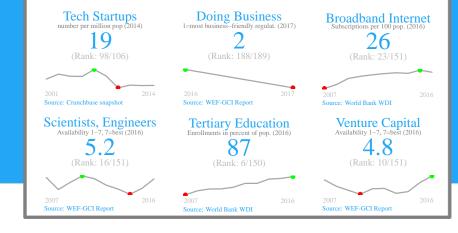
# Digital Entrepreneurship 360

# Singapore

Country Snapshot



### POLICY Laws, regulations, and government initiatives

### **GOVERNMENT INDEXES**



SOURCES: GLOBAL INFORMATION TECHNOLOGY REPORT; WORLD BANK - WDI

### INVESTMENT FRIENDLINESS

| Time needed to setup a foreign business number of days (2012)  | 9   | (Rank: 78/87) |
|--|-----|---------------|
| FDI Regulation Index (aggrega<br>across telecoms, media, electric<br>100=full ownership allowed (2012) | 100 | (Rank: 50/84) |
| Procedures to set up a foreign business number of procedures (2012)                                    | 4   | (Rank: 84/87) |
| Efficiency of legal framework i settling disputes 1-7 = best (2016)                                    | 6.3 | (Rank: 1/151) |

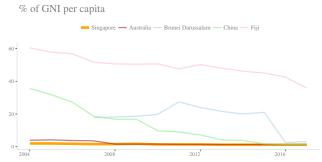
SOURCE: INVESTING ACROSS BORDERS

#### **DOING BUSINESS 2017**

|                                   |       | DTF   |        |      | Rank |        |
|-----------------------------------|-------|-------|--------|------|------|--------|
|                                   | 2016  | 2017  | Change | 2016 | 2017 | Change |
| Ease of doing business index      | 84.5  | 85.05 | 0.55   | 3    | 2    | 1      |
| Dealing with Construction Permits | 78.69 | 81.75 | 3.06   | 24   | 10   | 14     |
| Enforcing Contracts               | 83.61 | 83.61 | 0      | 2    | 2    | 0      |
| Getting Credit                    | 75    | 75    | 0      | 19   | 20   | -1     |
| Getting Electricity               | 91.22 | 91.32 | 0.1    | 10   | 10   | 0      |
| Paying Taxes                      | 90.78 | 91.85 | 1.07   | 9    | 8    | 1      |
| Protecting Minority Investors     | 83.33 | 83.33 | 0      | 1    | 1    | 0      |
| Registering Property              | 82.33 | 83.58 | 1.25   | 22   | 19   | 3      |
| Resolving Insolvency              | 88.7  | 88.7  | 0      | 28   | 29   | -1     |
| Starting a Business               | 96.49 | 96.49 | 0      | 7    | 6    | 1      |
| Trading Across Borders            | 89.3  | 89.3  | 0      | 41   | 41   | 0      |

SOURCE: DOING BUSINESS

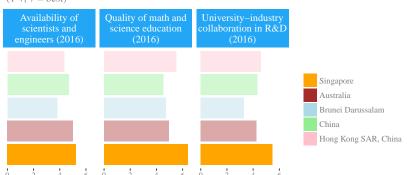
# COST OF BUSINESS STARTUP PROCEDURES



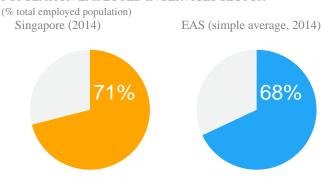
SOURCE: WORLD BANK WDI

### HUMAN CAPITAL State of educational institutions and access to skilled labor

# AVAILABILITY OF SKILLED LABOR AND EDUCATION (1-7, 7 = best)



### POPULATION EMPLOYED IN SERVICES SECTOR



SOURCE: WORLD BANK WDI

SOURCE: WEF-GCI REPORT

### **FINANCING**

Sources of capital available for digital entrepreneurs, including debt, equity, grants, blended financing, etc

FDI, PUBLIC CAPITAL MARKET AND VENTURE CAPITAL



### Investment in Telecoms w/ Private Part.

Millions, \$US

No data available (Rank: /136)



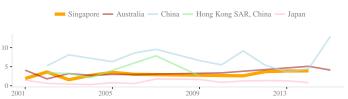
219

(Rank: 2/115)

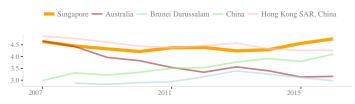


SOURCES: WEF-GCI REPORT; WORLD BANK - WDI

INFORMAL INVESTORS RATE (% of 18-64 population)



VENTURE CAPITAL AVAILABILITY (1-7, best)

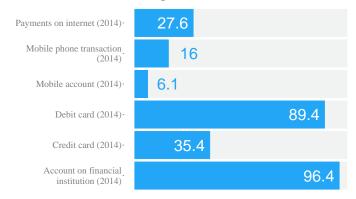


SOURCE: GLOBAL ENTREPRENEURSHIP MONITOR - ADULT POPULATION

SOURCE: WEF-GCI REPORT

### MARKETS Existence of early customers and distribution channels

FINANCIAL INCLUSION (% age 15+)



### DIGITAL COMMERCE & INTERNET ACCESS

| New business density new registrations per 1,000 people ages 15–64 (2009)  | 5.2  | (Rank: 29/137) |
|--|------|----------------|
| Ratio of online/in store purchases Percentage (2016)                       | 57   | (Rank: 21/54)  |
| Firms using email to interact with clients/suppliers (%) % of firms (2010) |      | (Rank: /146)   |
| Firms with their own Website % of firms (2014)                             |      | (Rank: /143)   |
| ICT service exports % of service exports, BoP (2014)                       | 23.7 | (Rank: 52/178) |

SOURCE: WORLD BANK - FINDEX

SOURCES: ENTERPRISE SURVEYS; WEF-GCI REPORT; WORLD BANK - WDI

# CULTURE Societal attitudes toward entrepreneurship

|  | Avg 2003-2011 | 2011  | 2012  | 2013  | 2014  | 2015  | 2016 |
|--|---------------|-------|-------|-------|-------|-------|------|
| Company spending on R&D, 1-7 = best                                  | 5.0           | 4.9   | 5.1   | 5.0   | 4.8   | 5.0   | 5.0  |
| Listed domestic companies, total, Number                             | 482.8         | 462.0 | 472.0 | 479.0 | 484.0 | 483.0 | _    |
| Perceived Capabilities, % of 18-64 population                        | 26.3          | 24.1  | 26.6  | 24.8  | 21.4  | NA    | _    |
| Fear of Failure Rate, % of 18-64 population                          | 36.9          | 39.2  | 41.6  | 39.8  | 39.4  | NA    | _    |
| Number of tech startups, number per million pop                      | 25.1          | 16.6  | 18.7  | 18.4  | 18.5  | NA    | _    |
| High Status Successful Entrepreneurship, % of 18-64 population       | 57.0          | 62.9  | 62.5  | 59.4  | 62.9  | NA    | _    |
| Media Attention for Entrepreneurship, % of 18-64 population          | 67.8          | 76.5  | 76.7  | 75.3  | 79.1  | NA    | _    |
| Total early-stage Entrepr. Activity (TEA), % of 18-64 population     | 5.8           | 6.6   | 11.6  | 10.7  | 11.0  | NA    | _    |
| Improvement-Driven Opp. Entrepr. Activity: Rel. Prevalence, % of TEA | 60.2          | 52.6  | 54.5  | 68.8  | 70.8  | NA    | _    |
| New Product early-stage Entrepr. Activity, % of TEA                  | 42.1          | 40.3  | 43.5  | 34.2  | 48.8  | NA    | _    |
|  |               |       |       |       |       |       |      |

SOURCES: GLOBAL ENTREPRENEURSHIP MONITOR - ADULT POPULATION; WORLD BANK - WDI

## SUPPORTS Infrastructure and support services available through incubators, accelerators and other NGOs

|  | Avg 2003-2011 | 2011 | 2012  | 2013  | 2014  | 2015  | 2016  | 2011 2016 |
|--|---------------|------|-------|-------|-------|-------|-------|-----------|
| % firms identifying transportation as major constraint, NA         | _             | _    | _     | _     | _     | _     | _     |           |
| % of firms with an annual fin. Statem. reviewed by ext. audit., NA | _             | _    | _     | _     | _     | _     | _     |           |
| Quality of electricity supply, 1-7 = best                          | 6.7           | 6.8  | 6.7   | 6.7   | 6.7   | 6.7   | 6.8   |           |
| Broadband Internet subscriptions, per 100 population               | 20.9          | 24.7 | 25.5  | 26.1  | 25.7  | 27.8  | 26.4  |           |
| Internet bandwidth, kb/s/capita                                    | 25.2          | 25.2 | 547.1 | 391.1 | 580.7 | 616.5 | 737.0 |           |
| Access to electricity, % population                                | 100.0         | NA   | 100.0 | NA    | NA    | NA    | _     | •         |
| ICT goods imports, % total goods imports                           | 31.9          | 23.5 | 23.4  | 24.9  | 24.5  | NA    | _     |           |
| Internet users, per 100 population                                 | 65.1          | 71.0 | 72.0  | 80.9  | 79.0  | 82.1  | _     |           |

SOURCES: ENTERPRISE SURVEYS; WEF-GCI REPORT; WORLD BANK - WDI

