

MAXIMIZING ECONOMIC STIMULUS PACKAGE OPPORTUNITIES



Founded in 1917, HDR is a full-service engineering, architecture, economics and management consulting firm that excels at complex projects. Our clients rely on us for specialization and innovation in all stimulus sectors.



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HDR Decision Economics can help you maximize your financial participation in the historic Economic Stimulus Package.

The federal government's strategic stimulus package is designed to address three crises confronting the United States: financial, infrastructure and climate change/environmental.

President Obama has stated, "We'll invest your precious tax dollars in new and smarter ways, and we'll set a simple rule – use it or lose it. If a state doesn't act quickly to invest in roads and bridges in their communities, they'll lose the money."

Eligible projects will be ready to go and will demonstrate job creation and sustainability elements. HDR strategic consultants will maximize your stimulus dollars by helping you rank, sort, prioritize and justify the projects you want funded.

Our economics and finance services, proven tools and applications can help you select the right projects that meet the economic stimulus requirements.



HDR's cost risk analysis tools can help you identify and mitigate risks and increase the likelihood of meeting the stimulus schedule.

Large infrastructure projects can be plagued with highly publicized cost and schedule overruns. Most cost and schedule estimates take the form of a single expected outcome supplemented with a contingency. This offers no information about the range of other possible outcomes and their associated overrun and slippage risks.

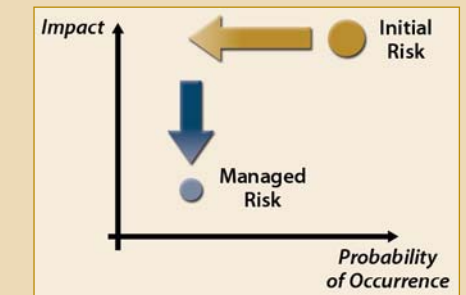
Risk assessment identifies the budget levels and schedules that enable management to reduce overrun and slippage risk to acceptable levels. A cost and schedule risk assessment accounts for and manages uncertainty throughout the life cycle of project budgeting and development by identifying, managing and mitigating uncertainties and risks at any stage of design.

HDR's Cost Risk Assessment Experience

- Conducted cost risk analysis for over 200 infrastructure investments, including highways, rail alignments, ports, airports, tunnels, water treatment facilities and convention centers
- Led risk analysis studies for transportation agencies in over 20 states, including California, Washington, Texas, Arizona, South Dakota, Utah, New York and Ohio



Risk assessment findings: The figure shows the probability distributions of construction costs of mitigated versus non-mitigated scenarios. The graphic depicts potential savings that can be realized if mitigation measures take place.



Managing risk through cost and schedule risk analysis decreases the probability of overruns and slippage.



- If the economic stimulus package is to work for you, you need to know:
- The strategic elements of the stimulus
 - How to identify them in your own programs for infrastructure, energy security and climate change/ environment
 - Which of your projects have the lowest risk of cost or schedule overruns
 - Which projects will maximize your financial participation by landing in the stimulus "sweet spot"

HDR's proven economics tools can help you identify projects that will land in the stimulus package "sweet spot."

Knowledge and planning are the foundation for making the most of your participation in the stimulus package. Risk assessment strengthens that foundation by quantifying risk as you seek funding for specific projects.

