Sustainable Development

South Lake Union and Beyond

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SLU Sustainable Neighborhood Redevelopment **Opportunities**

- Proximity to civic, recreational and employment centers
- Progressive development community
- Strong neighborhood cohesion
- Drainage infrastructure investment
- Successful adjacent mixed use zoning

SLU Sustainable Neighborhood Redevelopment **Challenges**

- Relatively underserved by transit
- Post ‘Commons’ shadow
- Outmoded neighborhood plan
- Degraded urban forest
- Drainage infrastructure investment

Key Achievements

- Street car via L.I.D. and City
- Extended Transportation Demand Management via SDOT, Metro, DSA's Urban Mobility Group
- Neighborhood Plan Update
- Biotech economic development cluster
- Park developments, green street program

Livable South Downtown Recommendations

- Sustainable new buildings/historic preservation
- Pedestrian/freight mobility balance
- Green business – eco-industrial park
- Rights-of-way as open space resources
- Urban greening and habitat enhancements
- Sustainable development demonstration zones

Others ways to think about this …

Natural Environment (ecological function and footprint reduction)

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Built Environment (land use, open space, transportation infrastructure and services, buildings)

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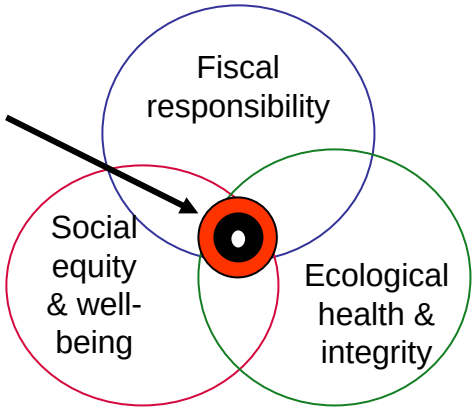
Community (health, equity, social capital, economic vitality, quality of life)

Triple lifecycle design perspective: fiscal, environmental and social

Sustainable design solutions are here



SEATTLE PARKS AND RECREATION

Initial capital costs

Revenue generation capacity

Fiscal

Maintenance and operational costs

Engage new potential users

Indoor environmental quality

Social Benefit

Improve multi-modal access

Deter crime, enhance safety

Initial and ongoing materials and resource use

Stormwater management

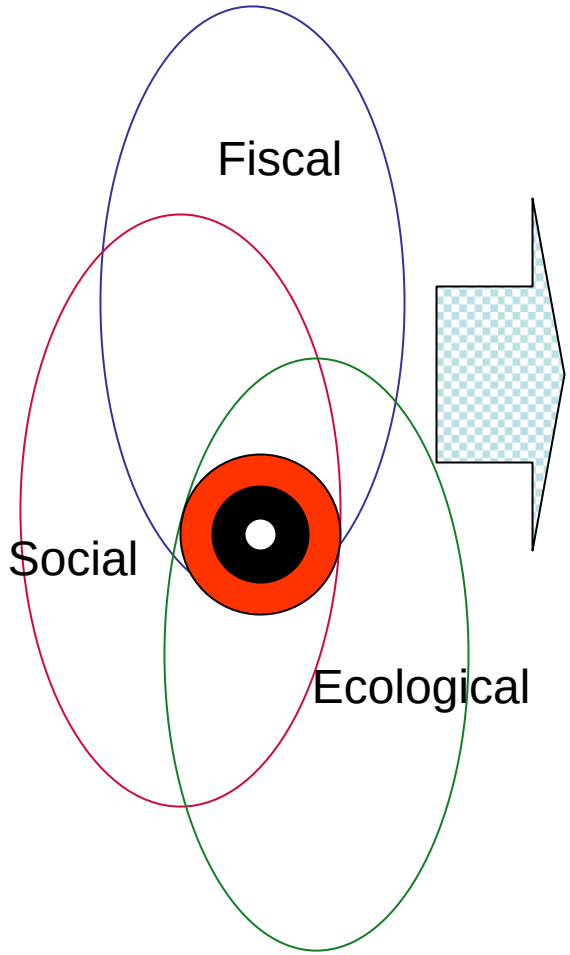
Environmental

Ecological function

Energy and water efficiency

Lifecycle perspective on fiscal, social and environmental sustainability

Possible park building and site features and characteristics



‘Top 10’ goals for ‘05

- **Smart roof designs** (skylights, more slope and overhang)
- **Easy mow turf designs**
- **Revenue generation capacity**
- **Engaging new users in design decisions**
- **Enhanced multi-modal access**
- **Crime deterrence measures**
- **Stormwater runoff reduction**
- **Rainwater harvest**
- **Native landscape restoration**
- **Increased daylight**
- **High-efficiency irrigation**