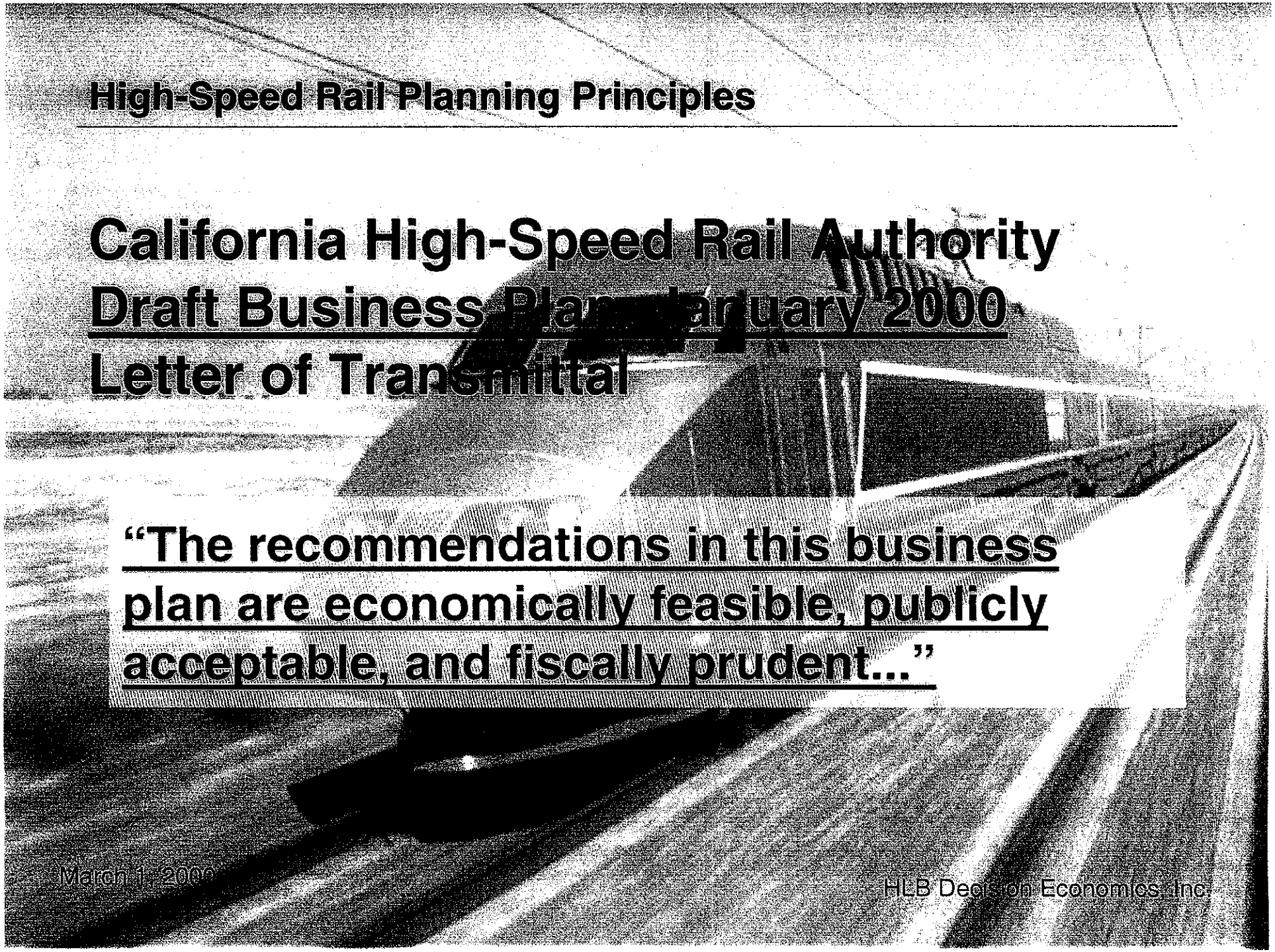


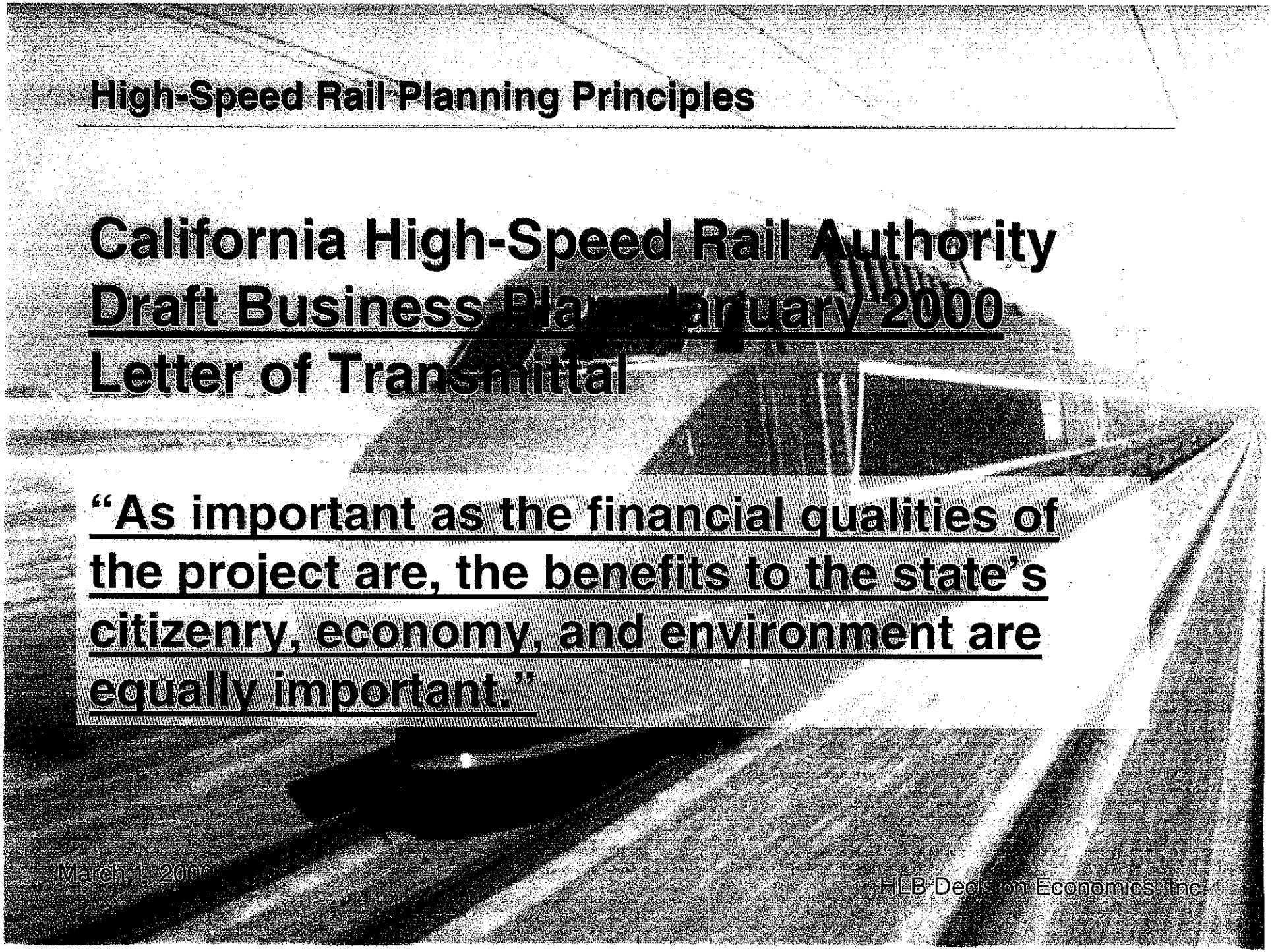
High-Speed Rail Planning Principles

California High-Speed Rail Authority
Draft Business Plan – January 2000
Letter of Transmittal

"The recommendations in this business plan are economically feasible, publicly acceptable, and fiscally prudent..."

California High-Speed Rail Authority
Draft Business Plan – January 2000
Letter of Transmittal

"The importance of the state's transportation infrastructure to the economic vitality of the state cannot be underestimated."



High-Speed Rail Planning Principles

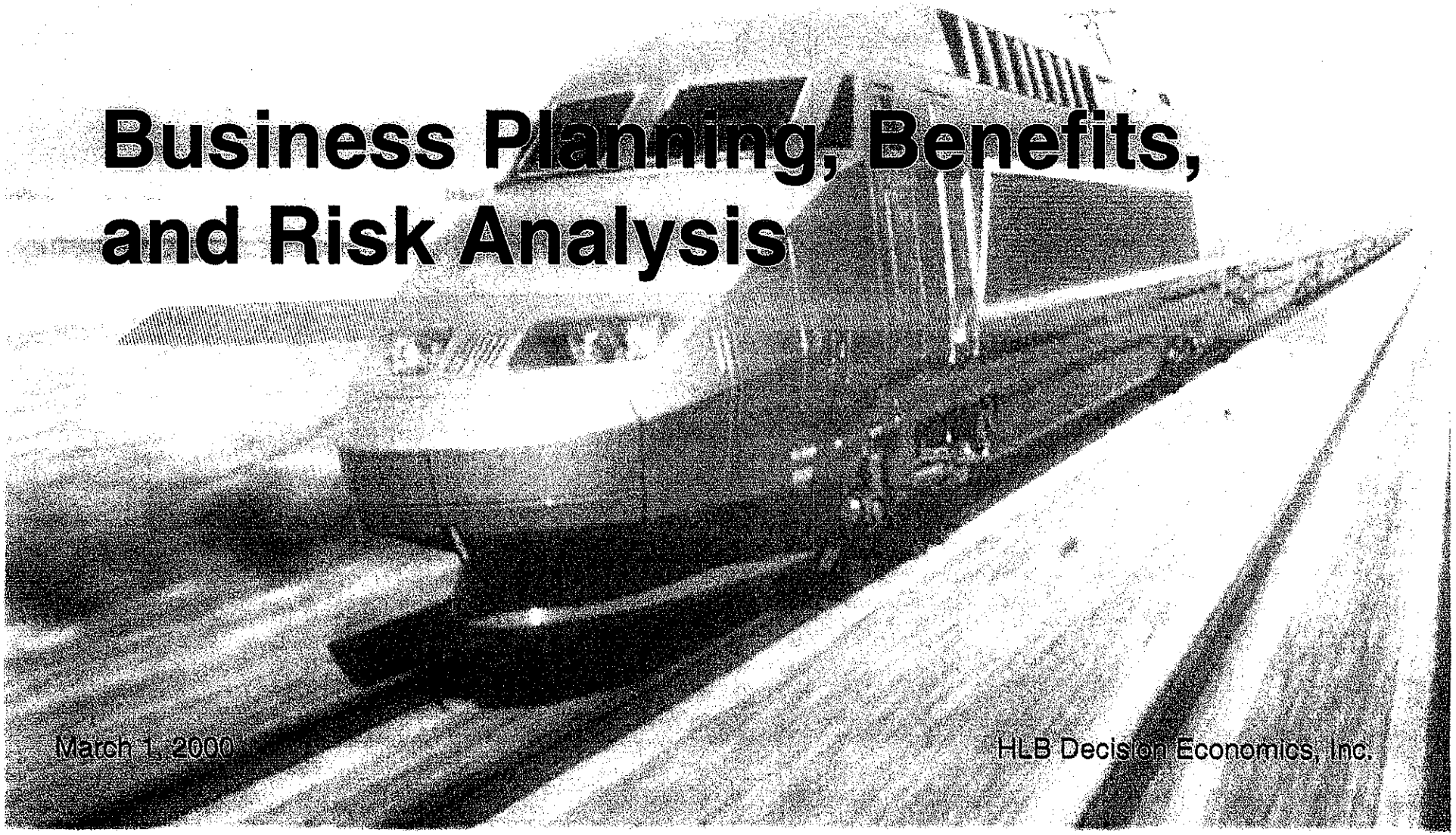
California High-Speed Rail Authority
Draft Business Plan - January 2000
Letter of Transmittal

"As important as the financial qualities of the project are, the benefits to the state's citizenry, economy, and environment are equally important."

March 1, 2000

HLB Decision Economics, Inc.

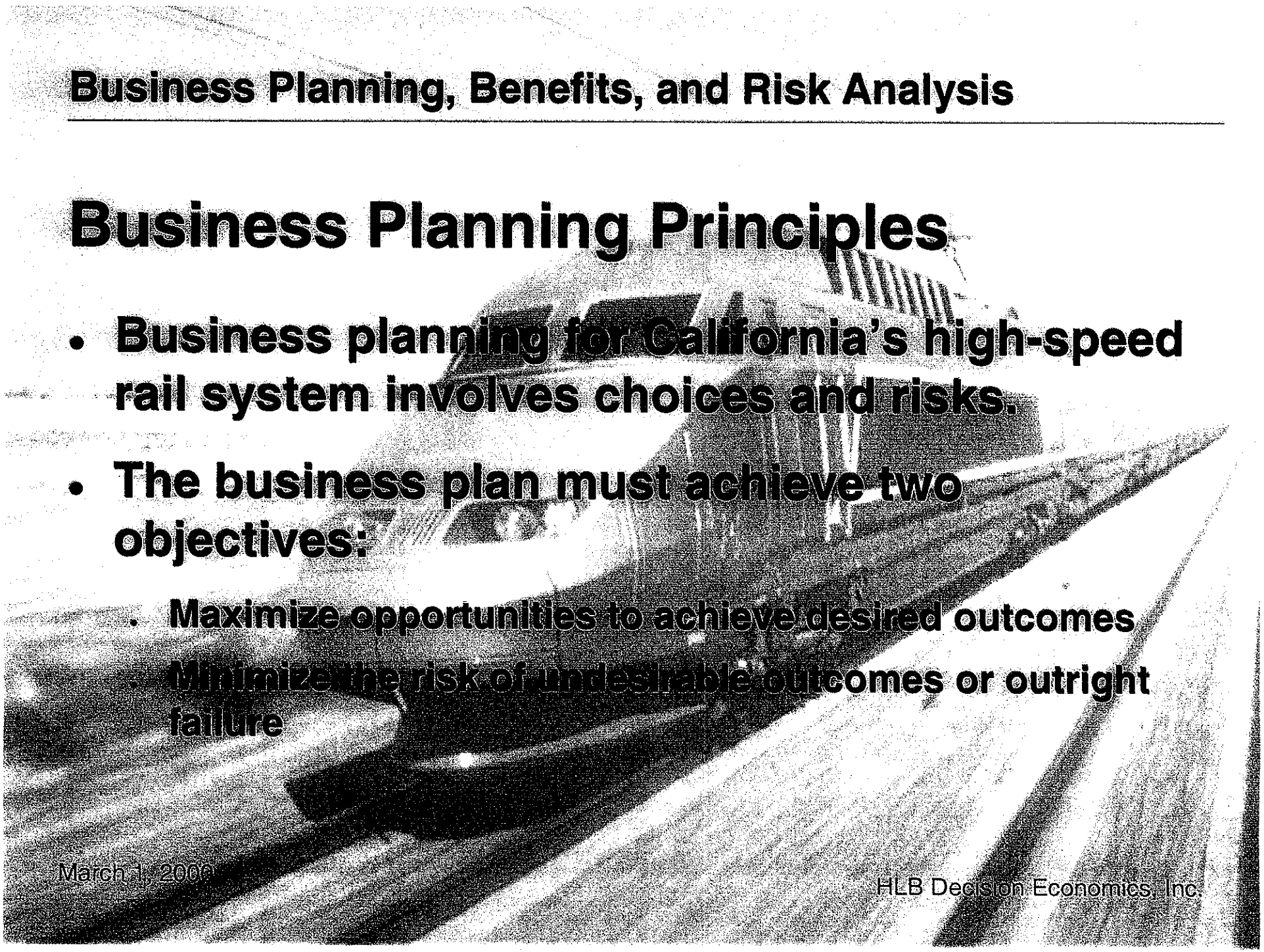
Business Planning, Benefits, and Risk Analysis



March 1, 2000

HLB Decision Economics, Inc.

Business Planning Principles

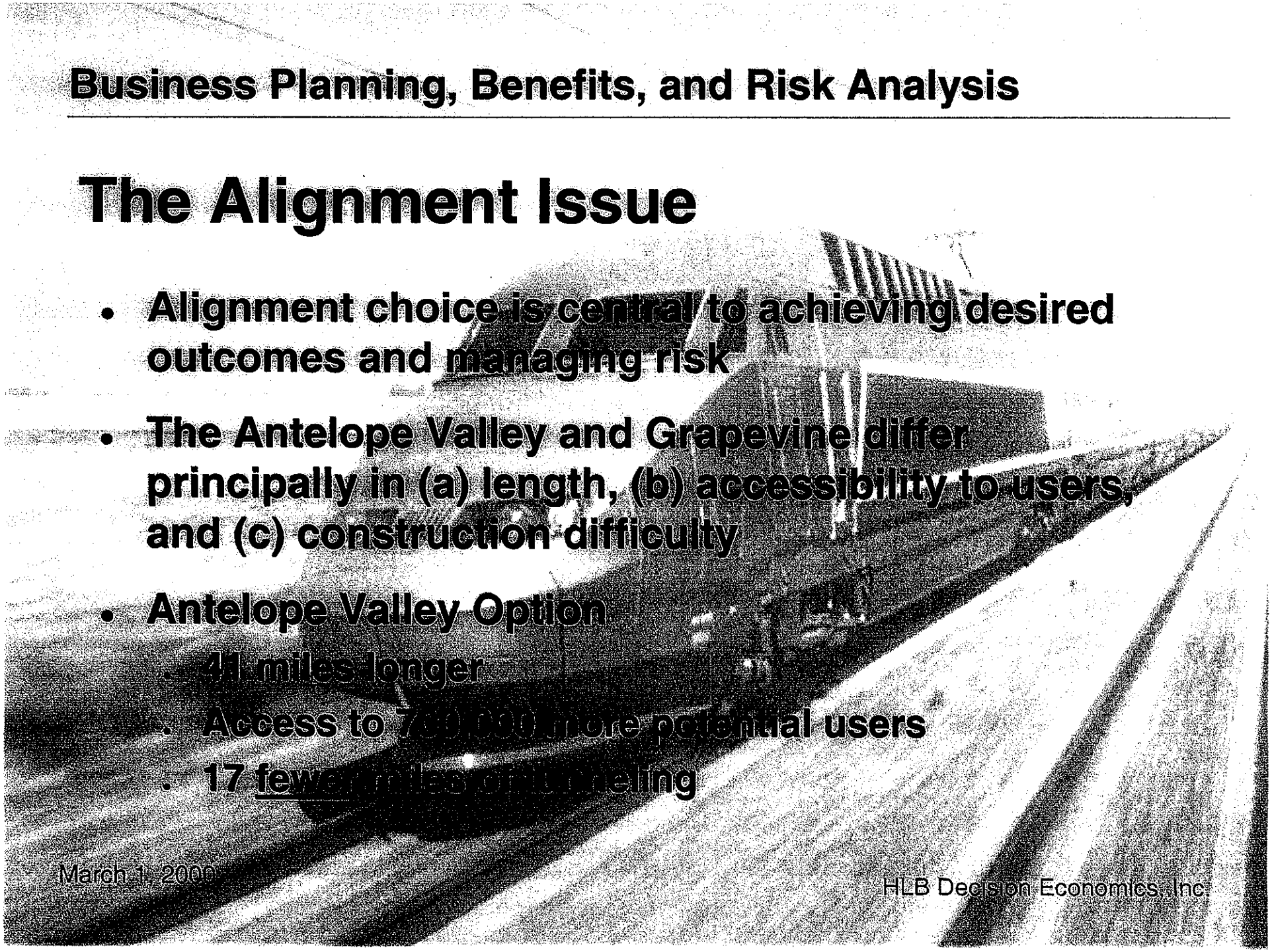


- Business planning for California's high-speed rail system involves choices and risks.
- The business plan must achieve two objectives:
  - Maximize opportunities to achieve desired outcomes
  - Minimize the risk of undesirable outcomes or outright failure

Key CHSRA Business Planning Questions

- Which alignment between Los Angeles and Bakersfield offers the best prospect for (a) ridership and revenue, (b) economic integration, and (c) overall project economic viability?
- Which alignment presents the lowest risk of higher construction cost and schedule delay?

The Alignment Issue



- Alignment choice is central to achieving desired outcomes and managing risk
- The Antelope Valley and Grapevine differ principally in (a) length, (b) accessibility to users, and (c) construction difficulty
- Antelope Valley Option
  - 41 miles longer
  - Access to 7,000,000 more potential users
  - 17 fewer miles of tunneling