

China-Singapore (Chongqing) Demonstrative Initiative on Strategic Connectivity (CCI) – ICT Pillar

中新（重庆）战略性互联互通示范项目（CCI）—— 信息通信技术（ICT）领域

The China-Singapore (Chongqing) Demonstrative Initiative on Strategic Connectivity (CCI), launched on 7 November 2015, is Singapore's third government to government (G2G) project with China. As China's biggest megacity with more than 30 million residents and economically one of the fastest growing cities in China, Chongqing presents a huge market opportunity for Singapore companies. In 2020, the scale of Chongqing's digital economy reached 638.7 billion yuan (about 98.55 billion U.S. dollars), and its share of GDP climbed to 25.5% of China's total GDP. Correspondingly, Southeast Asia's Digital Economy is growing significantly and is projected to hit \$363 billion U.S dollars by 2025.

Chongqing is also a key port along the Yangtze River Economic Belt and a major logistics node for BRI (The Belt and Road Initiative). Singapore and Chongqing have been working closely to enhance logistics and digital connectivity, that can contribute to BRI and create new business opportunities and economic growth for the respective cities.

中新（重庆）战略性互联互通示范项目（CCI）于2015年11月7日启动，是中国和新加坡第三个政府间合作项目。重庆作为中国最大的特大城市，居民超过 3000 万，是中国经济发展最快的城市之一，为新加坡的企业提供了巨大的市场机遇。2020年，重庆数字经济规模达到6387亿元人民币（约合985.5亿美元），占GDP比重攀升至中国GDP总量的25.5%。相应地，东南亚的数字经济当前增速显著，到 2025 年预计将达到3630 亿美元。

重庆也是长江经济带沿线的重要港口，以及“一带一路”倡议的重要物流节点。新加坡和重庆紧密合作，不断加强物流和数字互联互通，助力“一带一路”发展，为新加坡和重庆持续创造新的商机和经济增长。



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CCI therefore focuses on modern connectivity and services connecting Singapore enterprises to China's western region and connecting Singapore to China's BRI, jointly create opportunities with Chongqing enterprises in ASEAN markets. This will facilitate physical and digital trade, support data-driven businesses, and develop vibrant and innovative ICT industries for both countries.

Four strategic pillars were identified under CCI – Financial Services, Aviation, Transport and Logistics and ICT. As the CCI-ICT pillar lead, IMDA aims to spur innovation and business collaborations for Singapore and Chongqing industries. IMDA renewed Singapore's partnership MOU with Chongqing Big Data Development Bureau (CQBDB) on cooperation in the field of Information, Communications and Media at the 7th Joint Implementation Committee meeting on 11 Apr 2022. The renewed MOU affirms Singapore and Chongqing's commitment to promote industry partnerships and extended cooperation areas into smart cities, and talent development. The CCI-ICT project creates efficient and sustainable business and trade processes through market access and policy innovation.

因此，CCI 专注于连接新加坡企业与中国西部地区、连接新加坡与中国“一带一路”倡议的现代互联互通和服务，与重庆企业共同在东盟市场创造机会。这将促进实体和数字贸易，支持数据驱动型企业，并为中新两国打造充满活力和创新的 ICT 产业。

在 CCI 下确定了四个战略支柱领域——金融服务、航空、运输和物流以及信息通信技术（ICT）。作为 CCI-ICT 领域的牵头机构，IMDA 旨在促进新加坡和重庆的行业创新和商业合作。IMDA 在 2022 年 4 月 11 日举行的第七次联合执行委员会会议上，更新了新加坡与重庆市大数据应用发展管理局（CQBDB）在信息、通信和媒体领域合作的合作谅解备忘录。新的谅解备忘录肯定了新加坡和重庆促进行业伙伴关系的承诺，并将合作领域扩展到智慧城市和人才发展。CCI-ICT 项目通过市场准入和政策创新，创造高效、可持续的商贸流程。

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MARKET ACCESS 市场准入

Joint Innovation Development Fund

The Singapore-China (Chongqing) ICM Joint Innovation Development Fund (JIDF) was established by IMDA, Enterprise Singapore (ESG) and CQBDB to support the development of new and innovative digital solutions by Chinese and Singapore companies. The aim of the programme is to harness business and innovation opportunities in China and Singapore, and create partnerships for companies to expand to Southeast Asia.

The JIDF has facilitated technology partnerships to innovate and create commercially viable projects encompassing artificial intelligence, Internet-of-Things (IoT), virtual reality and augmented reality and robotics. To date, the programme has supported 20 projects in the areas such as Smart Cities, Transport and Logistics, and Manufacturing.

联合创新发展基金

新加坡 - 中国（重庆）信息通信媒体联合创新发展基金（JIDF）由 IMDA、新加坡企业发展局（ESG）和重庆市大数据应用发展管理局成立，旨在支持中国和新加坡的企业开发创新性数字解决方案。JIDF 充分利用中国和新加坡的商业创新机会，为各家企业建立便于向东南亚拓展的合作伙伴关系。

JIDF 促进技术合作伙伴关系，推动创新，打造商业上可行的项目，涉及领域包括人工智能、物联网（IoT）、虚拟现实和增强现实以及机器人技术。迄今为止，JIDF 已经支持了智慧城市、交通物流、制造等领域的 20 个项目。

International Dedicated Connectivity

IMDA worked with the Chongqing Big Data Bureau (CQBDB) to facilitate partnerships between telcos from China and Singapore, which led to the launch of the Singapore - China (Chongqing) International Dedicated Connectivity (IDC) on 11 September 2019.

The International Dedicated Connectivity (IDC) serves as a bridge for the construction of "One Belt, One Road", Yangtze River Economic Belt and the Chengdu-Chongqing Economic Circle. With a total data capacity of 260Gbps, the IDC provides a dedicated data channel between Singapore and Chongqing, offering better network experience, such as lower latency, lower packet loss and better network reliability, to users in Singapore and Chongqing. This will improve digital connectivity between Southeast Asia (through Singapore) and Western China (through Chongqing).

The IDC will strengthen Singapore's position as the Data Hub for Southeast Asia, while enabling Chongqing to be positioned as the data hub for Western China. This will also help to create new businesses opportunities in areas such as Healthcare, Fintech, Transport & Logistics, Education and Media as Singapore companies can now digitally expand their businesses to Western China, through Chongqing, whilst Chongqing companies can also expand into the Southeast Asia market, through Singapore.

中新国际互联网专用通道

IMDA 与重庆市大数据应用发展管理局合作，促进中国和新加坡的电信企业之间的合作，从而促使新加坡 - 中国（重庆）国际互联网专用通道（IDC）于 2019 年 9 月 11 日启动。

IDC 是“一带一路”、长江经济带和成渝经济圈建设的桥梁。IDC 总数据容量为 260Gbps，提供新加坡和重庆之间的专用数据通道，为新加坡和重庆的用户提供更好的网络体验，比如更低的时延、更低的丢包率、更好的网络可靠性。这将改善东南亚（通过新加坡）和中国西部（通过重庆）之间的数字化互联互通。

IDC 将强化新加坡作为东南亚数据中心的地位，同时使重庆成为中国西部的数据中心。这也将有助于在医疗卫生、金融科技、物流运输、教育和媒体等领域创造新的商机，因为新加坡公司现在可以通过重庆将业务数字化扩展到中国西部，同时，重庆公司也可以通过新加坡扩展到东南亚市场。

Smart China Expo

IMDA participates in the annual International Smart China Expo (SCE), which is a high signature event for Chongqing and the Chongqing Municipality Government. The SCE is a key platform for ICT companies, tech leaders and the digital community across China to converge in Chongqing to exchange ideas, promote innovation and forge partnership.

Through exhibitions as part of the Singapore Pavilion and participation in the International Dedicated Connectivity (IDC) Forum and business networking sessions, Singapore companies are provided the platform and opportunity to market their brands, learn about the latest technologies in China as well as network with like-minded partners/companies from China to form collaborations.

中国国际智能产业博览会

IMDA 参加了一年一度的中国国际智能产业博览会（SCE，简称“智博会”），这是重庆和重庆市政府的标志性盛会。智博会是中国 ICT 企业、技术大咖和数字科技产业汇聚重庆交流思想、促进创新、建立伙伴关系的重要平台。

通过参与新加坡馆的展览、参加 IDC 论坛和商务交流会议，新加坡的企业获得了推广品牌、了解中国最新技术以及与中国志同道合的合作伙伴/企业建立联系、达成合作的平台和机会。

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POLICY INNOVATION 政策创新

TradeTrust

Through TradeTrust, IMDA aims to help the digital trade platform to improve efficiencies through certainty, reduced costs of paper documentation and support for new service offerings through inter-operability, visibility, and control. TradeTrust reduces inefficiencies and complexities of cross-border trade arising from the current paper-based documentation, such as the bill of lading. This lowers operating costs for businesses and the risk of fraud while accelerating the digitalization of cross-border trade processes thereby promoting more growth in trade between Singapore and China.

TradeTrust

IMDA借助 TradeTrust带来的确定性、降低纸质文档成本，帮助数字贸易平台提高效率；同时，借助TradeTrust的互操作性、可见性和可控性，支持数字贸易平台提供的新服务。TradeTrust 减少了当前跨境贸易中因为纸质文件（例如提单）造成的低效率和复杂性。这降低了企业的运营成本、降低了欺诈风险，同时加速了跨境贸易流程的数字化，从而促进新加坡和中国之间的贸易增长。

Cross Borders Data Flow

Personal data is growing in importance as we start developing more digital connections. IMDA works closely to deepen Government-to-Government engagements to foster thought leadership & collaboration on policy innovation in Telecommunications, Cross-border Data Flows and Data Protection. IMDA will continue to work with Chongqing Municipality Government towards implementing policy innovations in Telecommunications, Cross-Border Data Flows and Data Protection, which will promote the use of the IDC.

跨境数据流动

随着我们开展更多的数字化互联互通，个人数据的重要性日益显著。IMDA 密切参与并深化政府间互动，在电信、跨境数据流动和数据保护相关的政策创新领域，培育思想领导力、促进合作。IMDA将继续与重庆市政府合作，在电信、跨境数据流动和数据保护等方面实施政策创新，推动IDC的使用。

IMDA will continue to invest in the digital connectivity, frameworks and solutions as part of our work to accelerate industry digital transformation for smart cities of the future. We hope to continue to strengthen our linkages and exchanges with Chongqing in both industry and policy areas to expand to Western China and open the gateway to Southeast Asia, uplifting the quality of lives of our people.

作为我们加速未来智慧城市中行业数字化转型工作的一部分，IMDA 将继续致力于数字化互联互通、搭建合作框架和解决方案。我们希望继续加强与重庆在产业和政策上的联系和交流，向西部拓展，打开通往东南亚的大门，提升人民的生活质量。

