Challenges for the next mining investment cycle

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Turner & Townsend

making the difference



Who we are

Turner & Townsend is an independent professional services company specializing in program management, project management, cost and commercial management and consulting across the real estate, infrastructure and natural resources sectors.

With **108 offices** in **45 countries**, we draw on our extensive global and industry experience to manage risk while maximizing value and performance during the construction and operation of our clients' assets.

Improvement Delivery of Mining Investments

Project Lifecycle



Tensions shaping the Owner's Team



Owner's Organization and Market



Organization maturity for project development (C6)

C	¹ Cla		,			nent			Con	e Diligence					etence	ty			
Business Case	Benefits Management	Requirements Management	Value Engineering	Strategic Risk	Design Management	Stakeholder Management		Management Systems & Information Management	Commercial Strategy	Funding Advice & Due Diligence	Planning Consent & Obligations Management	Governance & Assurance	Organisational Design	Urganisational Development	Organisational Competence				
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								Contract Mgmt & Administration								Health, Safety & Environment			

Construction

rsion

Operational Handover & Testing

Work force productivity

Skills shortage (workforce age profile UK 2017 Q4)

Generations (Gen X vs Millenials)



Owner's Team Key Roles and Capabilities





EPC – Owner's Capabilities for Success



EPCM – Owner's Capabilities for Success



References and sources

Smartprojects: Risk and Innovation – International Conference (August 2018)

https://www.alessandri.legal/PC2018/

Gold Symposium Colombia 2018

https://colombiagold.co/en/

Five factors influencing the size of mine management teams

In response to current industry challenges, mining companies are looking at alternative delivery models to drive down costs and manage their risks.

http://www.turnerandtownsend.com/en/insights/five-factors-influencing-the-size-of-mine-management-teams/

EPCM Guide 2015 - 2016

Building on a very successful and compelling webinar discussion on how the EPCM mining space is evolving, we are pleased to present the EPCM mining guide 2015-2016, which shares insight into, and best practice on how the EPCM contract is evolving.

International construction market survey 2018

The 2018 international construction market survey brings together data and experience from 46 markets around the world, to provide an insight into the current state and direction of travel of the global construction industry. This year it also brings optimism.

http://www.turnerandtownsend.com/en/insights/internationalconstruction-market-survey-2018/

Contracting in Latin America: a quick guide for foreign companies dealing with construction contracts

http://www.turnerandtownsend.com/en/insights/contracting-inlatin-america-quick-guide-for-foreign-companies-dealing-withconstruction-contracts/ Turner & Townsend Limitada Av. Apoquindo 2827 Oficina 202B Las Condes Santiago de Chile 7550268

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