CONDITION ASSESSMENT SURVEY PROGRAM

SLAC NATIONAL ACCELERATOR LABORATORY

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SLAC
NATIONAL ACCELERATOR LABORATORY

AGENDA

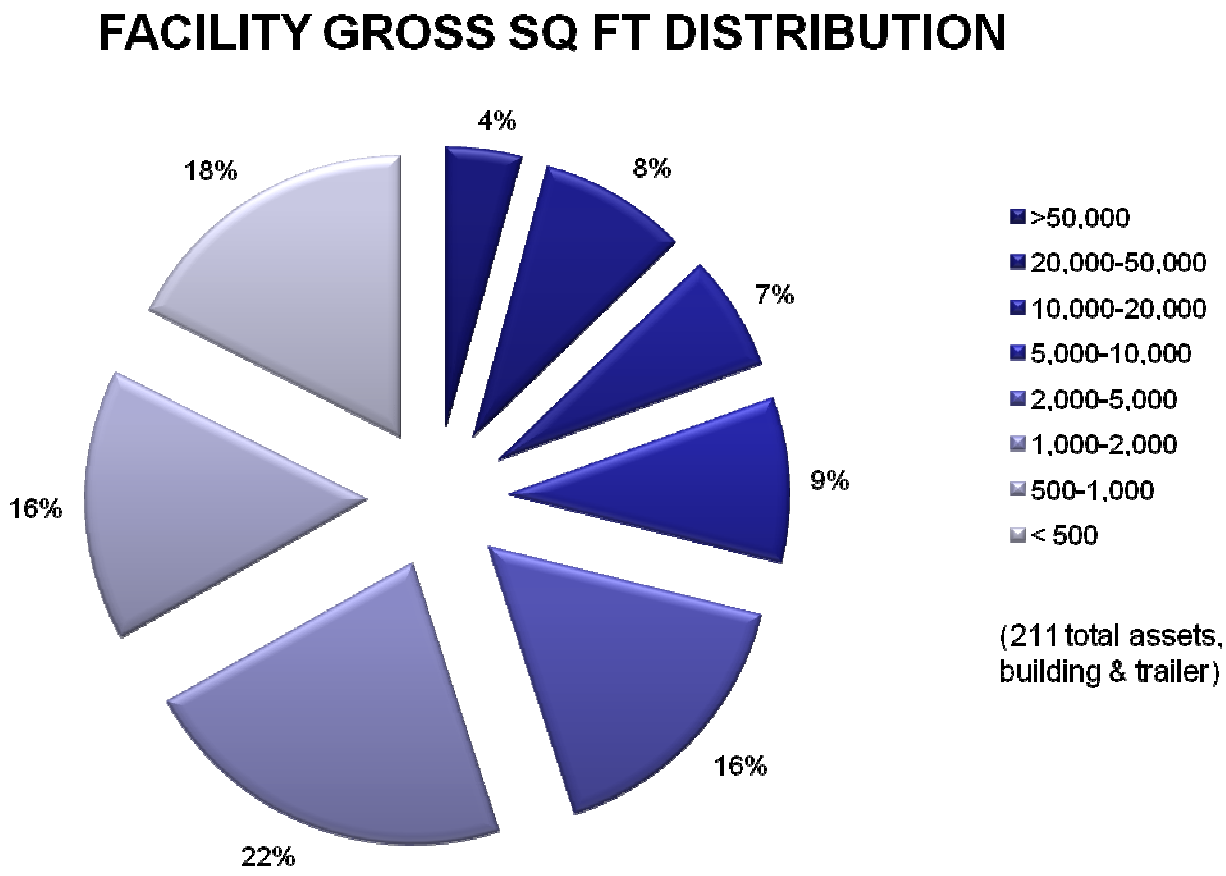
- Introduction
- SLAC Assets
- SLAC CAS History
- CAS Database
- Document & Cost CAS Data
- Future Goals

INTRODUCTION

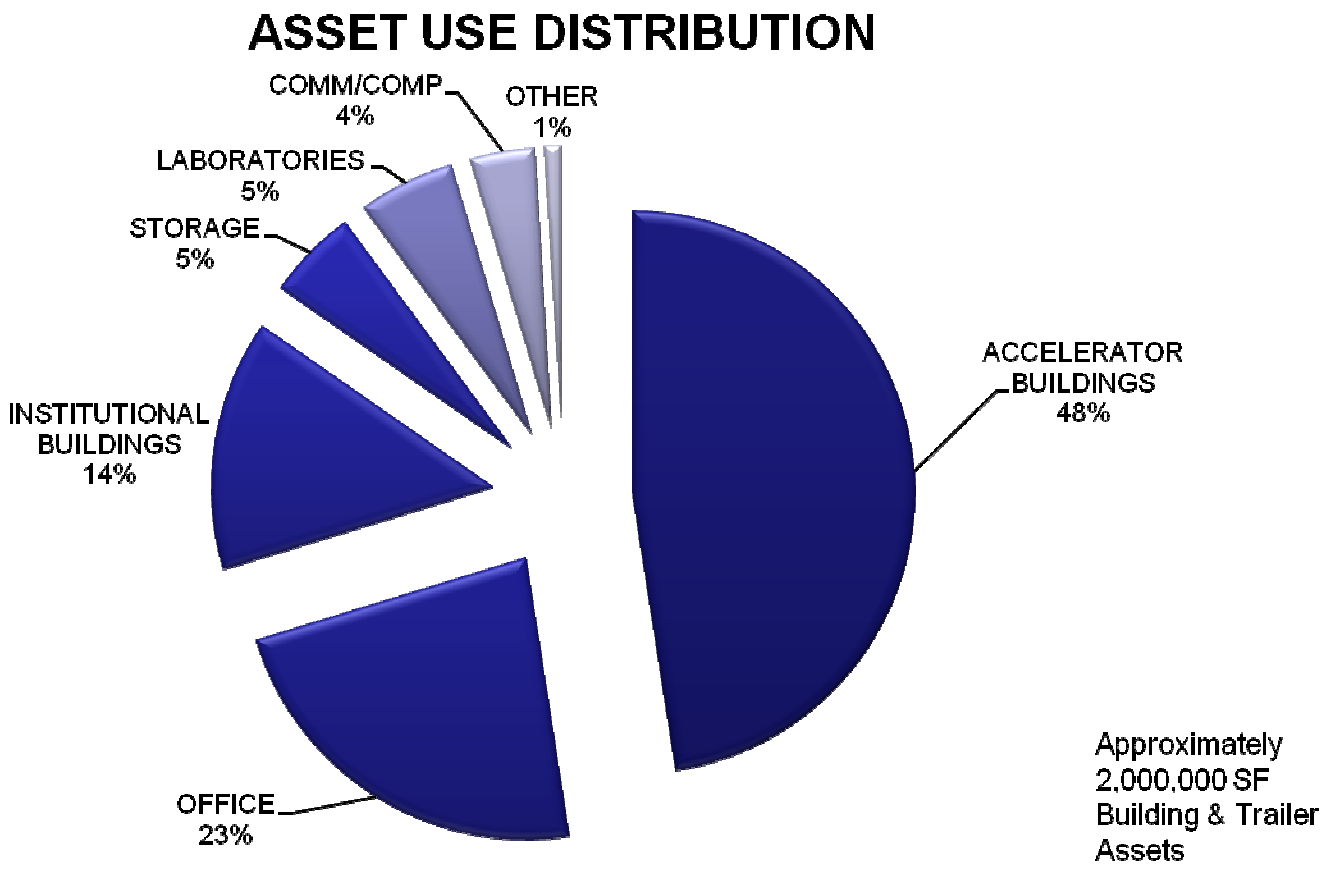
- Lawrence Livermore National Laboratory – 1989-2007
  - Plant Engineering: Facilities / Design & Const.
  - Engineering: HEAF Facility Mech. Engineer

- Naval Nuclear Propulsion Program – 1982-1988

SLAC ASSETS

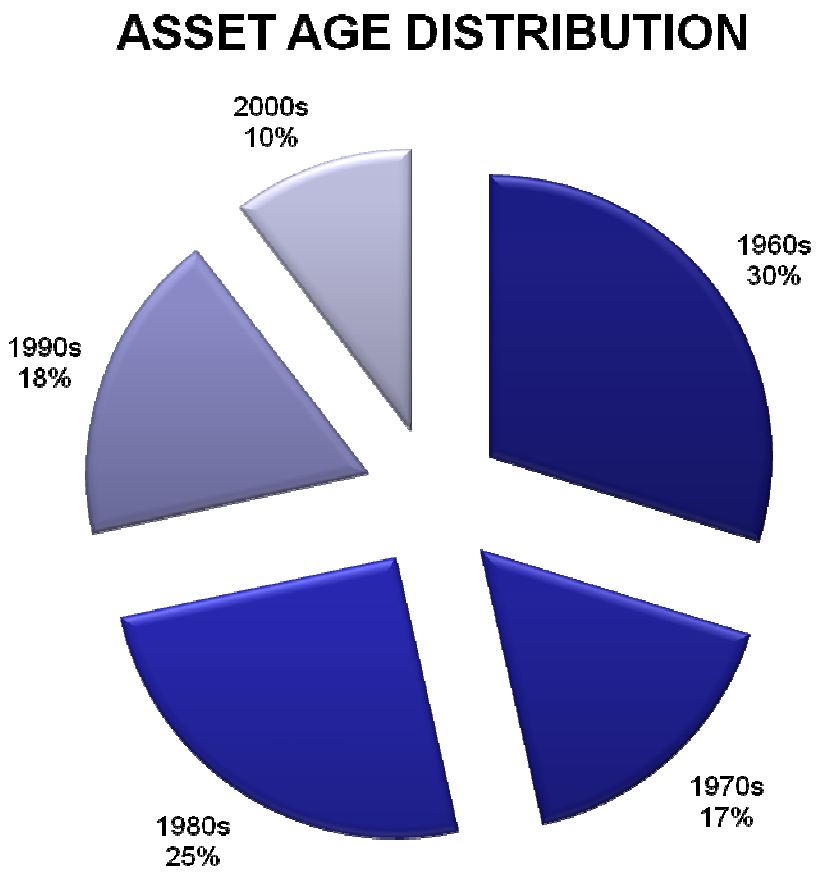

FACILITY GROSS SQ FT DISTRIBUTION
4%
8%
7%
9%
16%
22%
16%
18%
>50,000
20,000-50,000
10,000-20,000
5,000-10,000
2,000-5,000
1,000-2,000
500-1,000
< 500
(211 total assets, building & trailer)

SLAC ASSETS



Approximately 2,000,000 SF Building & Trailer Assets

SLAC ASSETS



211 total assets,
building & trailer

SLAC CAS HISTORY

- In House CAS Work
- Subcontract Work
- Current Status

DOCUMENT & COST CAS DATA

- Initial Database Entry & Issues
- Crossover to CAIS & CostWorks
- Current Status

CONVERSION TO CAIS

- Separate CAS & Estimating Processes
- Efficiency of Utilizing CAIS
- Expertise Within DOE Complex

FUTURE GOALS

- Develop In-House CAS Capabilities
- Develop CAS Data Capture System
- Identify Deferred Maintenance
- Fully Utilize CAIS/FIMS Capabilities