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From: **Computer Systems Policy Project**  
One Pager On: **Broadband: Supply, Demand and the Role of Regulatory Policy**  
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## **Recommendations for Action on Wired Broadband Deployment**

In order to overcome the challenges in both supply and demand that prevent us from fully developing a **robust, secure 21<sup>st</sup> Century information and telecommunications network**, the Computer Systems Policy Project (CSPP) believes that policymakers must look beyond the current debate and set **ambitious long-term goals** to drive demand and deployment. By year-end 2003, 80% of U.S. homes should be able to get at least 1.5 Mbps capacity and 50% of U.S. homes should be able to get 6 Mbps from at least two providers. Further, CSPP proposes that by the end of the decade 100 million homes and small businesses should be able to get up to 100 Mbps affordable broadband capacity.

In order to meet these goals, CSPP recommends:

### **Regulatory Reform**

- Regulators at all levels of government should **review current regulations and work to eliminate barriers to infrastructure investment**. For example, the FCC should review whether unbundling regulations should apply to new **last-mile broadband facilities**. State and local governments should **review building and road codes** to assure that new "trenching" techniques can be used where appropriate.
- Government and the industry should work together to **minimize the difficulties** that providers face in securing adequate sites and **facilitate carriers' access to public rights of ways**.
- Congress should adopt **incentives to increase investment** in the infrastructure at all levels.

### **Research and Development**

- The public and private sectors should invest money in **applications that can transform the public health, safety and security networks**, as well as lead to increased demand for products.
- Industry and government should continue to invest in research and development to **boost the speed, mobility and security** of the 21<sup>st</sup> Century Networked World Infrastructure, as well as **programs in information science** that help educate the next generation of IT researchers.

### **Industry Action**

- The industry should continue to commit to **ease-of-use** in its products for consumers and businesses, and should work together to further address the **interoperability, interconnectivity and security** of networks.
  - The industry should continue to **develop richer content** that exceeds consumer expectations and drives demand. Additionally, high-tech industry leaders must commit to **resolving copyright issues** and should continue efforts to develop a **digital rights management strategy** that protects content, consumer choice and technological innovation.
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