

INDUSTRIAL SKILLS FRAMEWORK

NEWSLETTER

VOL. 21 • JUNE 2022



EDITOR'S NOTE

We are officially halfway through 2022! Now is a great time to reflect on our achievements for the past six months. The Industrial Skills Framework Unit has driven the development and enhancement of IndSF document for six industries. We are committed towards supporting the industry to identify in-demand skills and training programmes required by the industry. In June, we conducted a series of workshops with subject matter experts to develop and enhance the following IndSF documents - Agriculture Industry [Oil Palm Plantation], Food & Beverages [Food Manufacturing], Textile & Apparel Manufacturing, Digital Technology [Artificial Intelligence], Machinery & Equipment [Welding], and Oil, Gas & Energy. On another note, we are also delighted to announce the establishment of the Sectorial Training Committee (STC) which acts as an advisory and consultative committee to HRD Corp regarding the training needs of the industry. We would like to take this opportunity to extend our deepest appreciation to our industry partners and collaborators for their continuous support in addressing the industry's human capital development needs.

INDUSTRIAL SKILLS FRAMEWORK

NEWSLETTER

VOL. 21 • JUNE 2022

WHAT'S INSIDE?

EDITOR'S NOTE 1

DEVELOPMENT: INDSF 2022 3

ENHANCEMENT: INDSF 2022 4

SECTORIAL TRAINING COMMITTEE 5

PHOTO GALLERY 7

PUBLISHED INDSF DOWNLOAD STATISTICS 8

DEVELOPMENT: INDUSTRIAL SKILLS FRAMEWORK 2022

AGRICULTURE INDUSTRY - OIL PALM PLANTATION



The development of IndSF document in agriculture industry focuses on oil palm plantation with a total of five sub-focus areas; nursery, replanting, field maintenance, harvesting and drone technology. In June, the unit conducted a number of engagement sessions with the appointed collaborators. The first workshop for the sub-group of drone technology was held on 23rd June 2022. In addition, from time to time, the IndSF Unit also seeks advice from the collaborators to suggest potential subject matter experts that can assist in the development of the document.

FOOD & BEVERAGES INDUSTRY - FOOD MANUFACTURING



In June, the IndSF Unit conducted the first workshop of IndSF Food & Beverages- Food Manufacturing on 17th June 2022. There are eight sub focus areas that have been identified; supply chain, procurement, halal, quality assurance, research & development, manufacturing, safety & health, and human resources. The IndSF Unit worked closely with three main collaborators: Federation of Malaysian Manufacturers (FMM), Ayamas Food Corporation Bhd (AYAMAS) and Jabatan Kemajuan Islam Malaysia (JAKIM) to ensure that the IndSF document meets all industry requirements.

TEXTILE & APPAREL INDUSTRY - MANUFACTURING



IndSF Textile & Apparel - Manufacturing focuses on textile and apparel, comprises 112 identified job roles. In June, the first workshop for six sub-focus areas; upstream, machinery, fabric formation (printing), fabric formation (weaving), fabric formation (knitting), and fabric production (production QC), were conducted. The IndSF Unit has also been continuously conducting engagement sessions from time to time with collaborators such as the Malaysian Textile Manufacturers Association (MTMA) and Malaysia Knitting Manufacturers Association (MKMA), to seek for additional subject matter experts that can help ensure the accuracy and reliability of the working document.

ENHANCEMENT : INDUSTRIAL SKILLS FRAMEWORK 2022

MACHINERY & EQUIPMENT INDUSTRY - WELDING



To ensure the IndSF documents remain relevant to the industry, the published documents will be periodically reviewed by the subject matter experts. The enhancement of the IndSF for machinery & equipment this year focuses on the welding field. In June, two workshop sessions were conducted with input given by 20 subject matter experts of the industry. In addition, they are divided into three sub-focus areas namely welding practitioner, welding inspection and welding coordination. The third workshop is expected to be held in the second week of July.

OIL GAS & ENERGY INDUSTRY



The first document of IndSF Oil, Gas & Energy was published on 17th March 2020. For the enhancement edition, the collaborators and subject matter experts have decided to focus on maintenance, turnaround and project for onshore facilities and downstream plants. The unit has been working closely with Petroliaam Nasional Berhad (PETRONAS) and The Malaysian Oil & Gas Services Council (MOGSC) to identify qualified subject matter experts to enhance the document.

DIGITAL TECHNOLOGY - ARTIFICIAL INTELLIGENCE

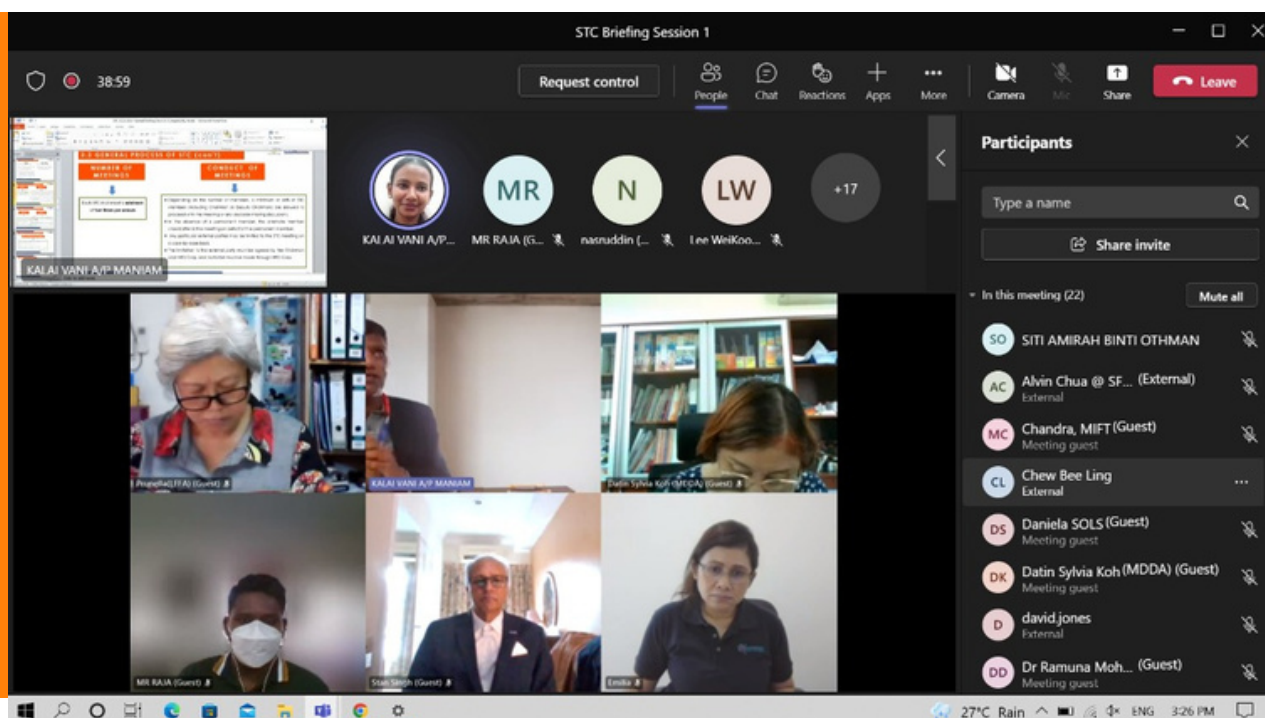


Since 2019, the unit has collaborated with Malaysia Digital Economy Corporation (MDEC) and The National Tech Association of Malaysia (PIKOM). Through this collaboration, we have published nine sub-focus IndSF documents under digital technology segment. As for this year, we added a new collaborator, Malaysia Productivity Corporation (MPC), to incorporate artificial intelligence (AI) as the focus area in the document. To that end, we conducted the first workshop on 15th June 2022.

SECTORIAL TRAINING COMMITTEE

The Sectorial Training Committee (STC) was established as an advisory and consultative committee to HRD Corp. It will provide insights into the training needs and requirements of various industries. We will be establishing **27 STCs comprising 238 sub-sectors** soon. The main objectives of the STC are:

1. To assist in establishing the Industrial Skills Framework (IndSF)
2. To recommend industry-based recognition and certification
3. To advise on studies of high level strategic orientation and activities of the industry where necessary



The establishment of STCs will enable further discussion on the training needs and in-demand programmes for the respective sub-sectors. In addition, the STC will also enable HRD Corp to play a better role in driving the development of Malaysia's current and future workforce. This is in line with the nation's pursuit of becoming a high income and developed economy. The IndSF unit has conducted a series of briefing sessions from 20th - 24th June 2022 to explain the roles and responsibilities of committee members to the nominees. The first kick off of the official STC meeting is tentatively scheduled to be held in the third quarter of 2022.

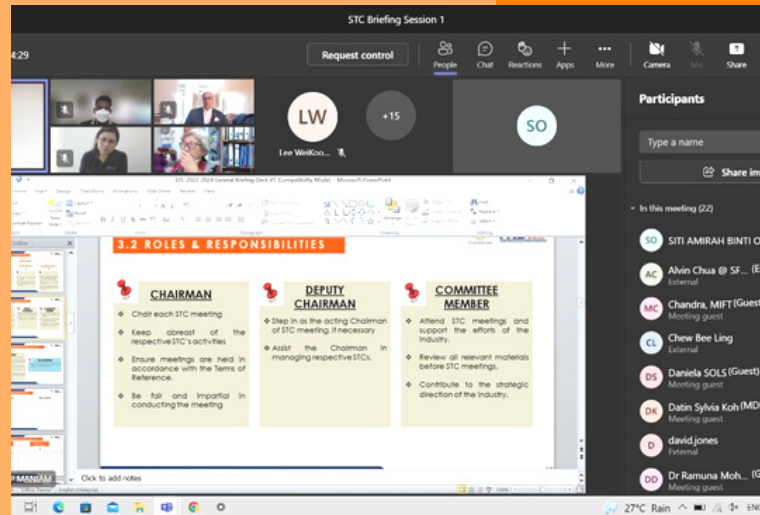
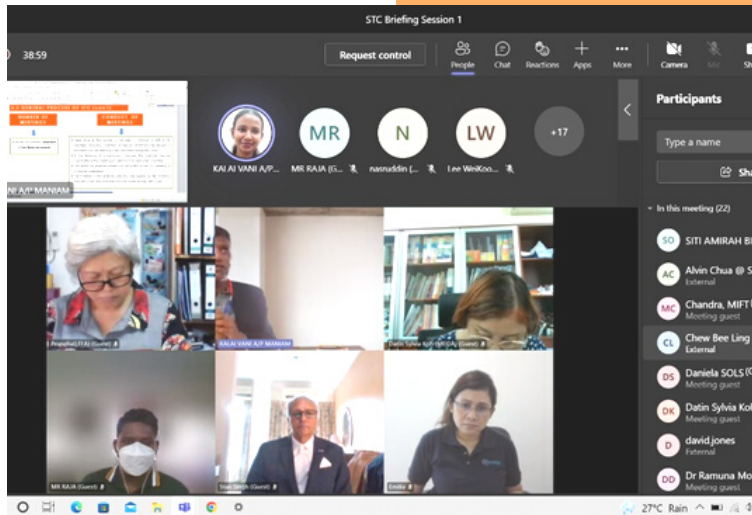
PHOTO GALLERY



Workshop No. 1/2022 IndSF Digital Technology - Artificial Intelligence



Engagement Session with Board Members of Incorporated Society of Planters (ISP) for IndSF Agriculture-Oil Palm Plantation



Sectorial Training Committee (STC) Briefing Session



Engagement Session with BKKM under Ministry of Health on the development of IndSF Food & Beverages - Food Manufacturing

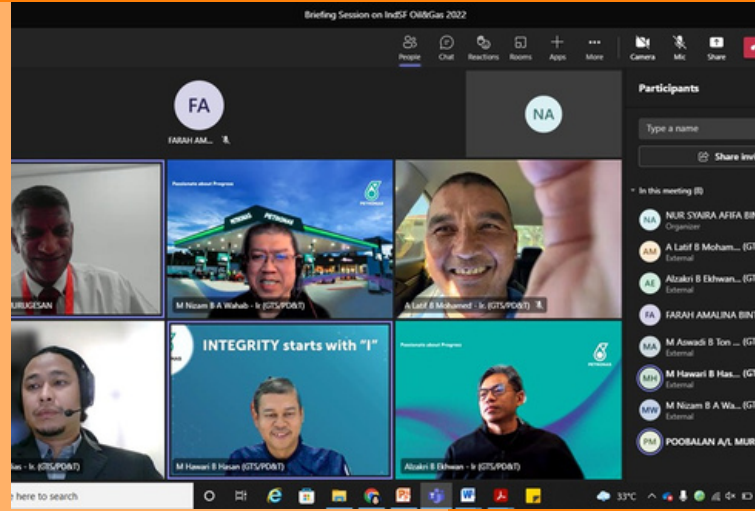


Briefing Session with Subject Matter Experts: IndSF Digital Technology - Artificial Intelligence

PHOTO GALLERY



Meeting with Malaysia Productivity Corporation (MPC) on Community Skills Framework (CommSF)



Briefing Session with Subject Matter Experts on the Enhancement of IndSF Oil, Gas & Energy



Workshop Session No.1/2022: IndSF Textile & Apparel- Manufacturing



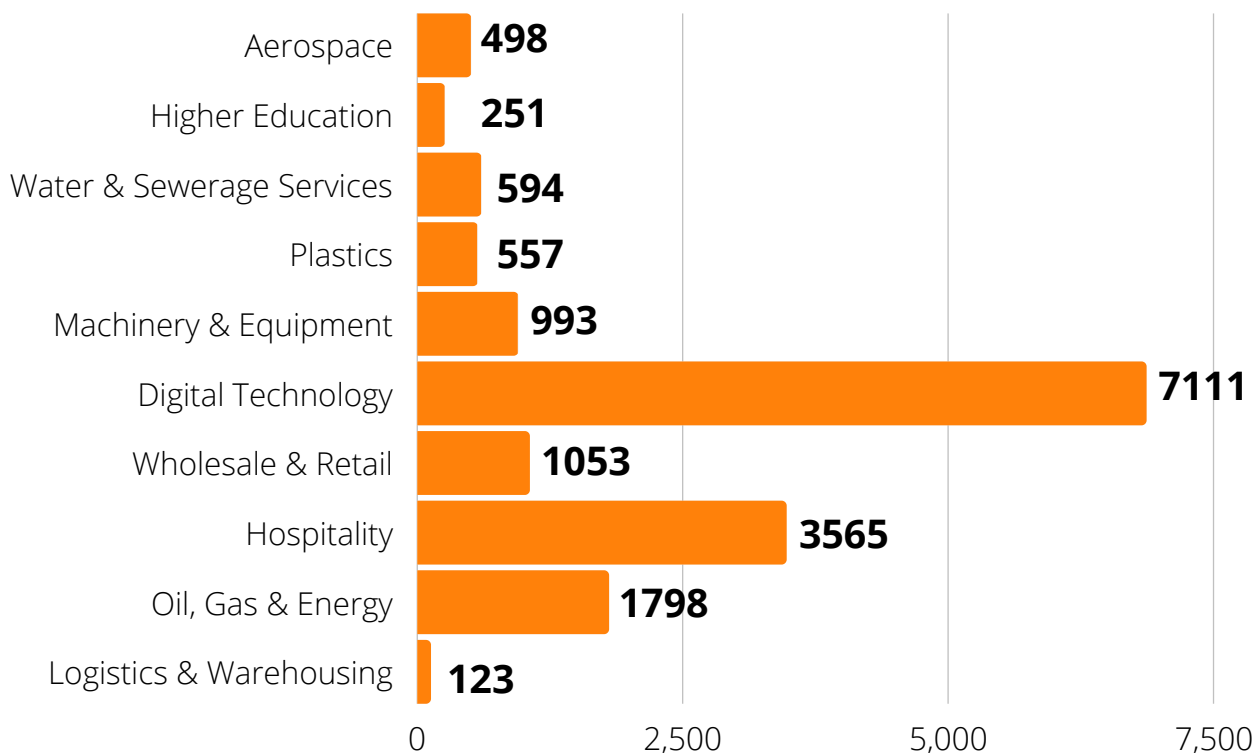
Workshop Session No.1/2022: IndSF Food & Beverages - Food Manufacturing



Workshop Session No.1/2022: IndSF Agriculture- Oil Palm Plantation [Drone Technology]



PUBLISHED INDSF DOWNLOAD STATISTICS



Accumulated Number of Downloads Until 20 June 2022

IndSF documents are readily available on the HRD Corp website (<https://hrdcorp.gov.my/indsf/>). The IndSF Unit has been keeping track of the number of downloads, and there has been a steady increase from previous months for each of the published industry documents. The IndSF Unit is looking towards engaging with and promoting the document to the public to create awareness of the documents' importance and its relevance to Malaysia's human capital development. We will also continue to work with industries to develop more IndSF documents in the coming years.

www.hrdcorp.gov.my



DELIVERING QUALITY, DEVELOPING EXCELLENCE