

工业革命4.0 Industrial Revolution 4.0

有哪些影响?
What are the effects?

老板们!
工商们!
你们可要关注
以下资讯!



政府在财政预算案作出了什么
去鼓励相关领域转型以
应对工业革命4.0?
How Government encourages
SMEs to embrace IR4.0?

Industrial Revolution 4.0 (IR4.0)

工业革命4.0

- Combines the 9 pillars of IR4.0 with production experience to analyze the needs and wants from customer in order to produce goods that satisfy customers
- 它是以人工智能为目标， 结合了大数据、云计算、物联网等（与其主要的9个支柱）为技术的工业革命
- 让其9个支柱技术与工业生产体验结合；从中分析客户的需求，制定一个能满足客户的产品

现在
工业革命4.0
对我们的生活
有哪些变化？

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What is Industrial Revolution (IR)

什么是工业革命?

Industrial Revolution	Changes
工业革命 1.0 发生在18世纪中 IR1.0 occurred in the mid-18 century	出现了蒸汽机，机械代替了手工业 High growth rate of steam power, transition from manual production to machinery
工业革命 2.0 发生在19世纪中 IR2.0 occurred in the mid-19 century	工业步入自动化，工厂大量出现 More factories were built and electricity allows for large scale productions
工业革命 3.0 发生在二战过后 IR3.0 occurred after World War 2	世界步入信息时代，通讯变得发达 IT and computer technology are used for automation of processes (Digital revolution)



9 Pillars of IR4.0

工业革命4.0:
9个主要支柱



Big data
大数据分析



Autonomous robots
自动机器人



Simulation
虚拟



System integration
知识工作自动化



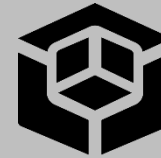
Internet of things
物联网



Cybersecurity
网络安全



Cloud computing
云计算



3D printing
增材制造 (3D打印技术)



Augmented Reality
增强现实技术





How IR4.0 Changes Our Lives? 工业革命4.0对生活带来了什么变化?

Production systems become **smarter**
生产系统变得更**智能化**

Production systems design & operations
become **smoother** and more **agile**
让生产系统设计、制造、运作和流程变得更**灵活**这
不仅**提高生产效率**还**改善质量**等多种效益

Major impact on **labour market**
但也意味着， **劳动市场**也会有重大改变!

根据世界经济论坛（WEF）的预测，全球有7500万个职业逐渐落没，这包括：

- ✓资料输入书记、组装及工厂员工、及客服，以及业务服务等

(摘自：东方日报)



所以我们必须提高自己的技能来应对工业革命4.0和对新机会保持开放!

所以讲了那么久，



那**政府**对工业革命4.0
做了什么？

How did the **Government respond** to IR4.0?

其实政府在2018年推行了
Industry 4WRD

Industry 4WRD

目的是评估公司执行工业4.0的能力，
让生产和其相关领域走向电子转型

Industry 4WRD was launched
in 2018 for firms to assess their
capabilities and readiness to
adopt IR4.0 technologies



Industry 4WRD Readiness Assessment

(Industry 4WRD-RA)

Who are **Eligible**?

谁符合革命的
预备计划?



Manufacturing and its related services

工业和相关领域

- Valid registration and business licenses 有着有效的注册和生意执照
- Company has at least 60% of local equity 拥有60%的本土资产
- More than 3 years operation 多过3年营运

Industry 4WRD-RA Assessment Process

评估过程





Benefits of Industry 4WRD-RA 预备评估计划有哪些好处？

Identify areas of improvement in terms of people, process and technology
能识别该公司需改进的地方

Receive comprehensive readiness report
该公司将收获完整的预备报告

Become entitled to apply for financial incentives
获得申请财务援助的资格（请看下页）

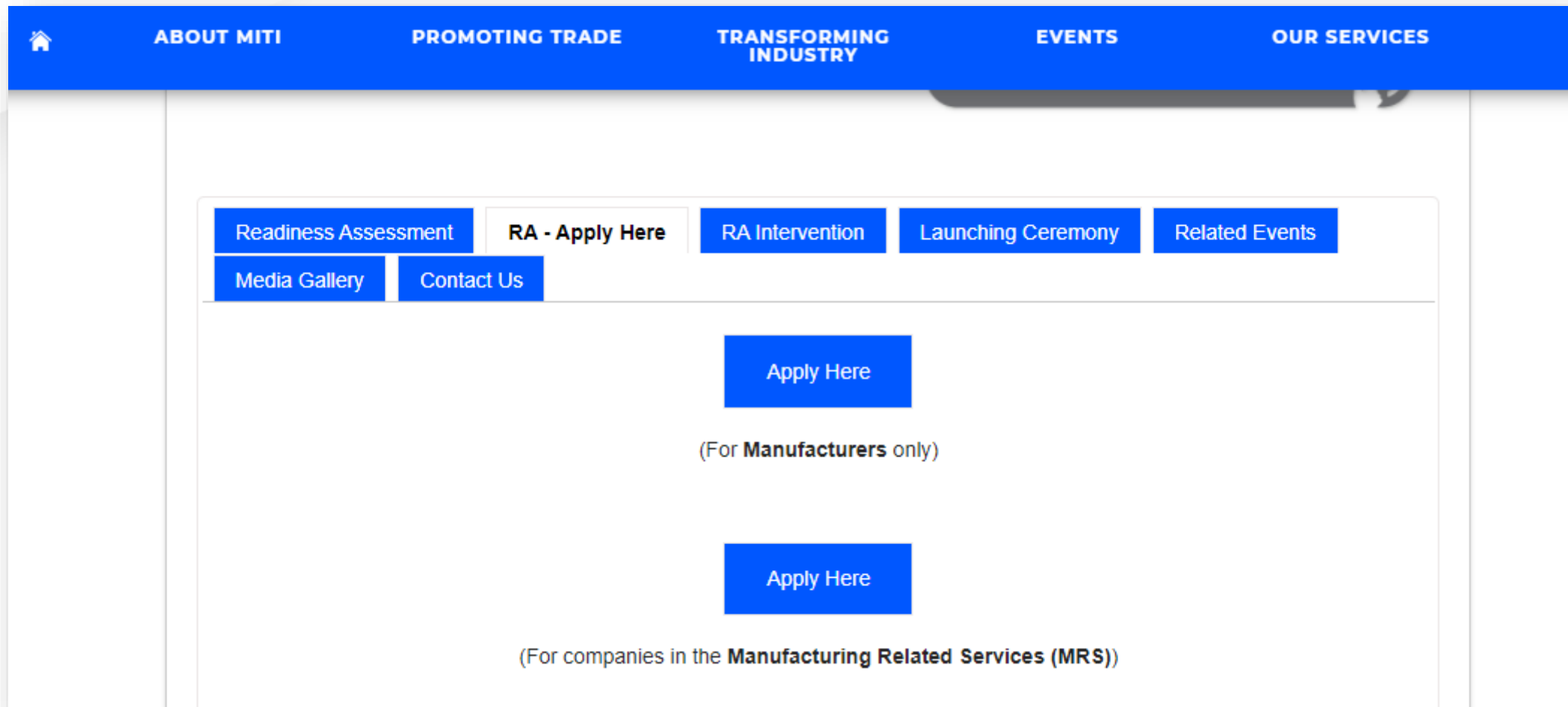
Entitled to Apply for Financial Incentives 获得申请财务援助的资格

The Intervention fund

- ✓ Implementing Agency : MIDA *MIDA将会成为执行的机构*
- ✓ Eligible for all SMEs which have completed government-funded Industry 4WRD-RA programme *给已完成了政府预备评估计划的中小企业*
- ✓ Fund provided based on matching basis (70:30) based on eligible expenditures *从符合的花费上基金分配比例为 (70:30)*
 - ✓ up to a maximum grant of RM500,000.00 only *最高给予为RM500,000.00而已*

For more info *想理解更多, 可查询:*

<https://www.mida.gov.my/home/industry4wrd-incentives/posts>



如果你对这项企划有兴趣，可以向有关单位提出申请
If you are interested for Industry4WRD, you may apply here



<https://www.miti.gov.my/index.php/pages/view/industry4WRD?mid=559>

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