

EXECUTIVE SUMMARY

THE NATIONAL GOAL OF INDUSTRY 4.0 IS TO INCREASE PRODUCTION GROWTH. TO ACHIEVE THIS GOAL, MALAYSIA NEEDS MORE HIGH-SKILLED WORKERS AND WIDELY USAGE OF TECHNOLOGY IN THE MANUFACTURING SECTOR. ALTHOUGH MALAYSIA DID NOT ACHIEVE THIS GOAL, WE ARE DOING WELL SINCE MALAYSIA IS IN THE LEADING QUADRANT OF READINESS FOR IR 4.0. BY PROVIDING FUNDING SUPPORT, MALAYSIA CAN CREATE THE OPTIMAL INDUSTRY 4.0 ECOSYSTEM TO HELP LOCAL PLAYERS UPSKILLING.

Malaysia readiness for IR 4.0
IS IN LEADING QUADRANT
ALONG WITH JAPAN, CHINA,
AND SINGAPORE

factors

- THE GLOBAL VALUE CHAIN AND PRODUCTION LOCATIONS ARE CONTINUING TO MOVE.
- QUALITY OF LABOUR.
- NEW TECHNOLOGIES

WAY FORWARD

- IMPROVING EXISTING AND FUTURE LABOUR POOL.
- HIGH QUALITY DIGITAL INFRASTRUCTURE TO SECURE INDUSTRY 4.0 OPERATIONS.
- FOCUSED FUNDING SUPPORT TO KICKSTART INDUSTRY 4.0 ADOPTION.



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what is IR 4.0 ?

IR 4.0 IS AN INFUSION OF AUTOMATION INTO THE MANUFACTURING SECTOR TO INCREASE THE EFFICIENCY IN PRODUCTION LINES BY USING ROBOTICS. TO SECURE THIS EVOLUTION, ADVANCED DIGITIZATION IR 4.0 IS AN INFUSION OF AUTOMATION INTO THE MANUFACTURING SECTOR TO INCREASE THE EFFICIENCY IN PRODUCTION LINES BY USING ROBOTICS. TO SECURE THIS EVOLUTION, ADVANCED DIGITIZATION AND TECHNOLOGY, ALSO EFFICIENT RESOURCE UTILIZATION ARE NEEDED. ULTIMATELY, THE AIM IS TO DRIVE COMPETITIVENESS TO THE SERVICE THAT MALAYSIA HAS.

ISSUES & CHALLANGE

- LACK OF AWARENESS IN THE NEED OF INDUSTRY 4.0.
- LIMITED UNDERSTANDING OF MANUFACTURING FIRM .
- LIMITED NUMBER OF LOCAL PLAYERS FOR INDUSTRY 4.0.

HOW TO OVERCOME ISSUES & CHALLANGE?

- CREATE OPTIMAL ECOSYSTEM FOR INDUSTRY 4.0
- ATTRACT STAKHOLDERS TO CHOOSE MALAYSIA AS A PREFERRED MANUFACTURING LOCATION.
- TRANSFORM MALAYSIA'S INDUSTRY POTENTIAL IN HOLISTIC AND EFFECTIVE MANNER.

REFLECTION

FROM THIS TALK, WE REALIZED THE NEED FOR IR 4.0 FOR MALAYSIA AND WHAT WE HAVE TO DO AS A FUTURE LEADER TO GUARANTEE OUR COUNTRY CAN STAND ASIDE WITH TOP COUNTRIES SUCH AS JAPAN, CHINA, AND THE UNITED STATES. IN ADDITION, WE ALSO NEED TO ADAPT QUICKLY WITH THIS NEW ENVIRONMENT WHERE THE TECHNOLOGY PLAYS A BIG ROLE IN OUR INDUSTRY. SO, AS A YOUNG GENERATION, WE MUST SPREAD AWARENESS OF THIS EVOLUTION TO MAKE A BETTER LIFE FOR ALL CITIZENS.

**TECHNOLOGY
INFORMATION
SYSTEM**
&
**FOURTH
INDUSTRIAL
REVOLUTION**

