

National Renewable Energy Laboratory U.S. Department of Energy

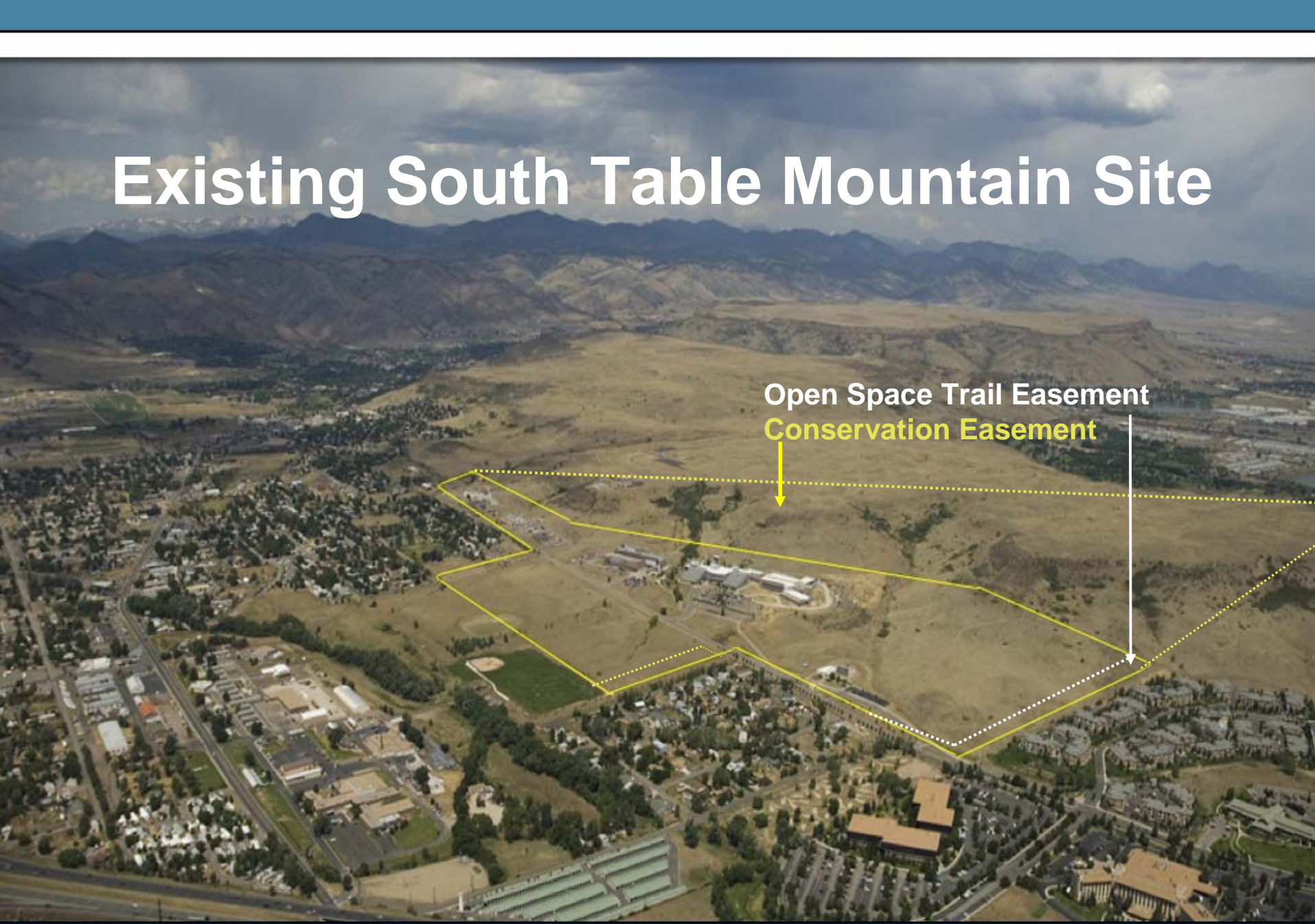
Community Meeting

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U.S. Department of Energy

November 14, 2006

Existing South Table Mountain Site

Open Space Trail Easement
Conservation Easement



NEPA Review Process

- **National Environmental Policy Act (NEPA)**
 - NEPA Public Scoping process encourages public participation
 - Environmental Assessments (EAs) will examine the potential impacts of proposed projects
- **Public Scoping**
 - Federal, state, and local agencies, organizations, and the public are invited to provide input to the EAs
 - Identify issues believed to be pertinent to the analysis of the potential environmental impacts of the proposed projects
 - DOE will send out *Scoping Letters* on the proposed project(s) and invite your participation
- **Sign-up Sheets in the Back**
- **Questions on NEPA?**
 - Steve Blazek, DOE NEPA Compliance Officer, 303.275.4723



IBRF

RFHF

RSF1

Infrastructure

Renewable Fuels Heating Facility

- Reduce the cost of heating NREL buildings
- Wood-fired furnace to heat a portion of South Table Mountain facilities
 - Displaces natural gas use with renewable resource (local forest thinnings & wood chips)

RFHF



Conceptual Design Underway

Scoping Letter Available Today

Design/Construction Spring 2007

Research Support Facilities

- Consolidate Administration and Research Organizations on DOE's South Table Mountain Site
- Design and Construct a ~30K to ~70K GSF Support Building (\$9.9M+)
 - National Showcase for Energy Efficiency and Renewable Energy

RSF I

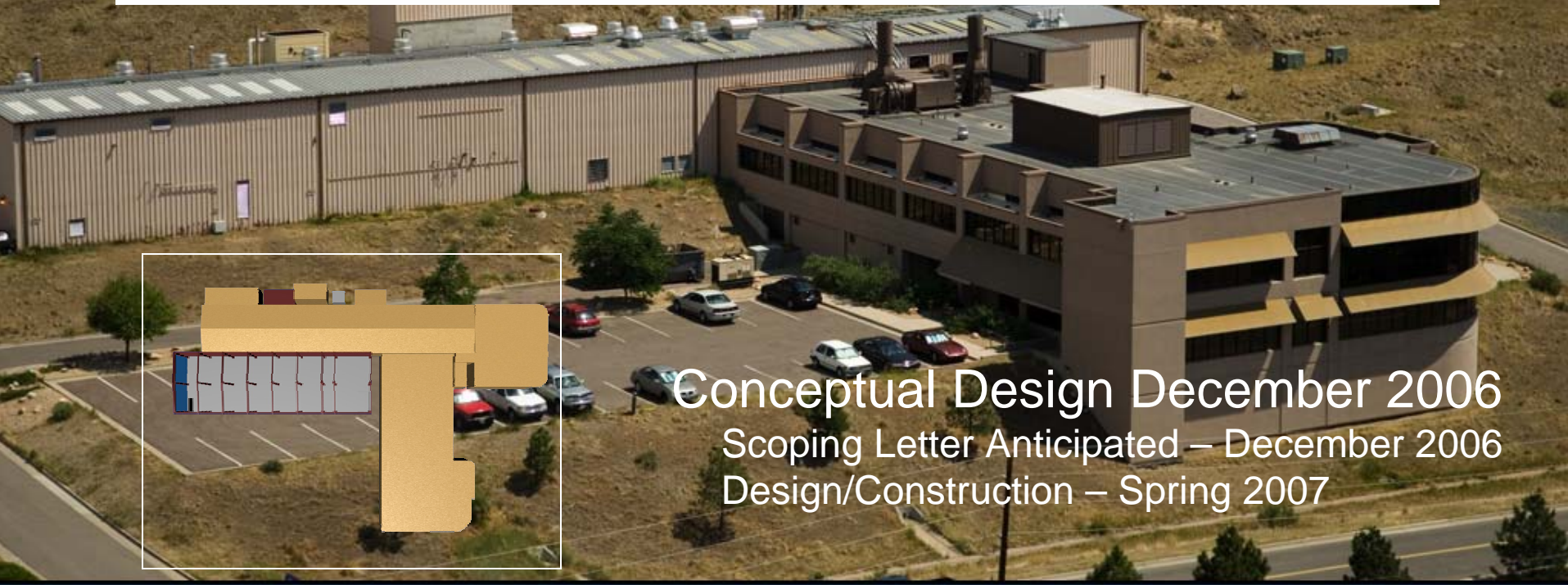
Conceptual Design Underway

Scoping Letter Anticipated - December 2006

Design/Construction - Spring 2007

Integrated Biorefinery Facility

- Enhance NREL's biomass to ethanol research capability
- Expand the Current Alternative Fuels User Facility (\$19.5M)
 - 21,000 sf (7,000 sf footprint) addition



Conceptual Design December 2006
Scoping Letter Anticipated – December 2006
Design/Construction – Spring 2007

Infrastructure Upgrade Project

- Install infrastructure to support current and future STM site development
- Utilities, roads, and other improvements (\$2.5M)

Conceptual Design Underway
Scoping Letter Anticipated – December 2006
Design/Construction – Spring 2007