



COPMOS -Construction Personnel Modelling System

IP NO. LY2018005918



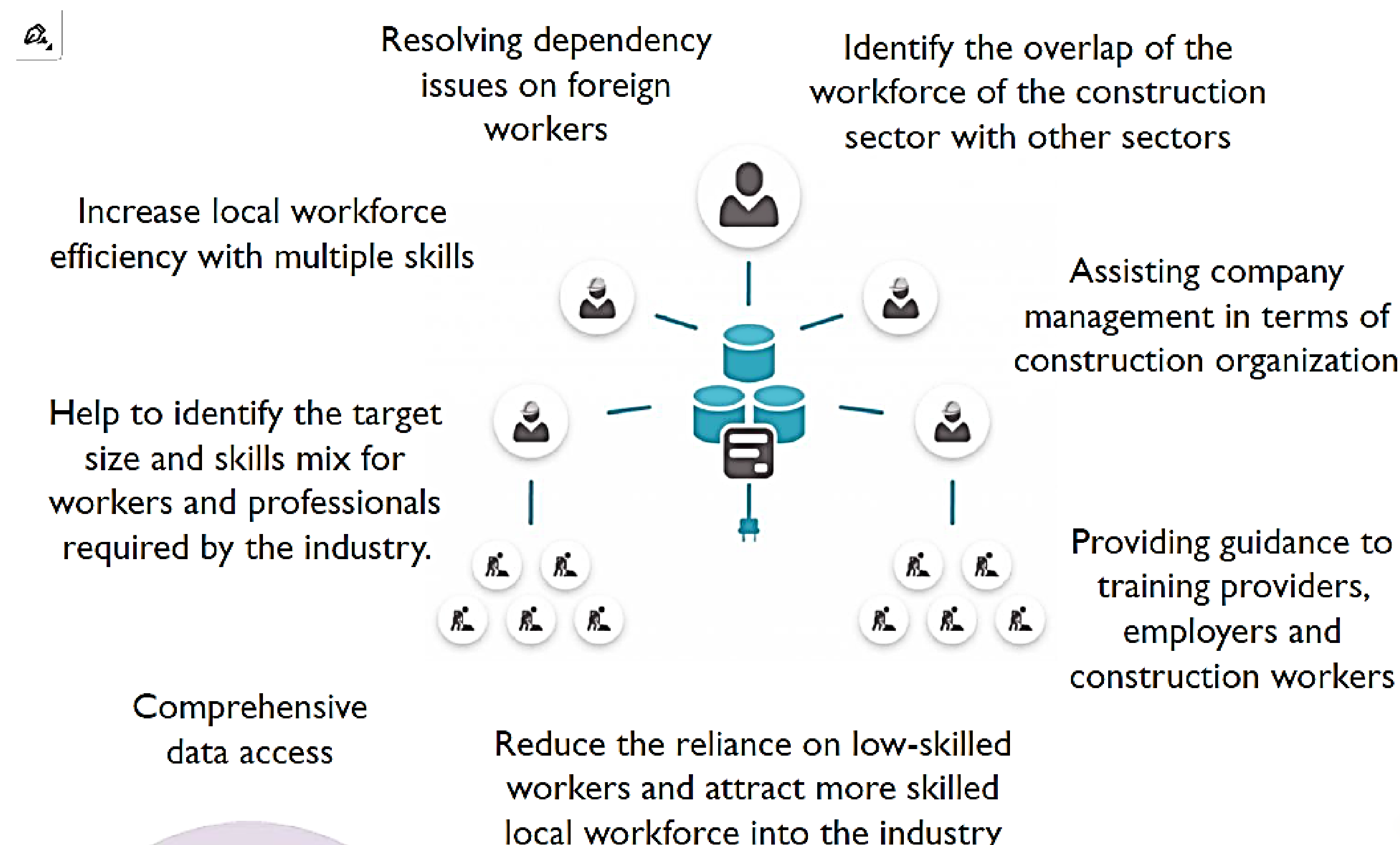
Gold Medal Edunovation Carnival:
Transformation towards Entrepreneurial Mind set,
Digital World Innovation Category (National Level).

TECHNOLOGY

Construction Personnel Modelling System (is developed as a guideline to forecasted the demand and supply of personnel in Malaysia's construction sector classified into Malaysia Standard Classification of Occupations (and Act 520 CIDB until 2020 by mapping 112 Occupation types of MASCO 4 digit and 86 Tred in the construction industry.

COPMOS is one of the most important system helps the industry estimate more accurate, medium and long term forecast employment demand data using the first projection method This system can solve the problems faced by the construction industry in handling the number of foreign workers

- Resolving dependency issues on foreign workers.
- Identify the overlap of the workforce of the construction sector with other sectors.
- Increase local workforce efficiency with multiple skills.
- Assisting company management in terms of construction organization.
- Identify best construction worker management techniques.
- Understanding industry in the use of state-of-the-art construction technology towards industry 4.0.
- Comprehensive data access.
- Providing guidance to training providers, employers and construction workers.
- Help to modernize the construction industry to be competitive
- Fast and easy calculation.
- Help to identify the target size and skills mix for workers and professionals required by the industry.
- Reduce the reliance on low-skilled workers and attract more skilled local workforce into the industry.



TRL : 5 – Validation in real environment



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