

OPPORTUNITIES KNOCK

Project and program managers can find their next career break if they know where the action is. Here are three hot sectors that will drive more projects.



TECHNOLOGY

Three white-hot tech categories are driving growth in the sector — and creating job opportunities:

INTERNET OF THINGS:

The Internet of Things is expected to connect as many as **23.3 billion devices** to the Internet by 2019.

CYBERSECURITY:

Cybersecurity is poised to grow **more than 10%** per year for the next four years, up to **US\$155.74 billion**.

BIG DATA:

Big data technology and services are slated to **jump 26%** per year through 2018 to hit **US\$41.52 billion**.



MUST-HAVE

Know your technology.

“Technical directors and managers express frustration when they or their techs have to educate project managers on some **basic fundamentals of technology**. Project managers need to know it well enough to manage the technology.”

— Trina Tolliver Nkhazi, PMP, enterprise IT governance and compliance manager, City of Atlanta, Georgia, USA

GOVERNMENT

Because failures are so high profile, governments around the world are taking a long, hard look at project management. Governments are opening up opportunities for efficiency-minded government project practitioners and their private-sector contractor colleagues in:

TECH:

Government IT spending in India alone is expected to rise 5.7% to **\$6.8 billion** in 2015. And China plans to **invest CNY8.02 trillion** on smart tech to modernize and transform its manufacturing base.

DEFENSE:

29 of **the world's top 50** defense spenders have **increased their spending** in the last five years, led by China, Russia and Saudi Arabia.

AEROSPACE:

India has allocated **INR73.9 billion** to **space activities**, while China and Russia are teaming up to invest in a joint **space exploration project**.



MUST-HAVE

Keep an eye on efficiency.

“Government agencies are ever more aware that hiring skilled and competent project management resources who utilize best practices of project management capabilities net them a higher ROI across their project portfolios.”

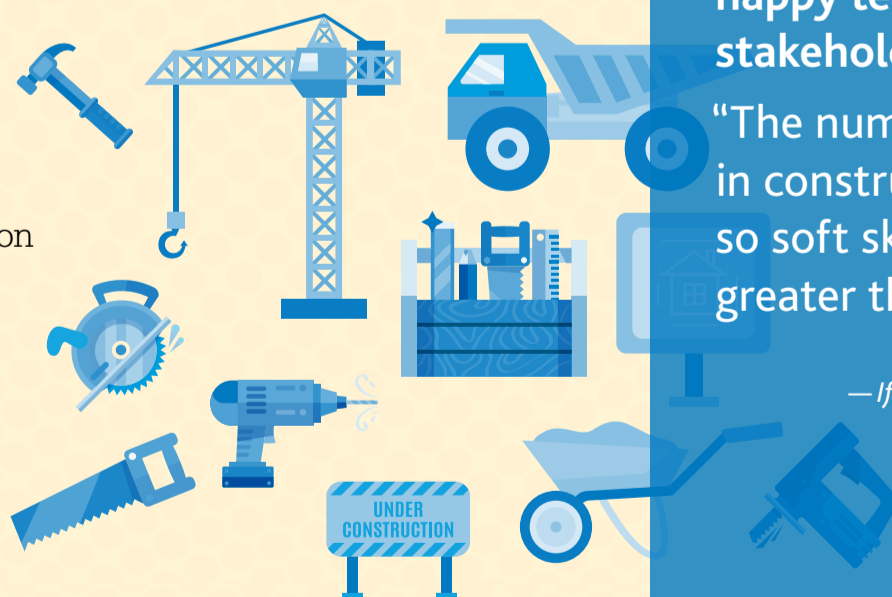
— Trina Tolliver Nkhazi

CONSTRUCTION

50% of engineering and construction CEOs intend to hire more talent this year. New power, water, sanitation, housing, offices and transportation projects especially in China, India, Indonesia, Vietnam and the Philippines fuels much of that demand.

Tyrone Newson, PMP, project director at construction company McConnell Dowell in Singapore, says project and program managers looking to land jobs in construction should have good familiarity with:

- Quantity surveying or cost controls
- Engineering or architectural design
- Construction sequencing plans



MUST-HAVE

Build people skills for happy team members and stakeholders.

“The number of people involved in construction projects is huge, so soft skill requirements are greater than other projects.”

— Iftikhar Ali Gaur, PMP, project director, Gulf Engineering, Doha, Qatar

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