

Chapter 1 : Every Single Cognitive Bias in One Infographic

Optimism bias has been a considerable challenge in the planning and delivery of public services, particularly infrastructure mega projects. This has resulted in consistently underestimated costs and.

F Lightning II , a fifth-generation, single-seat, single-engine stealth multirole fighter manufactured by Lockheed Martin. Variants of the F are planned to replace five classes of combat aircraft that are presently in use with roles as varied as close air support , tactical bombing , and air defense missions. KH reconnaissance satellite , manufactured by Lockheed Corporation and launched between and Rockwell B-1 Lancer , a supersonic bomber with a variable-sweep wing built in the s as a strategic bomber. It has since acquired conventional and multi-role capabilities. The North American XB Valkyrie had a higher empty weight and maximum speed but never entered production. Construction of the new confinement structure for the nuclear reactor that melted down at Chernobyl in Ukraine. Bags of oily waste are piled up during the cleanup of the Exxon Valdez oil spill in While most megaprojects are planned and undertaken with careful forethought, some are undertaken out of necessity after a natural disaster occurs. There have also been a few man-made disasters. The Chernobyl New Safe Confinement is being built to enclose the 4 reactor that was destroyed in the Chernobyl disaster of The Fukushima disaster cleanup is ongoing, and includes the removal of spent nuclear fuel stored at the site of the Fukushima Daiichi nuclear disaster. Storing nuclear waste at Yucca Mountain nuclear waste repository is designed to prevent a disaster from leaking nuclear waste. Many hurricanes and typhoons have caused extensive damage and required large cleanup efforts, the largest of which included projects that targeted the damaged infrastructure. The list of costliest Atlantic hurricanes covers the ones in the Atlantic region, including Hurricane Katrina from Many earthquakes and resultant tsunamis have caused enough damage to infrastructure that enormous projects were undertaken. Flooding is the cause of many disasters. Some have caused enough damage that a megaproject would be used to recover. Volcano eruptions rarely affect major industrial area, but the cleanup and recovery from the eruption of Mount St. Helens in rural Washington State was of megaproject proportions.

Chapter 2 : Infographic: The World's Largest Megaprojects Under Construction

making of mega-projects and forecasting with uncertainty is illusion of control. Illusion of control is the tendency to perceive that one has the ability to influence outcomes that are obviously chance determined, so its expectancy of a personal.

Chapter 3 : A Tax Bias toward Mega-Corporations - Tax Foundation

This is a list of megaprojects. "Megaprojects are temporary endeavours (i.e. projects) characterized by: large investment commitment, vast complexity (especially in organizational terms), and long-lasting impact on the economy, the environment, and society".

Chapter 4 : List of megaprojects - Wikipedia

Typically, when projects go wrong, hindsight shows that the problems began at the outset, due to poor justification and need for the project, misalignment among stakeholders, insufficient planning, and inability to find or use the appropriate capabilities.

Chapter 5 : EY: Oil & Gas megaprojects exceed budgets. Cost overruns reach \$B | Offshore Energy Today

projects, or building projects wrongly. Never has it been more important to choose the most fitting projects and get their economic, social, and environmental impacts right (Flyvbjerg et al.,).

Chapter 6 : What does MEGAPROJECT mean?

Between \$6 and \$9 trillion dollarsâ€”about 8% of annual world-wide economic productionâ€”is currently being spent on projects that individually cost more than \$1 billion. These mega-projects (including everything from buildings to transportation systems to digital infrastructure) represent the.

Chapter 7 : Megaproject - Wikipedia

Mega-projects as displacements Paul K. Gellert and Barbara D. Lynch Introduction Dams, roads, ports, urban developments, pipe-lines and petrochemical plants, mines, and vast.*

Chapter 8 : Overcoming Bias : Big Signals

Project portfolio management personnel, project managers, individual project team members, and subject matter experts (SMEs). The cognitive biases of these two groups had to be identified and steered, because initially they also amplified the AstyProject complexity.