



Resolving Conflicts and Constructing Partnerships

Workshop 4/5



FELSBERG HOLT & ULLEVIG



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Introductions

- **Jessica Myklebust, Holly Buck – Felsburg, Holt and Ullevig**
- **Joshua Proudfoot, Good Company**
- **TERC Attendees**



Workshop #1 – Moving from Principles to Guiding Framework

- **Key Ideas:**
 - Establish common language for TERC agencies:
 - Community Well-Being
 - Economic Vitality and Quality
 - Environmental Stewardship
- **Tool: Program Inventory and Planning Worksheet**





Workshop #2 – Developing Performance Measures for Sustainability

- **Key ideas:**
 - Why is measurement important
 - Internal and external measures
 - Long and short-term measures
 - Qualitative vs. quantitative measures
- **Tool: *Handbook to Develop Sustainability Measures***





Workshop #3 – Evaluating and Planning for Sustainability in Projects and Initiatives

- **Key Ideas:**
 - Life-cycle: before, during, after
 - Context of your project
 - Existing systems: Greenroads, LEED, Green Globes, FHWA’s sustainable Highways Initiative, CEEQUAL, ASCE-ACEC-APWA
- **Tools: *Sustainability Evaluation Tool***





TERC Sustainability Framework

Workshop 4/5 – Resolving Conflicts and Constructing Partnerships

- Workshop 4 & 5 combined
- Types of Sustainability Conflicts
- Evaluating Conflict in Project/Programs
- Opportunities and Risks of Agency Partnerships
- Activity – I-25 and 136th Avenue Interchange



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Ultimate Goal – Centralized Resource

- Resource for agencies to find, share, and exchange information and ideas on sustainability
- Recommendations for implementation:
 - Development
 - Management
 - Dissemination
 - Funding



Survey Results

- **Low survey responses**
- **People are learning**
- **No substantive new program activity**
- **Agencies enthusiastic to share common language**

- **Thoughts or feedback?**



Types of Sustainability Conflicts

- **Within an Agency**
- **Between Agencies**
- **Agency and External Stakeholders**
- **Short-term vs. long-term**





Types of Sustainability Conflicts: Within an Agency

- **Example – cost of efficient lighting**
 - Topic – Economic Vitality and Quality
 - Category – Fiscal Health/Financial
 - Aspect – Life cycle Costing & Accounting
- **Common goal – efficient use of agency dollars**
- **Conflict - CFL more expensive??**



Solution – cost of efficient lighting

	Initial Cost	10-year cost	Life of the Bulb	Rotation of bulb	Energy Cost
Compact Fluorescent (green bulb)	\$1.25	\$2.50	10,000 hours	5 years	X minus \$200
Incandescent (standard)	\$1.68	\$12.00	2,800 hours	1 yr. 5 mths	X





Types of Sustainability Conflicts: Between Agencies

- **Redevelopment of Brownfields EPA and HUD**
 - **Topic** – environmental stewardship and economic
 - **Category** – land use
 - **Aspect** - Affordable Housing/housing diversity or consumption of undeveloped land
- **Common goal** – redevelopment planning
- **Conflict** – Different standards of ‘clean’ for brownfield for residential development





Types of Sustainability

Conflicts: Agency and External Stakeholders

- **Example – Incorporating Sustainability within a Regional Plan**
 - Topic – Community Well-Being
 - Category – Human Health & Safety
 - Aspect – Green House Gas Emissions (local air emissions)
- **Common goal** – Develop an update to a Regional Transportation Plan
- **Conflict** – varying opinion on the value or purpose of including sustainability or livability goals into a plan





Types of Sustainability

Conflicts: short-term vs. long-term

- **Example – Diesel vs. Electric Rail Transit**
 - Topic – Economic Vitality and Quality
 - Category – Fiscal health and energy and emissions
 - Aspect – life cycle cost and local air emissions
- **Common goal** – efficient and cost effective movement of people
- **Conflict – Electric** - higher up front costs with lower operating costs reduced travel emissions
 - Diesel** – lower up front costs with higher life cycle costs and more local emissions



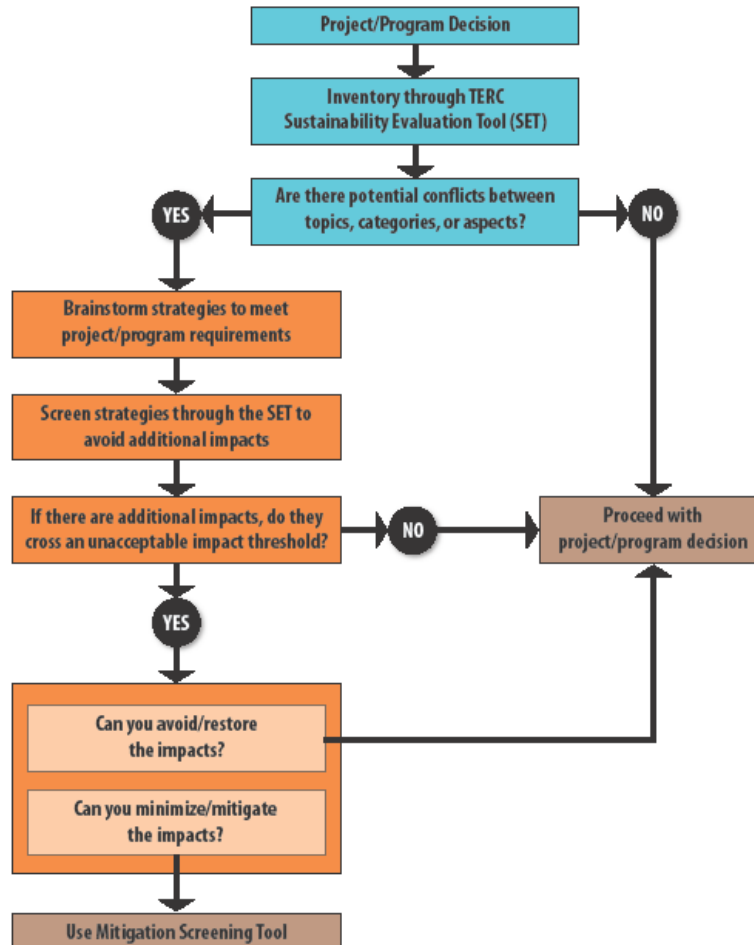


TERC Sustainability Framework



TERC Sustainability Framework

Evaluating Conflict in Project/Program Decision Flowchart



Workshop #4 10-026-16 2/22/11



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Problem solving for conflict areas

We want more natural light in the office setting for comfort and decreased energy consumption

BUT

the increased light is resulting in an increased load on the HVAC system.





BREAK

- **15 minute break**



Constructing Partnerships

Partnership

Relationship between parties to accomplish a common goal. Can be legalized with obligated responsibilities in a Partnership Agreement, or be non-legal without written documents.

MOU

Document showing common line of action, lacks the binding power of a contract.

MOA

Cooperative agreement to work together on an agreed upon project or objective. Written understanding between parties. Can be legally binding or just a partnership agreement.

IGA

Agreement between 2+ governments. Benefits are to consolidate resources and save money.





Opportunities and risks of partnerships

- **Do you have examples of partnerships and how did they work?**
- **What are the opportunities?**
- **What are the risks?**
- **Where are the real conflicts in partnerships?**



I-25/ 136th Avenue Interchange

- **Connectivity**
- **Energy - development standards**
- **Preservation Historic and Open Space**
- **Mobility and Access – transit and trip length**
- **Land consumption – houses, retail**
- **Habitat connectivity**
- **Loss/ shift agriculture**
- **Housing availability**
- **Long term infrastructure maintenance**



Practice: I-25/136th Avenue Interchange

- **Community Well-Being – the path**
 - Connect east side Westminster to west side Thornton
 - Reduce greenhouse gas emissions within the project area
 - Improve mobility and access by reducing trip length





Practice: I-25/136th Avenue Interchange

- **Environmental Stewardship— preserve habitat**
 - Preserve existing prairie dog and raptor habitat
 - Support nearby recreational uses





Practice: I-25/136th Avenue Interchange

- **Economic Vitality and Quality – mixed use development**
 - Increase housing availability and culture and quality of life
 - Improve multi-modal access to the area and amenities





Summary Slide

- **Flowchart for Identifying and Resolving Conflict**
- **Mitigation Screening Tool**
- **Identifying Key Partners**
- **Strategy Plan**





Preparation for Centralized Resource Workshop – April 7

- Ask your leadership about continued interest in the TERC sustainability subcommittee.
- How will your agency contribute to the centralized resource?
- Determine what you need from the centralized resource to:
 - Save time and money
 - Enhance your agency's mission
 - Coordinate more effectively with TERC agencies

