A Strategic Framework
for Land Use and
Capital Investment
at U C Berkeley
Strategic Context

- Identify the key academic challenges UC Berkeley faces in the 21st century
- Formulate principles and proposals to address these challenges
- Create a vision of the physical campus based on these principles
- Establish a framework of policies and initiatives to guide land use and capital investment through 2020

Academic Plan

New Century Plan

2020 LRDP
Key Academic Plan Principles

- Integrate Research & Education
- Maintain Research Leadership
- Pursue New Academic Initiatives
- Stabilize Enrollment
- Build an Interactive Campus
- Invest in Housing
Drivers of Growth

- Stabilize enrollment at 33,450
  Previous LRDP max of 29,450 plus
  Tidal Wave II growth of 4,000

- Accommodate growth in research
  Projected growth based on average
  3.6%/year real growth 1990-2001

- Renew the campus to meet demands
  of modern education and research
Drivers of Renewal

- 2/3 of campus space is in buildings at least 40 years old

- Both education and research are increasingly constrained by the condition of the facility inventory

Buildings > 40 years old
Drivers of Renewal

• Nearly 1/2 of UC Berkeley space has required seismic upgrades

• To date, nearly 50% of this space has been improved - another 25% is underway or in design

• Seismic funds should be leveraged to renovate or replace, rather than just repair, obsolete buildings

- Require seismic upgrades
- Upgrades complete/underway
Key Campus Design Principles

• Create Optimal Solutions for the Whole Campus

• Exemplify Conservation and Environmental Stewardship

• Preserve and Enhance our Legacy of Architecture and Landscape
Key Campus Design Principles

• Promote a Strong and Vital Intellectual Community

• Improve the Synergy of Campus and Community

• Enhance the Quality of Campus and City Life
Space Demand

- Renewal need driven by age & change
  2/3 campus space >40 years old
  Many older buildings unable to meet modern performance demands

- Expansion need driven by growth
  14% growth in enrollment *plus*
  future growth in research programs
  450,000 gsf deficit in 2001-2002

- Space demand based on projected growth and UC-wide guidelines
Dimensions of Growth

**Academic & Support** (+2,200,000 net new gsf)

- Existing A+S Space 2001-2002
- Already CEQA Approved
- Addl Demand by 2020

**Parking** (+2,300 net new car spaces)

- Existing Spaces 2001-2002
- Already CEQA Approved
- Addl Demand by 2020: Phase 1
- Addl Demand by 2020: Phase 2

**Housing** (+2,600 net new bed spaces)

- Existing Beds/Units 2001-2002
- Already CEQA Approved
- Addl Demand by 2020
- Proposed University Village
Campus Land Use

- Concentrate academic program growth on the Campus Park & Adjacent Blocks

- Prioritize space on the Campus Park for programs that engage students

- Use the City-UC Southside Plan as the guide for future Southside projects

- Maintain the Hill Campus as a natural resource for research, education, and recreation
Campus Land Use

- Accommodate growth primarily thru more intensive use of UC owned land
- Redevelop underutilized sites more intensively with new buildings
- Renovate or replace existing buildings with seismic or functional deficiencies
- Pursue mixed-use projects to enhance cultural and economic vitality on the adjacent blocks

UC candidate sites
Maintain the Hill Campus as a natural resource for research, education, and recreation

Limit new projects to sites adjacent to existing buildings, roads, infrastructure

Maintain the visual primacy of the natural landscape in the Hill Campus

Manage the landscape to minimize fire risk and restore native vegetation
Campus Housing

- Expand UC single student housing to accommodate:
  - 100% of entering freshmen \textit{plus}
  - 50% of sophomores & transfers \textit{plus}
  - 50% of entering graduate students

- Maintain and upgrade UC student family housing

- Provide up to 3 years of UC housing to new junior faculty
Campus Access

- Locate UC housing within a mile radius or <20 minutes by transit

New UC Housing Zone

- Expand incentives for alternate modes based on City-UC TDM study

- Expand UC parking inventory to accommodate:
  - Current unmet demand *plus*
  - Future growth at current drive-alone and rideshare ratios
  - Reduce parking expansion if BRT project underway by 2010

20 minute transit + walk to Doe Library

1 mile radius to Doe Library
Campus Landscape

- Preserve and protect significant views, natural areas, and open spaces
  - Natural riparian areas
  - Campus woodlands
  - Hill woodlands
  - View & open space preserves

- Establish investment program to restore and enhance the Campus Park landscape
  - Landscape Master Plan
  - Landscape Heritage Plan
Campus Landscape

Memorial Glade at Doe Library

Strawberry Creek

Faculty Glade

West Oval Glade
Campus Architecture

- Prescribe general design guidelines for new projects in the Campus Park

- Prescribe special guidelines for areas of strong contextual influence:
  - Classical core
  - City interface
  - National Register buildings

- Create project-specific guidelines for each major new project
Campus Architecture

Picturesque Tradition

Faculty Club

Center for Information Technology Research

North Gate Hall

Haas School of Business

UC BERKELEY 2020 LRDP
Strategic Investment

• Evaluate a full range of solutions for each capital investment decision

• Consider joint ventures that leverage UC resources with private land and capital

• Base capital investment decisions on life cycle cost including future expenditures

• Design new projects to a standard equal to LEED 2.1 certification
Path to 2020 LRDP

Guidance

- Academic Plan completed Aug 2002
- New Century Plan completed Dec 2002
- Chancellor designates 2020 LRDP
  Steering Committee Dec 2002
    Academic Senate Chair & Vice Chair
    4 Vice Chancellors
    2 Vice Provosts
    Graduate Dean
    Grad & Undergrad Student Reps
Path to 2020 LRDP

Outreach

- Two ‘open house’ forums Mar 2003
- Notice of Preparation of EIR Aug 2003
- Scoping mtg w/citywide mailer Sep 2003
- Draft EIR preview with City staff Apr 2004
- Draft 2020 LRDP & EIR published Apr 2004
- Two public hearings May 2004
- 65 day public comment period: >300 letters
- Final EIR preview with City staff Dec 2004
**Significant & Unavoidable Impacts**

- **Air**
  - May hinder achievement of the Clean Air Plan
  - May contribute to cumulative increase in toxic air contaminants

- **Cultural Resources**
  - May adversely affect historical or archaeological resources

- **Noise**
  - May expose UC housing residents to excessive noise levels
  - Demolition and construction noise may exceed city standards
**Significant & Unavoidable Impacts**

- **Traffic**
  - At 8 intersections, may create or worsen unacceptable conditions that *can* be mitigated
    
    *(but City has jurisdiction to implement mitigations)*

  - At 2 intersections, may worsen existing unacceptable conditions that *can not* be mitigated

  - May cause 7 road segments to exceed CMA service standards
Major Public Concerns

• Hill Campus faculty housing
  Draft LRDP includes up to 100 units of faculty housing in hills
  Concerns include fire & earthquake hazard, emergency access, traffic, visual and ecological impacts

• Amount of new parking
  Draft LRDP includes up to 2300 net new spaces: 30% increase
  Concerns include traffic, air quality, investment in alternate modes, land & resource consumption

• Future project review
  Concern that future UC Berkeley projects could use LRDP EIR to proceed without adequate public notice or input
Response to Public Concerns

• Hill Campus faculty housing
  2020 LRDP revised: no new UC housing in Hill Campus
  Academic Plan goals can be met within urbanized areas

• Amount of new parking
  2020 LRDP revised: 500 of 2300 spaces deferred til after 2020
  Reduction contingent on full route approval and start of construction on AC Transit Bus Rapid Transit project by 2010

• Future project review
  2020 LRDP revised: City representative invited to participate in UC design review of all projects in the City Environs
  UC Berkeley makes informational public presentations to City on all projects in the City Environs
Project Review

The 2020 LRDP provides a policy framework to guide project review:

- Does the project advance our academic goals and our longterm vision of the Berkeley campus?

- Is the project the optimal use of resources and the best solution for the campus as a whole?

- Does the project preserve and enhance our extraordinary legacy of landscape and architecture?

- Does the project promote the quality and vitality of campus and city life?