

HONG KONG MOULD & DIE COUNCIL REPORT 2021



香港工業總會轄下  A FHKI Council

Mr Felix CHOI

15 Dec 2021

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Introduction of FHKI

香港工業總會簡介



香港工業總會
FHKI Federation of
Hong Kong Industries

Established under [the Federation of Hong Kong Industries Ordinance \(Cap 321 of the Laws of Hong Kong\)](#) in 1960.

- More than [2,000](#) Members
- 32 Groups + [PRD Council](#) (Pearl River Delta) & HK Startup Council
- HKMDC as [Industry Group 14](#) of FHKI

FHKI Chairman 21-23
Dr Sunny Chai



Executive Deputy Chairmen 21-23



Introduction of HKMDC

香港模具協會簡介

- Established in 1989
- Over **140 company members**
- **5 Major Executive Committees**
 - ◆ Membership Relations Committee
 - ◆ Technology & Education Committee
 - ◆ Overseas Affairs Committee
 - ◆ Hong Kong & Mainland Affairs Committee
 - ◆ Public Communication & Exhibition Committee

HONORARY PRESIDENTS



Honorary President
Mr. Cliff Sun, BBS, JP
Kinnox Enterprises Ltd



Honorary President
Mr. Edward Y.S. Lai
Nauticam International Ltd.



Honorary President
Mr. To Wai Hung
Fullmarks Metal Technology
Company Ltd.



Honorary President
Dr. Jack Yeung



Chairman
Mr. Felix Choi
Hongkita Mold Ltd.



Vice-chairman
Ms. Maggie Tsai
Kenta Enterprise Co. Ltd.



Convener
- Overseas Affairs Committee
Mr. Joseph Yip
Glory Hill International Enterprise Ltd.



Convener
- Public Communications &
Exhibition Committee
Mr. Eddie Wong
Liao Chi Moulding Co. Ltd.



Convener
- Membership Relations Committee
Mr. To Wai Hung
Fullmarks Metal Technology
Company Ltd.



Convener
- Hong Kong & Mainland
Affairs Committee
Mr. H.C. Li
Shun Hing Industrial International Ltd.



Convener
- Technology & Education
Committee
Mr. Alfred Au
Springfield CMF Technology Co. Ltd.



Introduction of HKMDC

香港模具協會簡介

*Go Beyond the Norm,
Be Innovative and Upgraded*

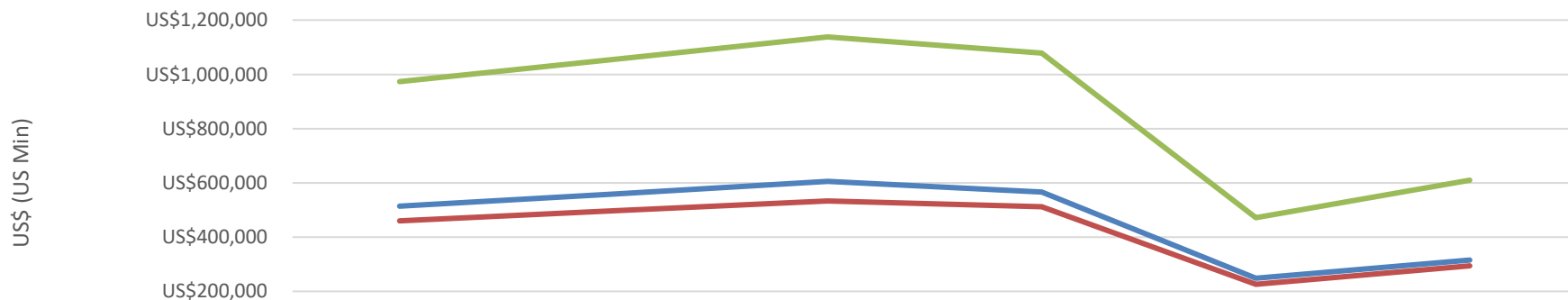
跨越常態 創新增值

Hong Kong Economic Statistics Summary

香港經濟數據撮要

External Merchandise Trade Aggregate Figures

對外商品貿易總計數字



	2016	2017	2018	2019	2020 Jan - Jun	2021 Jan - Jun
Imports 進口	US\$513,895	US\$558,590	US\$605,308	US\$566,383	US\$248,531	US\$315,541
Total Exports 整體出口	US\$460,032	US\$496,910	US\$533,091	US\$511,963	US\$226,190	US\$294,413
Total Trade 貿易總額	US\$973,927	US\$1,055,500	US\$1,138,398	US\$1,078,346	US\$474,721	US\$609,954

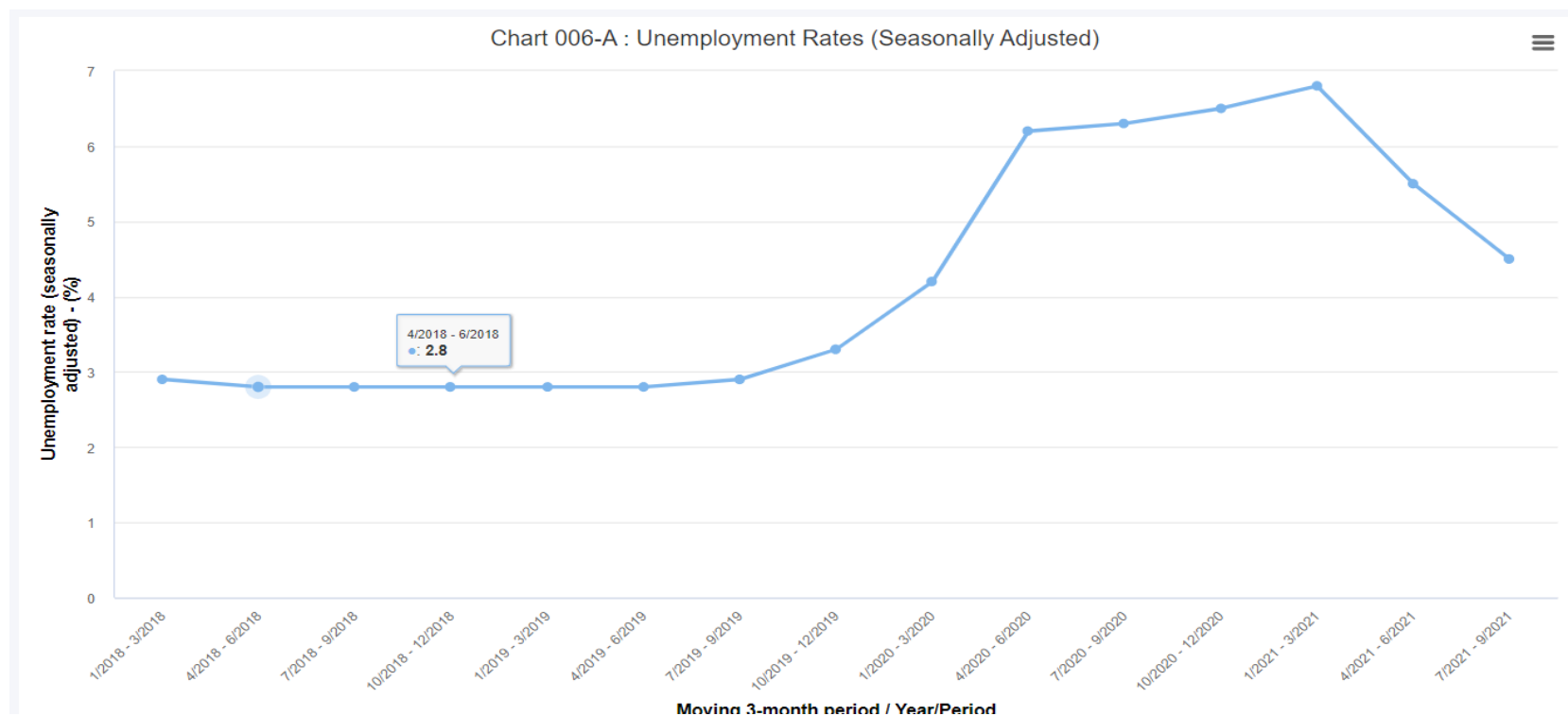
Trade Type	Year	Statistics	2020 Jan – Jun VS 2021 Jan - Jun
Imports 進口	Value (Monthly) (US\$ Mn)	貨值 (按月) (百萬美元)	+21%
Total Exports 整體出口	Value (Monthly) (US\$ Mn)	貨值 (按月) (百萬美元)	+23%
Total Trade 貿易總額	Value (Monthly) (US\$ Mn)	貨值 (按月) (百萬美元)	+23%

Hong Kong Economic Statistics Summary

香港經濟數據撮要

Unemployment rate

失業率



Hong Kong Economic Statistics Summary

香港經濟數據撮要

Technology Development Statistics

研究及發展數據撮要

Research and Development (R&D)	2016	2017	2018	2019
Gross domestic expenditure on R&D (US\$ million) 本地研發總開支 (百萬美元)	2,533.8	2,735.2	3,146.2	3,384.5
Ratio of gross domestic expenditure on R&D to GDP(%) 本地研發總開支相對本地生產總值的比率 (%)	0.79 @	0.80 @	0.86 @	0.92@
No. of R&D personnel (in full-time equivalent) 研發人員數目(相當於全日制的人數計算)	31,282	32,355	33,577	35,416

**2021 HKSAR Policy Address – HK is developing into an
International Innovation and Technology Hub**

Re-industrialisation Policy

香港再工業化政策

International Innovation and Technology Hub

Eight-pronged Approach to Promote Innovation and Technology Development

**US\$16.8
billion**
commitment

- Infrastructure
- Talent
- Legislation/ Regulation
- Government Procurement
- Research & Development
- Investment
- Open Data
- Tech Culture



Policies:

- 1) Planning for the construction of the 2nd Advanced Manufacturing Centre
- 2) Providing universities with land for research use
- 3) Strengthening the development of life and health technology

HKMDC Survey Result on members' operational changes under pandemic

問卷結果以了解會員於疫情下的經營變化



HKMDC invited members to take part in a group interview and questionnaire to understand their operational changes under the new normal of the pandemic in the past two years.



Increase in costs



Production Increase

For More :



The way out for Hong Kong Mould & Die Industry under COVID-19

香港模具業下的出路



For More :



✓ Digital Management

- a) Adopt more digital tools, e.g. ERP, MES and PLM systems

✓ Accelerating Smart Manufacturing Practice

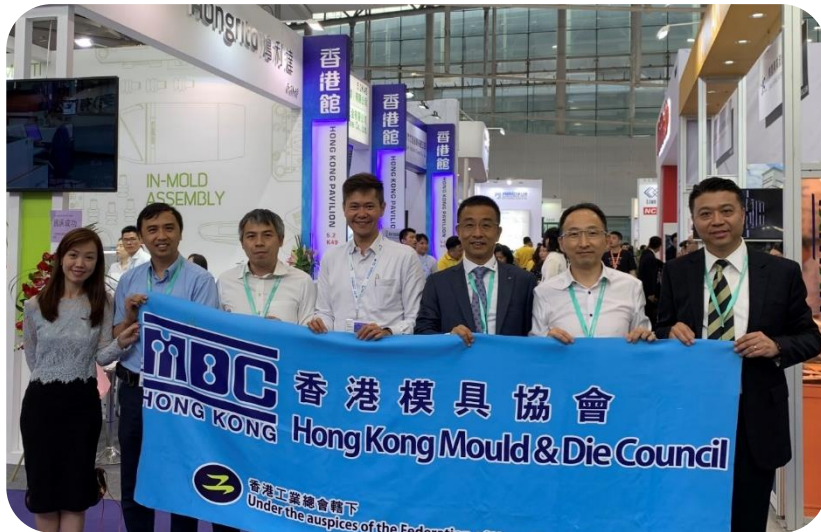
- a) Achieve Industry 4.0

✓ Re-structuring of Global Supply Chain

- a) Reduce the risk to protect the productivity

HKMDC Activity Highlights

協會活動



◀ **Hong Kong Pavilion in CHINAPLAS
April 2021**
(Shenzhen, China)

**Online Career Talk with
Vocational Training Centre
Jun 2021**
(Hong Kong)



HKMDC Activity Highlights

協會活動

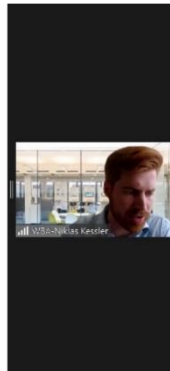
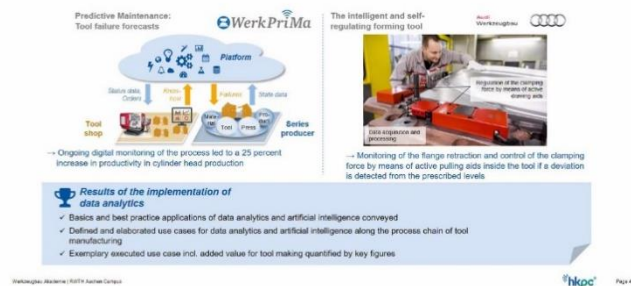
Member Visits @ Hong Kong & China Jun - Sep 2021



HKMDC Activity Highlights

協會活動

V. Benefits & Integration: Implementing Data Analytics in Practice



Webinars Series with WBAAWA Germany Jul – Sep 2021 (Germany & Hong Kong)

Webinar with MAKINO Japan Oct 2021 (Japan & Hong Kong)



HKMDC Activity Highlights

協會活動

Visit 5G Infrastructure Showroom Sep 2021 (Hong Kong)



Factory Visits Oct 2021 (Dongguan, China)

HKMDC Activity Highlights

協會活動



GBA Smart Manufacturing Seminar Dec 2021

(Dongguan, China)

GBA Joint Dinner with Hong Kong Plastics Industry Council Dec 2021

(Dongguan, China)



HKMDC Activities in 2022

協會活動

To Promote Mould & Die Industry in International Arena

HKMDC applied a Government Funded Project to promote the technical competency of Hong Kong precision mould and plastic component manufacturing industry in international arena



Deliverables

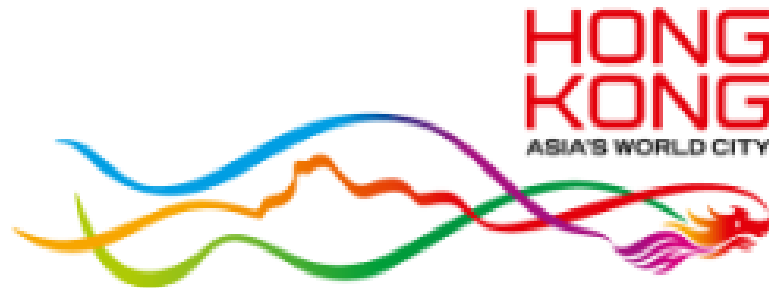
HKMDC will set up a **100 sqm** Hong Kong Pavilion in upcoming CHINAPLAS and K-fair to showcase **150 critical** parts of precision moulds and precision plastic components from the mould & die industry

The whole project involved nearly **US\$300,000** investment.

FADMA AGM 2022

2 Main Events at AGM 2022

- Smart Manufacturing Seminar
- Gala Dinner with HKMDC Members





香港模具協會

Hong Kong Mould & Die Council

香港工業總會轄下  A FHKI Council

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