sumber dan fasiliti yang sedia ada. Menjelang 2019, Kerajaan akan memberi sektor swasta akses kepada 250 fasiliti dan 1,200 peralatan saintifik serta data penyelidikan. Tambahan lagi, satu Program Pemetaan-Penyelidik akan diperkenalkan untuk menempatkan sekurang-kurangnya 100 ahli penyelidik dengan sektor swasta di mana kos penempatan akan dibiayai oleh Kerajaan.

This initiative was announced in the presentation of the 2019 Budget under Focus Three: Fostering a National Culture of Entrepreneurship under Strategy 9: Triggering New Economic Power

INTRODUCTION

- The RISE initiative is planned with the goal of :
 - Helping the industry in adapting new technologies;
 - increasing innovation and productivity capabilities, and
 - Improving processes and systems through sharing of expertise as well as building researchers' capacities in the field of research and development
- The objective of RISE as a platform for sharing the expertise of researchers with the industry is to:
 - Assist the industry in adapting the latest technology;
 - Enhance innovation capabilities, productivity and improving processes and systems through sharing of expertise; and
 - Develop researcher capacity in research and development.

METHODS





APPLICATION



<https://rise.mosti.gov.my>

- The RISE initiative offers experts from the following institution for solving problem in the industry

- ✓ Agensi Angkasa Malaysia
- ✓ Agensi Nuklear Malaysia
- ✓ Lembaga Perlesenan Tenaga Atom
- ✓ Jabatan Kimia Malaysia
- ✓ National Institutes Of Biotechnology Malaysia
- ✓ Pusat Nanoteknologi Kebangsaan
- ✓ Pusat Sains Negara
- ✓ Planetarium Negara
- ✓ NanoMalaysia Berhad
- ✓ MIMOS Berhad
- ✓ Malaysian Industry-Government Group for High Technology
- ✓ Malaysian Global Innovation & Creativity Centre
- ✓ Yayasan Inovasi Malaysia
- ✓ Universiti Malaya
- ✓ Universiti Putra Malaysia
- ✓ Universiti Sains Malaysia
- ✓ Institut Penyelidikan Perubatan
- ✓ Lembaga Perindustrian Kayu Malaysia
- ✓ Institut Penyelidikan Sains dan Teknologi Pertahanan
- ✓ Malaysian Palm Oil Board
- ✓ Institut Penyelidikan Perhutanan Malaysia
- ✓ SIRIM Berhad

PREVIOUS COLLABORATION

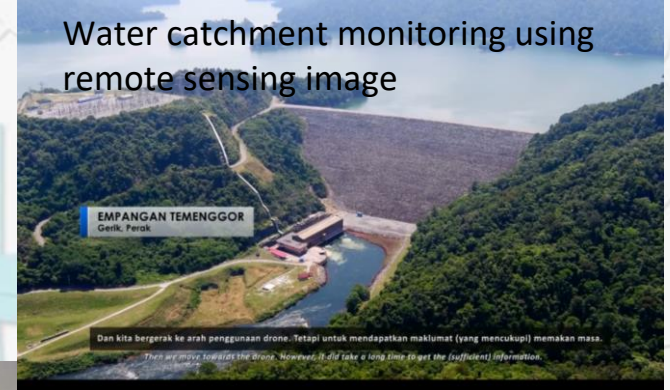
Development of new paddy characteristics: bigger stalk and resist to the rice fungus



Drug analysis



Water catchment monitoring using remote sensing image



Kit to determine natural honey, test can be completed in less than 5 minutes

BENEFIT

- Why should industries apply?
 - To obtain the best expert services
 - The cost of services is borne by the government
 - To allocate on necessary product/ process development only

Research & Development For Business



**KEMENTERIAN SAINS,
TEKNOLOGI DAN INOVASI**
MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION

MIDA

THANK YOU

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