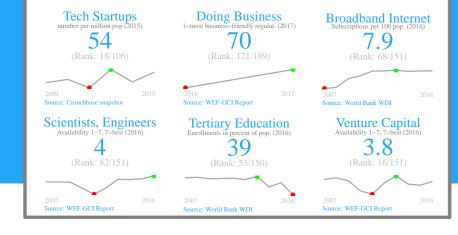
# Digital Entrepreneurship 360

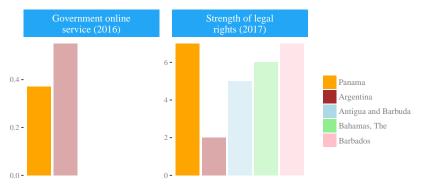
# Panama

Country Snapshot



# POLICY Laws, regulations, and government initiatives

### **GOVERNMENT INDEXES**



### SOURCES: GLOBAL INFORMATION TECHNOLOGY REPORT; WORLD BANK - WDI

#### **DOING BUSINESS 2017**

|                                   |       | DTF   |        |      | Rank |        |
|-----------------------------------|-------|-------|--------|------|------|--------|
|                                   | 2016  | 2017  | Change | 2016 | 2017 | Change |
| Ease of doing business index      | 66.19 | 66.19 | 0      | 67   | 70   | -3     |
| Dealing with Construction Permits | 71.21 | 71.31 | 0.1    | 70   | 73   | -3     |
| Enforcing Contracts               | 48.1  | 48.1  | 0      | 145  | 145  | 0      |
| Getting Credit                    | 75    | 75    | 0      | 19   | 20   | -1     |
| Getting Electricity               | 86.66 | 86.67 | 0.01   | 19   | 23   | -4     |
| Paying Taxes                      | 48.09 | 48.09 | 0      | 166  | 170  | -4     |
| Protecting Minority Investors     | 56.67 | 56.67 | 0      | 69   | 70   | -1     |
| Registering Property              | 65.16 | 65.17 | 0.01   | 84   | 84   | 0      |
| Resolving Insolvency              | 27.6  | 27.2  | -0.4   | 132  | 133  | -1     |
| Starting a Business               | 91.95 | 92.01 | 0.06   | 41   | 43   | -2     |
| Trading Across Borders            | 85.47 | 85.47 | 0      | 52   | 53   | -1     |

SOURCE: DOING BUSINESS

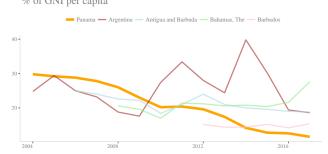
SOURCE: WEF-GCI REPORT

### INVESTMENT FRIENDLINESS

| Time needed to setup a foreign<br>business<br>number of days (2012)                              |     | (Rank: /87)     |
|--|-----|-----------------|
| FDI Regulation Index (aggregatacross telecoms, media, electric 100=full ownership allowed (2012) |     | (Rank: /84)     |
| Procedures to set up a foreign business number of procedures (2012)                              |     | (Rank: /87)     |
| Efficiency of legal framework i settling disputes  | 3.3 | (Rank: 104/151) |

SOURCE: INVESTING ACROSS BORDERS

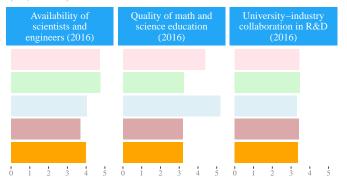
# COST OF BUSINESS STARTUP PROCEDURES % of GNI per capita



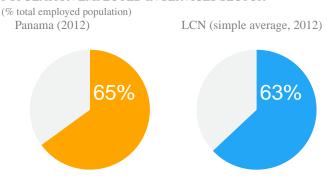
SOURCE: WORLD BANK WDI

### 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

Panama Argentina

Chile Costa Rica

# **FINANCING**

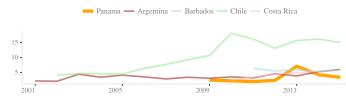
Sources of capital available for digital entrepreneurs, including debt, equity, grants, blended financing, etc

FDI, PUBLIC CAPITAL MARKET AND VENTURE CAPITAL



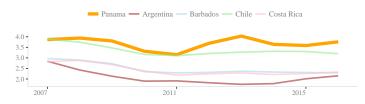
SOURCES: WEF-GCI REPORT; WORLD BANK - WDI

#### INFORMAL INVESTORS RATE (% of 18-64 population)



SOURCE: GLOBAL ENTREPRENEURSHIP MONITOR - ADULT POPULATION

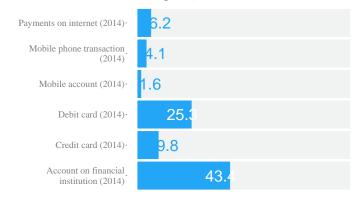
### VENTURE CAPITAL AVAILABILITY (1-7, best)



SOURCE: WEF-GCI REPORT

### MARKETS Existence of early customers and distribution channels

### FINANCIAL INCLUSION (% age 15+)



SOURCE: WORLD BANK - FINDEX

### DIGITAL COMMERCE & INTERNET ACCESS

| New business density new registrations per 1,000 people ages 15–64 (2009)  | 20.8 | (Rank: 6/137)   |
|--|------|-----------------|
| Ratio of online/in store purchases Percentage (2016)                       |      | (Rank: /54)     |
| Firms using email to interact with clients/suppliers (%) % of firms (2010) | 67.7 | (Rank: 84/146)  |
| Firms with their own Website % of firms (2014)                             | 40.5 | (Rank: 67/143)  |
| ICT service exports % of service exports, BoP (2014)                       | 11.1 | (Rank: 128/178) |

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

# CULTURE Societal attitudes toward entrepreneurship

|  | Avg 2003-2011 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2011 |
|--|---------------|------|------|------|------|------|------|------|
| Company spending on R&D, 1-7 = best                                  | 3.1           | 3.0  | 3.6  | 4.0  | 3.7  | 3.5  | 3.5  |      |
| Listed domestic companies, total, Number                             | 28.8          | 37.0 | 20.0 | 20.0 | 29.0 | 30.0 | _    |      |
| Perceived Capabilities, % of 18-64 population                        | 63.0          | 63.7 | 43.3 | 66.4 | 54.4 | 49.4 | _    |      |
| Fear of Failure Rate, % of 18-64 population                          | 20.1          | 14.0 | 16.7 | 28.9 | 14.6 | 23.1 | _    |      |
| Number of tech startups, number per million pop                      | 40.9          | 43.2 | 30.8 | 57.9 | 39.5 | 53.7 | _    |      |
| High Status Successful Entrepreneurship, % of 18-64 population       | 67.4          | NA   | NA   | 59.2 | NA   | NA   | _    | •    |
| Media Attention for Entrepreneurship, % of 18-64 population          | 50.3          | NA   | NA   | 70.4 | NA   | NA   | _    | •    |
| Total early-stage Entrepr. Activity (TEA), % of 18-64 population     | 15.2          | 20.8 | 9.5  | 20.6 | 17.1 | 12.8 | _    |      |
| Improvement-Driven Opp. Entrepr. Activity: Rel. Prevalence, % of TEA | 49.6          | 40.5 | 56.8 | 39.8 | 60.2 | 39.1 | _    |      |
| New Product early-stage Entrepr. Activity, % of TEA                  | 42.1          | 55.6 | 35.9 | 23.5 | 12.3 | 45.7 | _    |      |

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, % of firms         | 0.5           | NA   | NA   | NA   | NA   | NA   | _    |           |
| % of firms with an annual fin. Statem. reviewed by ext. audit., % of firms | 56.8          | NA   | NA   | NA   | NA   | NA   | _    |           |
| Quality of electricity supply, 1-7 = best                                  | 5.2           | 5.3  | 5.5  | 5.4  | 4.9  | 4.8  | 5.2  |           |
| Broadband Internet subscriptions, per 100 population                       | 4.0           | 7.8  | 7.9  | 8.2  | 7.7  | 7.9  | 7.9  |           |
| Internet bandwidth, kb/s/capita  | 6.2           | 6.2  | 44.1 | 32.4 | 54.3 | 72.7 | 75.9 |           |
| Access to electricity, % population  | 87.9          | NA   | 90.9 | NA   | NA   | NA   | _    | •         |
| ICT goods imports, % total goods imports                                   | 9.8           | 8.1  | 5.6  | 5.3  | 4.9  | NA   | _    |           |
| Internet users, per 100 population   | 25.3          | 42.7 | 40.3 | 44.0 | 44.9 | 51.2 | _    |           |

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

