

Value-Improving Government Facilities



An Overview

Achieving More for the Taxpayer

David C. Wilson, P.Eng., CVS

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This Presentation...



- **Three Aspects:**

Challenges

Augmenting Project Delivery with VE

Value Improving Government



Challenges

- Government Agencies and Municipalities
 - Budget and cash flow **constraints**
 - **First cost** focus rather than **long-term** ownership
 - Risk **aversion** may mean innovation **preclusion**
 - Owner **knowledge limitations** forces **reliance** on Design Team input/recommendations
 - Difficult to accommodate **schedule** changes
 - Difficult to accommodate **scope** changes



Augmenting Design Process with VE

- Value Engineering
 - Can reduce budget
 - Forces a focus on long-term ownership costs
 - Challenges initial assumptions to potentially
 - Reduce risk exposure
 - Creates environment for innovation
 - Accesses other knowledge/experience
 - Must allow time to consider/implement changes
 - Must expect scope changes to occur

Value Improving Government Facilities



- Increase awareness of Value Analysis potential contribution in project delivery
 - Senior staff
 - Program level staff
- Develop training strategy
- Develop inter-agency & industry linkages
 - Knowledge/technology transfer
 - Education synergy
 - Experience benchmarking

Government Outreach



- Increase awareness of Value Analysis to industry through:
 - Industrial Associations, Innovation Centres etc
 - ...
- Increase awareness and encourage use through funding agencies
 - Health, Education, Energy
 - Provincial and Federal Infrastructure agencies etc
- Increase awareness and use of Value Analysis in business processes
 - Information Technology etc