



The Mars Exploration Rover Mission

JPL Mars Exploration Rover Mission

- **Scientific goals:** search for and characterize a wide range of rocks and soils that hold clues to past water activity on Mars
- Part of NASA's Mars Exploration Program which includes three previous successful landers; the two Viking landers in 1976 and Pathfinder in 1997, and now Mars Phoenix in 2008
- Total cost of building, launching, landing and operating the rovers for the initial 90 sol-long primary mission: \$820 million
- Both rovers still functioning over **four years** after landing!



Mission timeline

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- Launched separately in summer 2007 on Delta II rockets
- Landed January 2004 on opposite sides of Mars













