

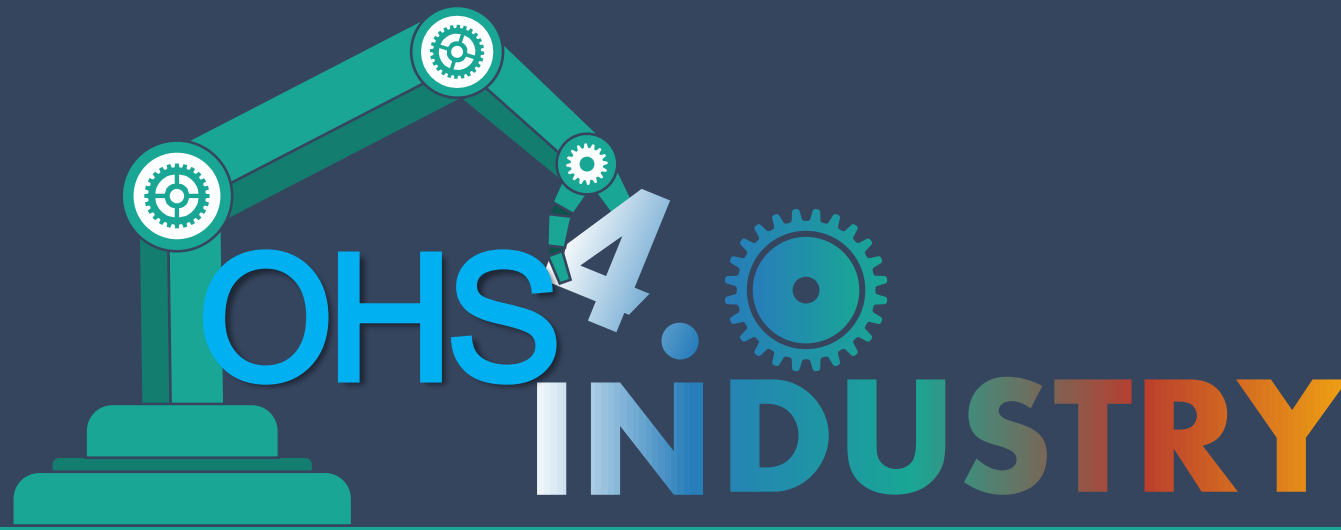


PERKESO

OHS **IN** INDUSTRY 4.0

FROM SOCSO PERSPECTIVE

OPPORTUNITY OR THREAT?



DR. M.HAZIMI B HAMZAH

HEALTH PROMOTION

PREVENTION, REHABILITATION AND MEDICAL DIVISION

SOCIAL SECURITY ORGANIZATION (SOCSO)



OHS4. INDUSTRY

Outlines

01

WHAT IS SOCSO

02

PRINCIPLE FUNCTION OF SOCSO

03

ANALYSIS CURRENT SITUATION

04

CONCLUSION

Social Security?

“Social Security may be defined as the protection furnished by society to its members through a series of public measures against economic and social distress that otherwise would be caused by the loss or substantial reduction of earnings resulting from sickness, maternity, employment injury, unemployment, invalidity, old-age and death, and for the provision of medical care and benefits for the maintenance of children”

(International Labor Organization)

PRINCIPLES OF SOCIAL SECURITY

SOLIDARITY FUND

- Social Safety Net
- Collection of Contributions Employers and Employees
- Risk Sharing Accident, Disability and Death

REPLACEMENT OF INCOME

- Protection to employees and dependents (Employment Injury Insurance Scheme and the Invalidity Pension Scheme)
- Income replacement

SOCIAL JUSTICE

- Justice in implementing the principles of Solidarity Fund & Replacement of Income

(1) The Organization may, in addition to the scheme of benefits specified in this Act, **promote measures or co-operate with existing institutions for the improvement of the health, occupational safety and welfare of insured persons** and for the **rehabilitation and re-employment of insured persons who have been disabled or injured** and may incur in respect of such measures expenditure from the funds of the Organization within such limits as may be prescribed by the Minister.

(2) Measures under subsection (1) may include provision of artificial limbs and appliances, opportunities for gainful employment under suitable conditions and convalescent homes.

(Section 40 : Employment Social Security Act 1969)

Where are we?

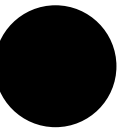


Social Security in Malaysia

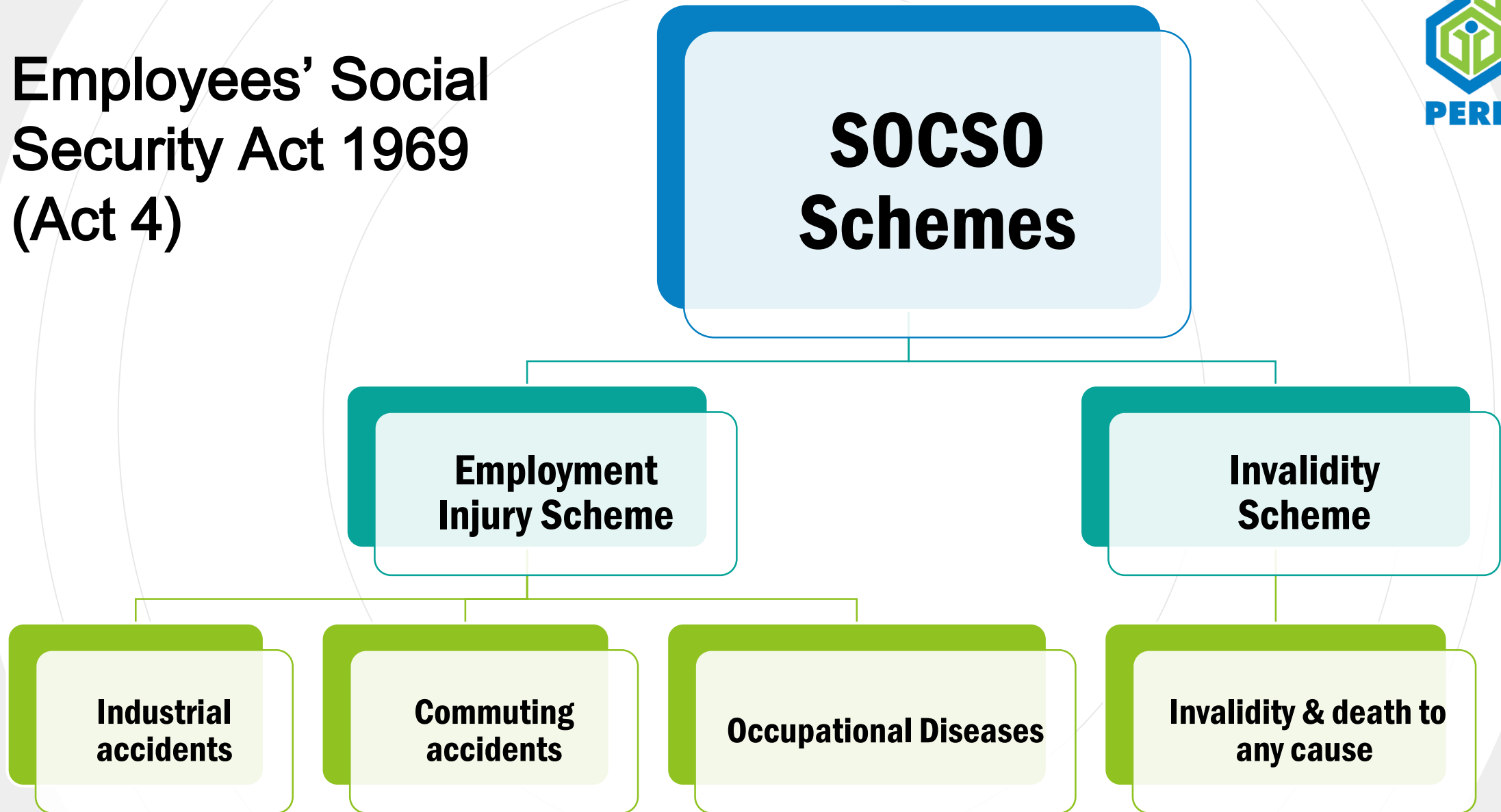


Medical Care	MOH, SOCSO
Sickness Benefit	MOH, SOCSO
Unemployment Benefit	SOCSO, Employment Act 1955
Old Age Benefit	EPF
Employment Injury Benefit	SOCSO
Family Benefit	JKM
Maternity Benefit	Employment Act 1955
Invalidity Benefit	SOCSO
Survivor's Benefit	SOCSO

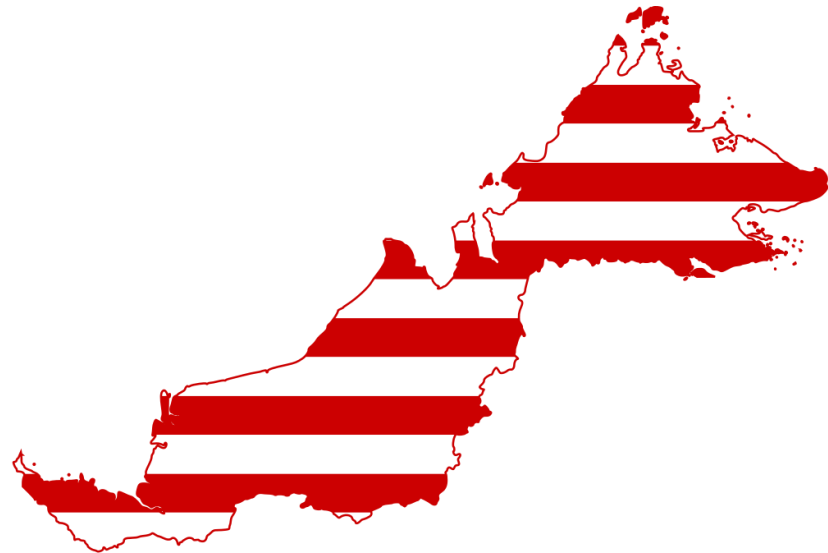
Pillars of SOCSO



Employees' Social Security Act 1969 (Act 4)



32.6 millions population
Covers 437,060 employers (2018)
Insures 6,936,411 employees (2018)
More than 50,000 claims monthly





Digitalization creates new working models where previous standards on social security, working hours, place of work and OSH are no longer valid.

(Breuer, 2015)

Industry 1.0



Mechanization,
Steam and Water
Power

Industry 2.0



Mass Production &
Electricity

Industry 3.0



Electronic and IT Systems,
Automation

Industry 4.0



Cyber Physical
Systems, IOT,
Networks

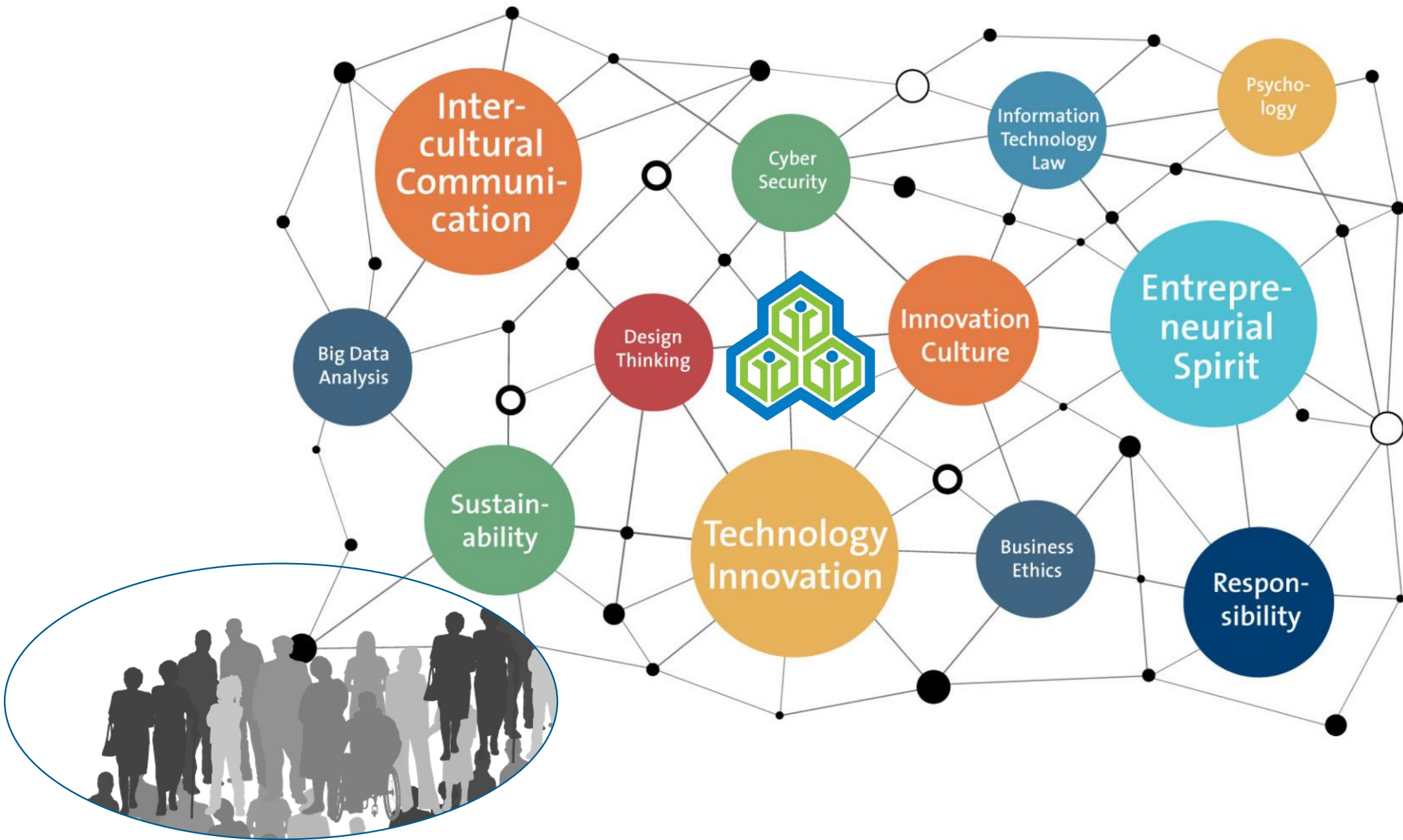
Industry 5.0



Enhanced Decision
Making using AI









Underestimating the issue is fostering new threats and challenges to workplaces with harmful results as there's evidence that these emerging forms of violence stand out for their increasing risk of harm compared to traditional forms mainly due to three reasons:

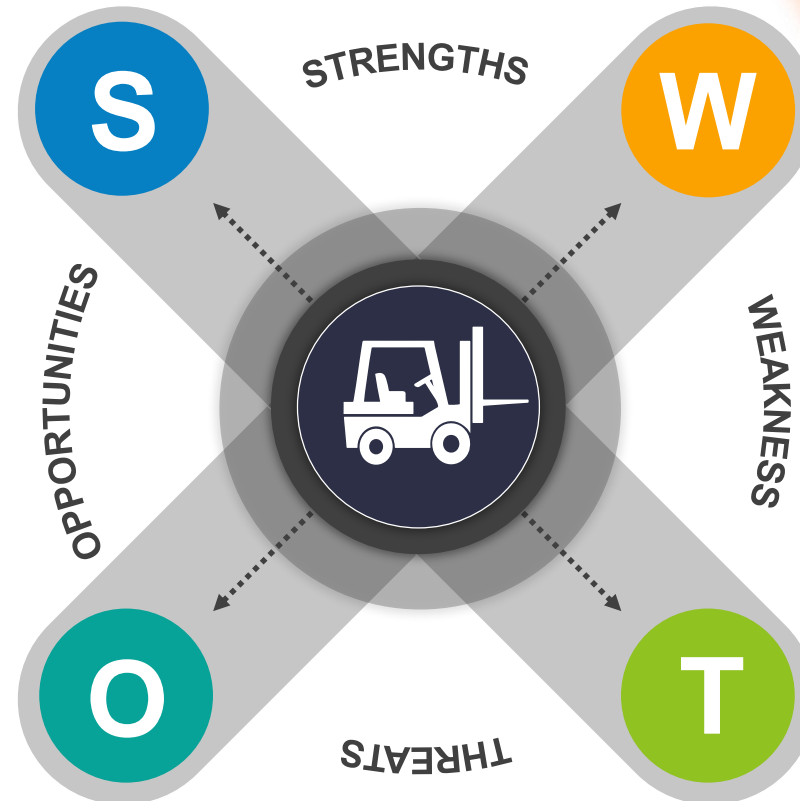
- The **potential audience**, as targets, participants, and witnesses, is virtually unlimited;
- The **scope** is no longer limited;
- Is **not limited by time** anymore.

(Franks, 2010)

S1 : Legislative & Regulatory

S2 : Rich data

S3 : Strategic Planning



Legislative & Regulatory



Rich data



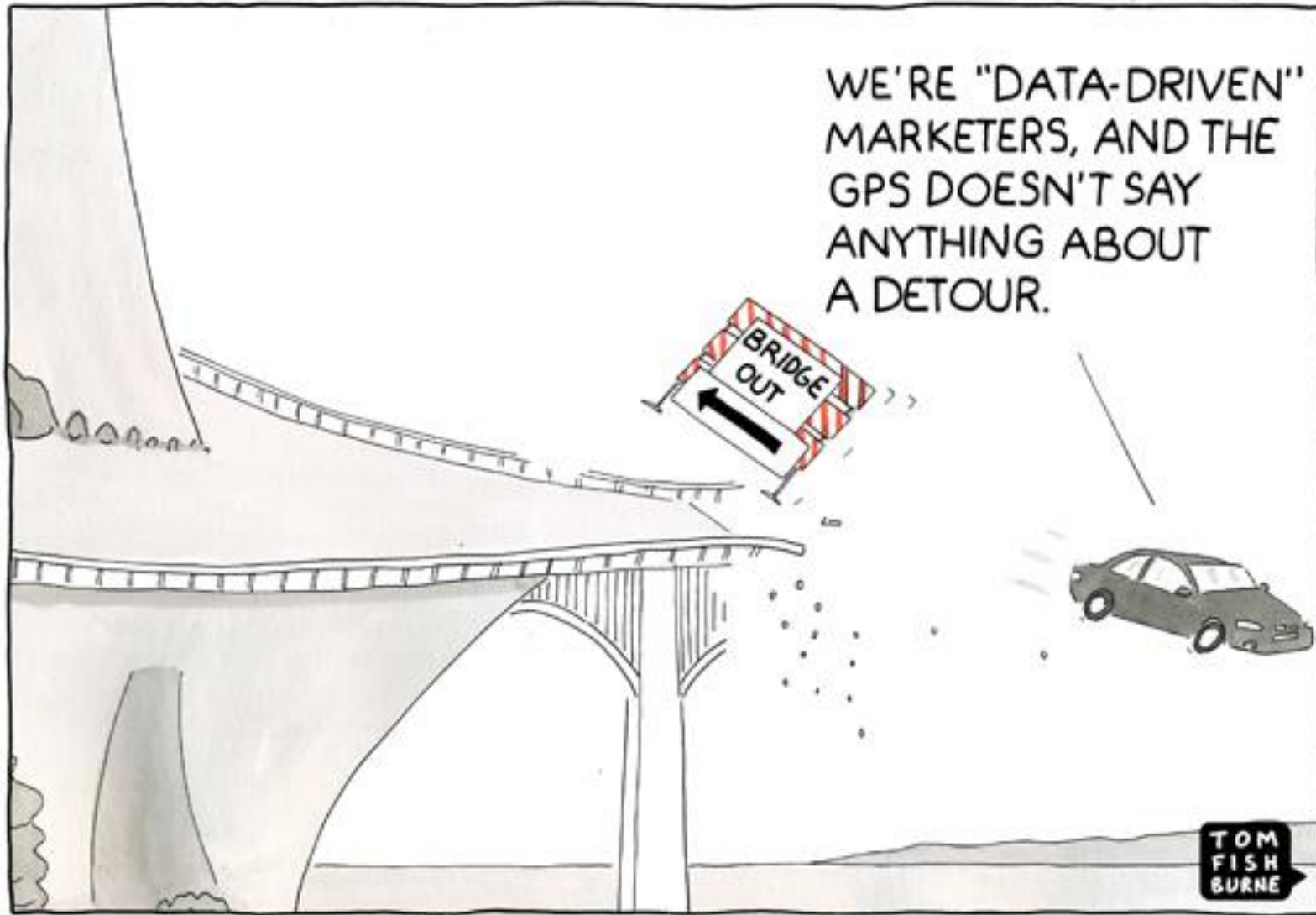
Rich Data vs BIG DATA

Health Screening Data
(530,000 employees underwent HSP)



- > 50,000 claims/month
- >70 OSH programs/year
- (>3,500 participants)
- **RM 1.164 billion/year**
Industrial Accident (2018)
- **RM 2.187 billion/year**
Invalidity (2018)

Preventive Approach > Corrective Approach

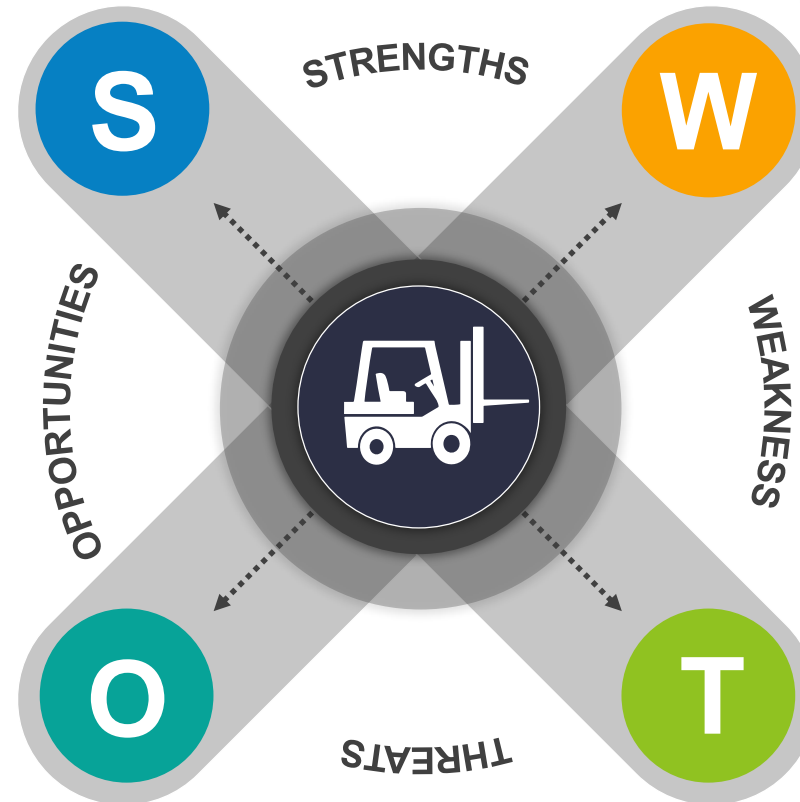


Strategic Planning

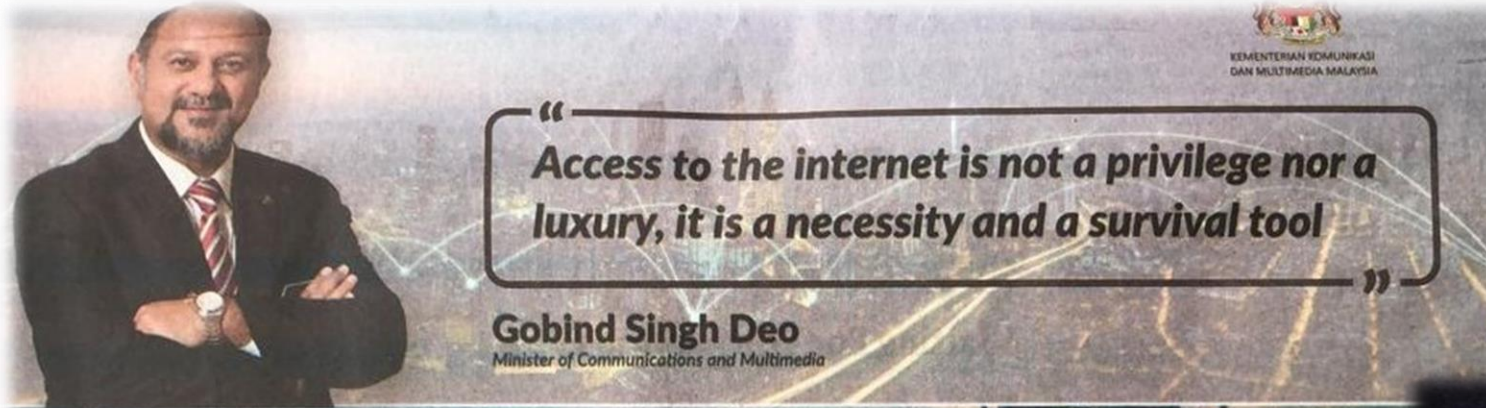




O1 : Gov. Policy
O2 : Technology
O3 : Accessibility



Government Policy



NFCP

It is a plan that aims to put in place robust, pervasive, high quality and affordable digital connectivity for the well-being of the people and progress of the country



Technology & Accessibility

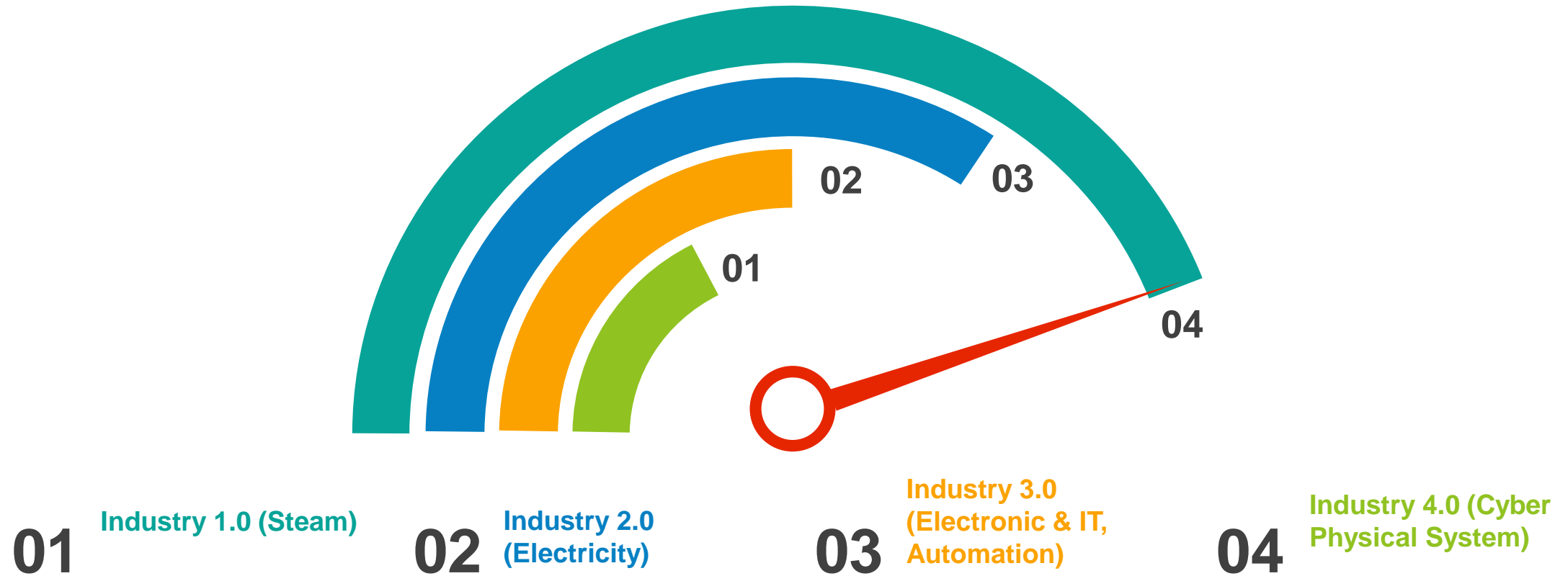


Big Data – OSH Planning

Mobile Apps

Monitoring Tools





BELANJAWAN
2020



Selasa, 16 Oktober 2018 - 7:33AM



BERITA SUKAN DUNIA HIBURAN BISNES RENCANA WANITA Hujung Minggu BH KAP SUL

BERITA > Nasional
Jumaat, 11 Oktober 2018 | 8:40pm



KETUA Pegawai Eksekutif PERKESO, Datuk Seri Dr Mohammed Azman Aziz Mohammed. - Foto: Muhamad Shahri Batri Saali

Belanjawan 2020 bantu PERKESO perluaskan jaringan perlindungan



Diah Mohamad Idris
rdia@bh.com.my

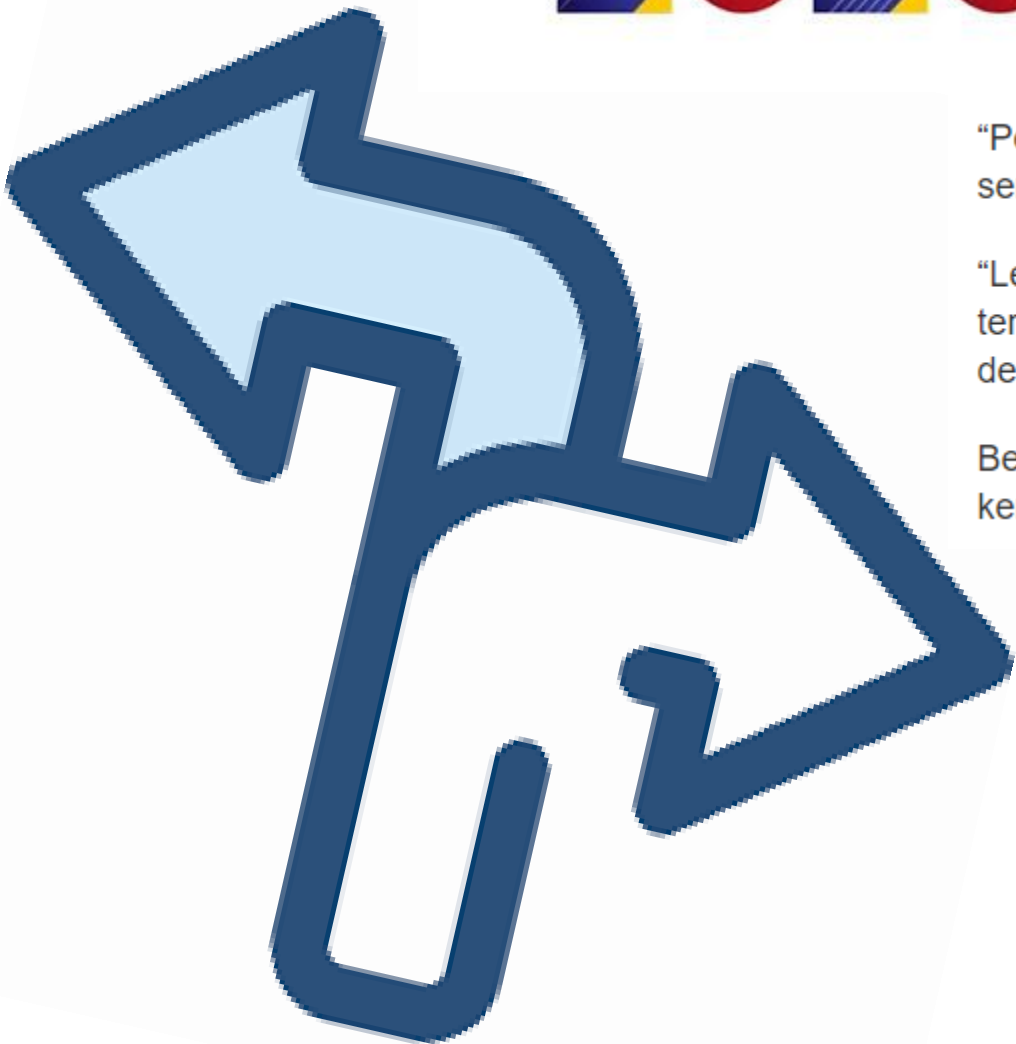
f Share t Tweet

KUALA LUMPUR: Belanjawan 2020 jelas menyokong usaha Pertubuhan Keselamatan Sosial (PERKESO) dalam meluaskan perlindungan sosial kepada mereka yang bekerja sendiri.

Ketua Pegawai Eksekutif PERKESO, Datuk Seri Dr Mohammed Azman Aziz Mohammed, berkata langkah itu bersesuaian dengan persiapan menghadapi Revolusi Industri ke-4 (IR 4.0) di mana lebih ramai pekerja terutama yang bekerja sendiri, diberikan perlindungan sosial.



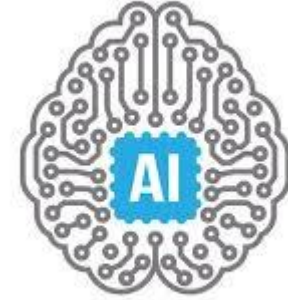
BELANJAWAN 2020



“Perluasan perlindungan sosial kepada 18 lagi bidang pekerjaan untuk mereka yang bekerja sendiri akan memperluaskan lagi jaringan keselamatan sosial.

“Lebih ramai lagi berpeluang menikmati manfaat perlindungan yang lebih sempurna, termasuk kepada golongan petani, nelayan penoreh dan sektor pekerjaan baharu sesuai dengan IR4.0,” katanya.

Beliau berkata, PERKESO mengalu-alukan Belanjawan 2020 dan berterima kasih kepada kerajaan atas tumpuan kepada keselamatan sosial rakyat dalam belanjawan kali ini.



BIG DATA



Strategic Approach



1. Leveraging data via Big Data Analytic
2. Improving resources:
Enabling better comprehension and understanding of the concepts of Industry 4.0
3. Field implementation:
Hands – on modules and mobile apps approach





- Multimedia approach at your finger tips

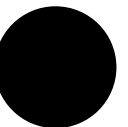


Health
Screening
Program

HSP

Program Saringan Kesihatan PERKESO

- Since 2013
- 40 years & above
- SOCSO Contributors
- Free Health Screening Programme (HSP)



- Data Entry
- Panel Clinic Registration
- Panel Lab Registration
- Panel Mamogram Centre Registration



SOCSSO Health Screening Programme

Voucherless

Please be informed that employees will be **able** to check the eligibility of the HSP vouchers via SMS starting September 29, 2018.



Employees will need to present their IC and voucher numbers received by SMS upon making their health screening at any HSP Panel Clinic.
Do note that physical HSP vouchers are still valid.

For further information, please do not hesitate to contact HSP Hotline at 03-4264 5089 or 03-4252 1258/4475/4476 or email to hsp@perkeso.gov.my.

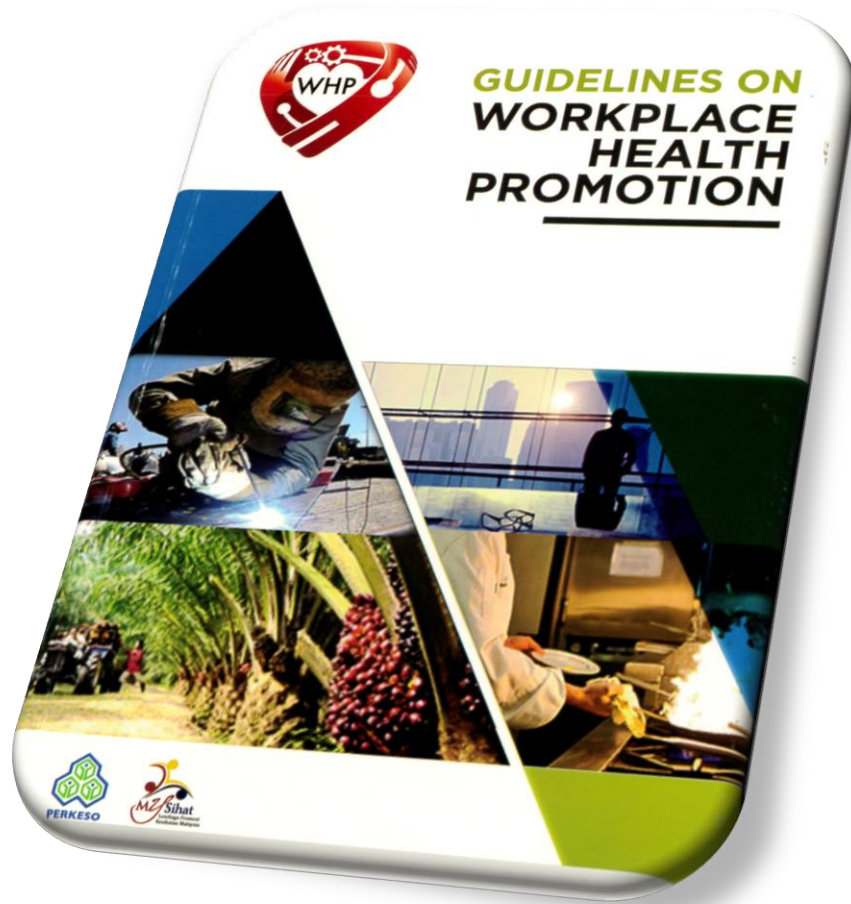


KOMUNITI SIHAT
PERKASA NEGARA
[KOSPEN]



KOSPEN
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Begin With Your First Step





SEGAR



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ACTIV@WORK CHALLENGE 2018

BE THE MOST ACTIVE WORKPLACE IN MALAYSIA!

4 EASY STEPS TO ACTIVATE THE APP

STEP 1



Download BookDoc App via
GET IT ON Google Play Download on the App Store

STEP 2



Register for new user
or Sign In for existing user

STEP 3



Go to 'Menu', select 'Promotion'
and Enter Promo Code

STEP 4



Select 'Activ', synchronize with activity tracker,
and start walking

GENERAL INQUIRIES

Perkeso Hotline - 03 4264 5089 or 03 4252 1258/4475/4476
Perkeso email - activatwork_sec@perkeso.gov.my

TECHNICAL INQUIRIES

BookDoc Hotline - 1300-88-2362
Bookdoc email - activatwork@bookdoc.com

For more information about format of the challenge, please visit us at activatwork.perkeso.gov.my



A Partner of
VISION ZERO
Safety, Health, Wellbeing.



ACTIV@WORK CHALLENGE 2019

BE THE MOST ACTIVE WORKPLACE IN MALAYSIA!

ENROL NOW

YOU ARE INVITED TO PARTICIPATE
TO PROMOTE ACTIVE LIVING AMONG YOUR WORKERS

CHALLENGE PERIOD: 1 OCTOBER - 31 DECEMBER 2019

CATEGORY OF WINNERS

- 1 Ruby
- 2 Emerald
- 3 Sapphire
- 4 Amethyst
- 5 Government

BENEFITS:

1. Free registration at activatwork.perkeso.gov.my
2. Free Media Coverage for the winning companies and employees
3. Show that you care for your employees' health and wellbeing
4. Free nutritional and health advice for those who participate in the challenge

GENERAL INQUIRES

PERKESO Hotline - 03 42645089 or 03 42521258/4475
PERKESO Email - activatwork_sec@perkeso.gov.my

BOOKDOC TECHNICAL SUPPORT:

BookDoc Hotline - 1300 88 2362
BookDoc Email - activatwork@bookdoc.com

For more information about format of the challenge, please visit us at activatwork.perkeso.gov.my



A blue wireless signal icon consisting of three curved lines and a central dot.

Conclusion

A teal-colored background featuring a white silhouette of an industrial facility with several smokestacks and buildings.

“I hope that the advancement in connected safety technology enables businesses to protect workers more effectively and help them achieve a competitive advantage by reducing safety management-related costs.”

(TS Lee Lam Thai, Chairman NIOSH)



Thank You

Find me @ hazimi.hamzah@perkeso.gov.my