

INDUSTRIAL SKILLS FRAMEWORK NEWSLETTER

WHAT'S INSIDE?

Highlight of the month

IndSF Development 2022

IndSF Enhancement 2022

Sectorial Training Committee 2022

Download Statistics of Published IndSF

EDITOR'S NOTE

The IndSF Team has put their heart and soul for the past ten months into making sure that the Industrial Skills Framework (IndSF) documents are solid and comprehensive.

For this issue, let's look at the progress of both IndSF Development in Agriculture, Textile Manufacturing, and Food & Beverage, and IndSF Enhancement in Digital Technology, Machinery & Equipment, and Oil, Gas & Energy.

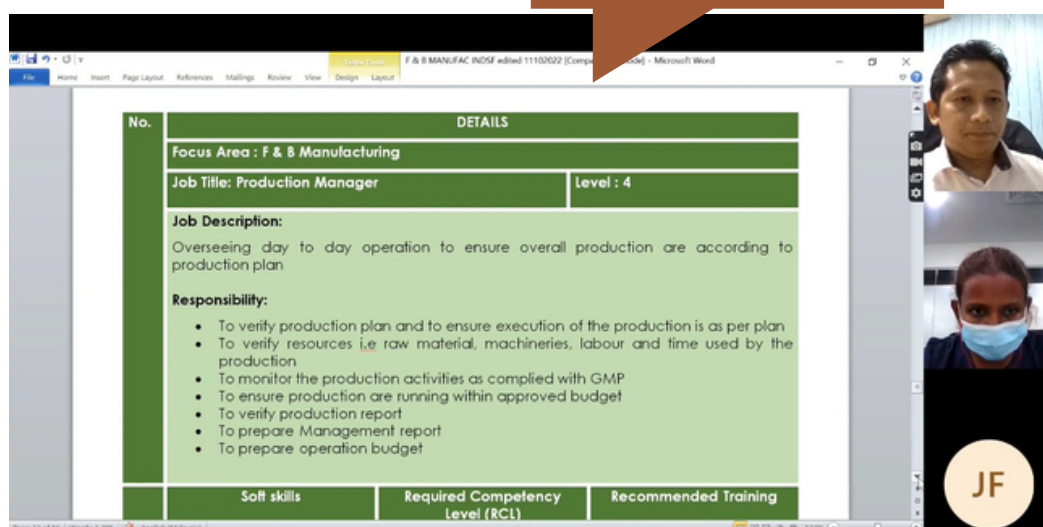
Development of IndSF Document

FOOD & BEVERAGE MANUFACTURING

6 OCTOBER 2022



14 OCTOBER 2022



Two workshops were held for IndSF Food & Beverage Manufacturing, on the 6th of October 2022 as a face-to-face meet up and on the 14th of October 2022 as an online session. This is to further refine the Job Descriptions (JD) under the Food Production focus area and ensure that the information captured are accurate, comprehensive and relevant to current needs.

DEVELOPEMENT of IndSF Document

AGRICULTURE – OIL PALM PLANTATION

IndSF Agriculture - Oil Palm Plantation comprises five focus groups: Nursery, Replanting, Upkeep & Field Maintenance, Harvesting, and Drone Technology. In October, the last workshop for the Replanting focus group was conducted to further refine and clarify the certification courses needed for job positions under Replanting. IndSF Agriculture - Oil Palm Plantation will be headed towards the validation and endorsement session soon.

Through engagement with various subject matter experts, we have identified that many job positions are taken away by Drone Technology. However, we have also discovered an upcoming new field that can be explored in the near future.



REPLANTING GROUP

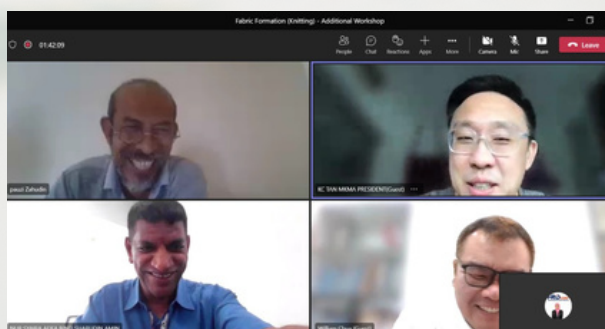
DEVELOPEMENT of IndSF Document TEXTILE -MANUFACTURING

We conducted various additional workshops for IndSF Textile Manufacturing on the 12th, 13th, 14th, and 25th of October 2022. This is to further refine the content based on comments and feedback by validators during a validation session on Machinery, Fabric Formation (Weaving Manufacturing), Fabric Formation (Knitting) and Fabric Formation (Printing), respectively.

The secretariat members are currently refining and preparing the document for the endorsement session.



**MACHINERY - ADDITIONAL WORKSHOP
12/10/2022**



**FABRIC FORMATION (KNITTING) - ADDITIONAL
WORKSHOP - 14/10/2022**

**INDSF TEXTILE INDUSTRY - MANUFACTURING
WORKSHOP 4 - 25/10/2022**



ENHANCEMENT of IndSF Document

OIL, GAS & ENERGY

IndSF Oil, Gas & Energy has reached another milestone after completing the Endorsement session on 17th October 2022 at KLCC with two collaborators, including PETRONAS and the Malaysian Oil & Energy Service Council. The collaborators are happy and satisfied with the outcome and has deemed the document ready for publishing.

The group of subject matter experts have identified 33 job positions including 108 technical skills training, 51 soft skills and 107 certification programmes needed for the respective job positions.



ENHANCEMENT of IndSF Document

DIGITAL TECHNOLOGY - ARTIFICIAL INTELLIGENCE

A validation briefing was conducted on the 17th of October 2022 virtually for IndSF Digital Technology. There are two more sessions left, Validation and Endorsement, before proceeding to the approval and publishing of the document.

17TH OCTOBER 2022

AutoSave • IndSF DT - AI/ML DRAFTS Mr. Shaifu • Compatibility Mode • Saved to this PC • JEREMIAH FERNANDEZ

File Home Insert Draw Design Transitions Animations Slide Show Record Review View Help

Clipboard New Slide Slides

Font Paragraph Drawing Editing Voice Designer

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Click to add notes

ASSOCIATE AI/ML ENGINEER - JOB DESCRIPTION

- Assists in the definition and management of requirements.
- Assist in developing and implementing data pipelines and data stores.
- Performs administrative tasks to provide accessibility, retrievability, security and protection of data.
- Applies given machine learning techniques to data, under the guidance of technical leadership.
- Analyses and reports findings and remediates simple issues using algorithms implemented in standard software frameworks and tools.
- Under guidance, applies given data science techniques to data.
- Designs, codes, verifies, tests, documents, amends and refactor simple to moderate programs/scripts.
- Applies agreed standards and tools to achieve a well-engineered result.
- Monitor and reports on progress.
- Identifies issues related to software development activities. Proposes practical solutions to resolve issues.
- Collaborates in reviews of work with others as appropriate.
- Establishes, modifies or maintains simple data structures and associated components.
- Applies standard data modelling and design techniques based upon a detailed understanding of requirements.
- Communicates the details of data structures and associated components to others using the data structures and associated components.
- Uses a visualisation product, as guided, to design and create data visuals. Engages with the target user to prototype and refine specified visualisations.

JF PM

SECTORIAL TRAINING COMMITTEE (STC)

The Sectorial Training Committee (STC) was established in April 2022 as an advisory and consultative committee to HRD Corp. They provide insights into the training needs and requirements of various industries. We will be establishing 28 STCs for these main objectives:

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

As of October 2022, 15 STCs have been approved and formed. We look forward to work closely with STC members from all 28 Sectors.

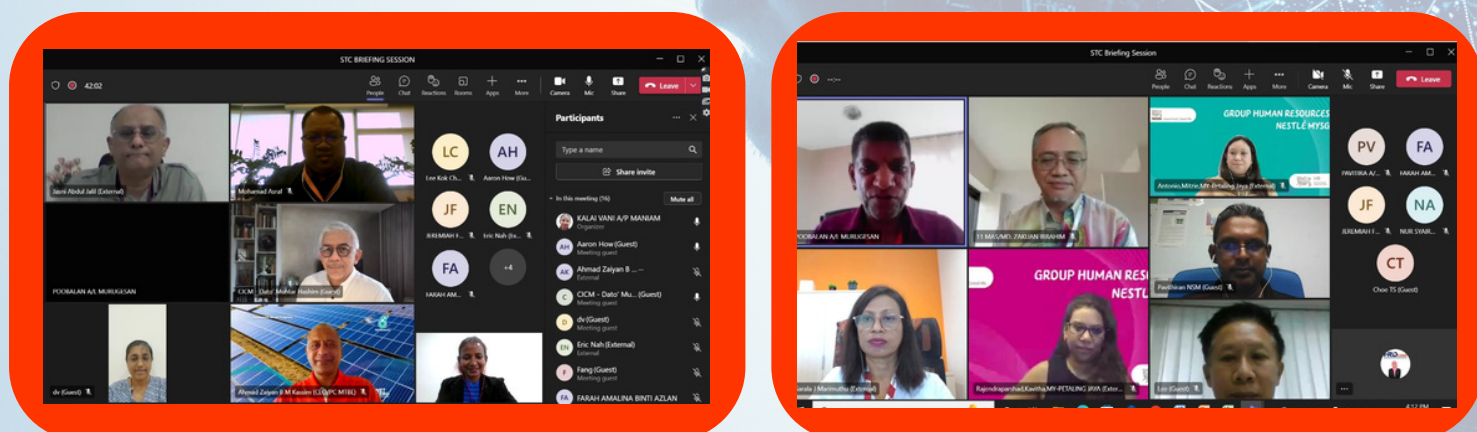
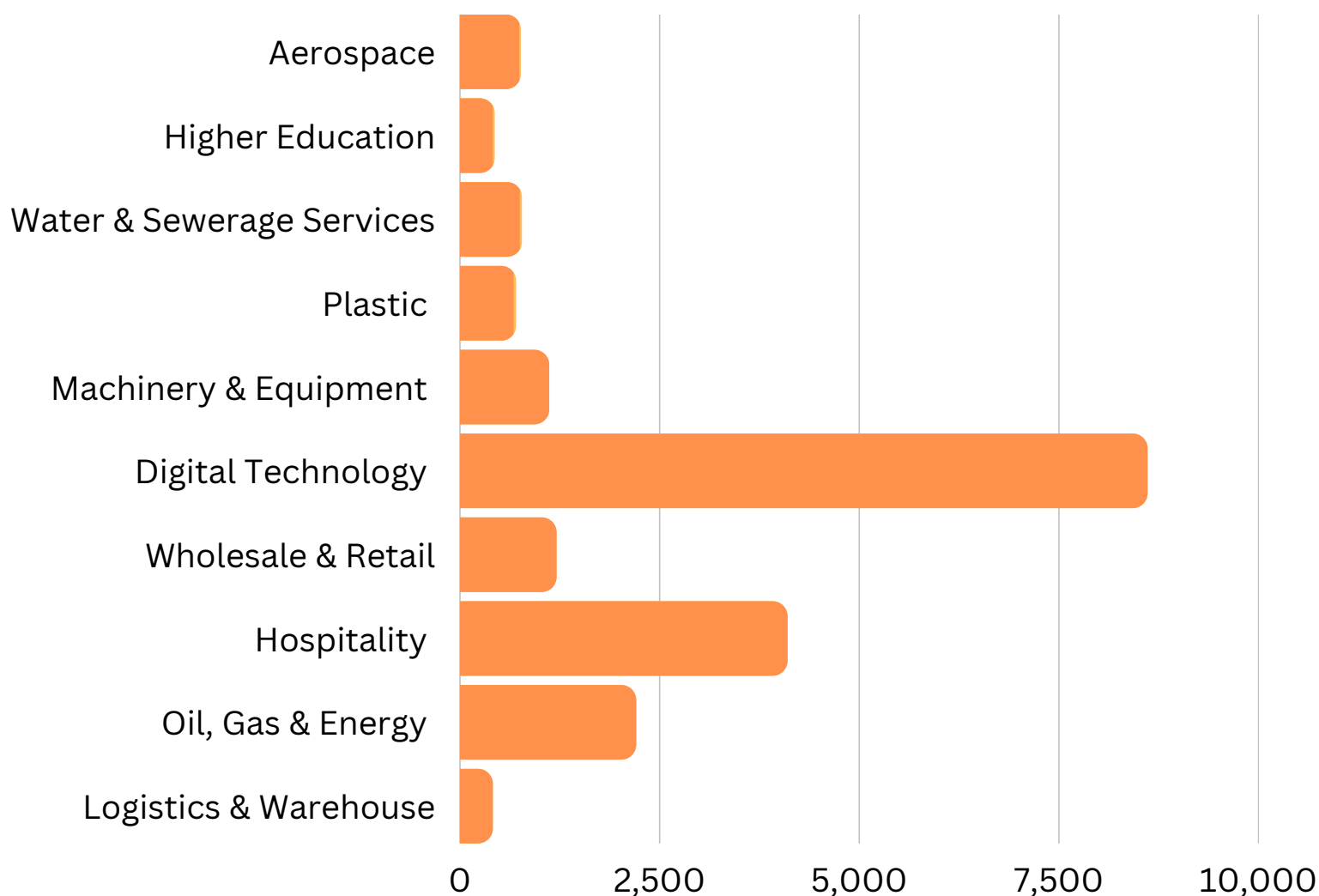


Image: STC Briefing Session conducted last October 2022

DOWNLOAD STATISTICS OF PUBLISHED INDSF



Accumulated number of downloads until 11 November 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 documents to the public to increase awareness of their importance and relevance to Malaysia's human capital development. We will also continue to work with industries to develop more IndSF documents in the coming years.

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