

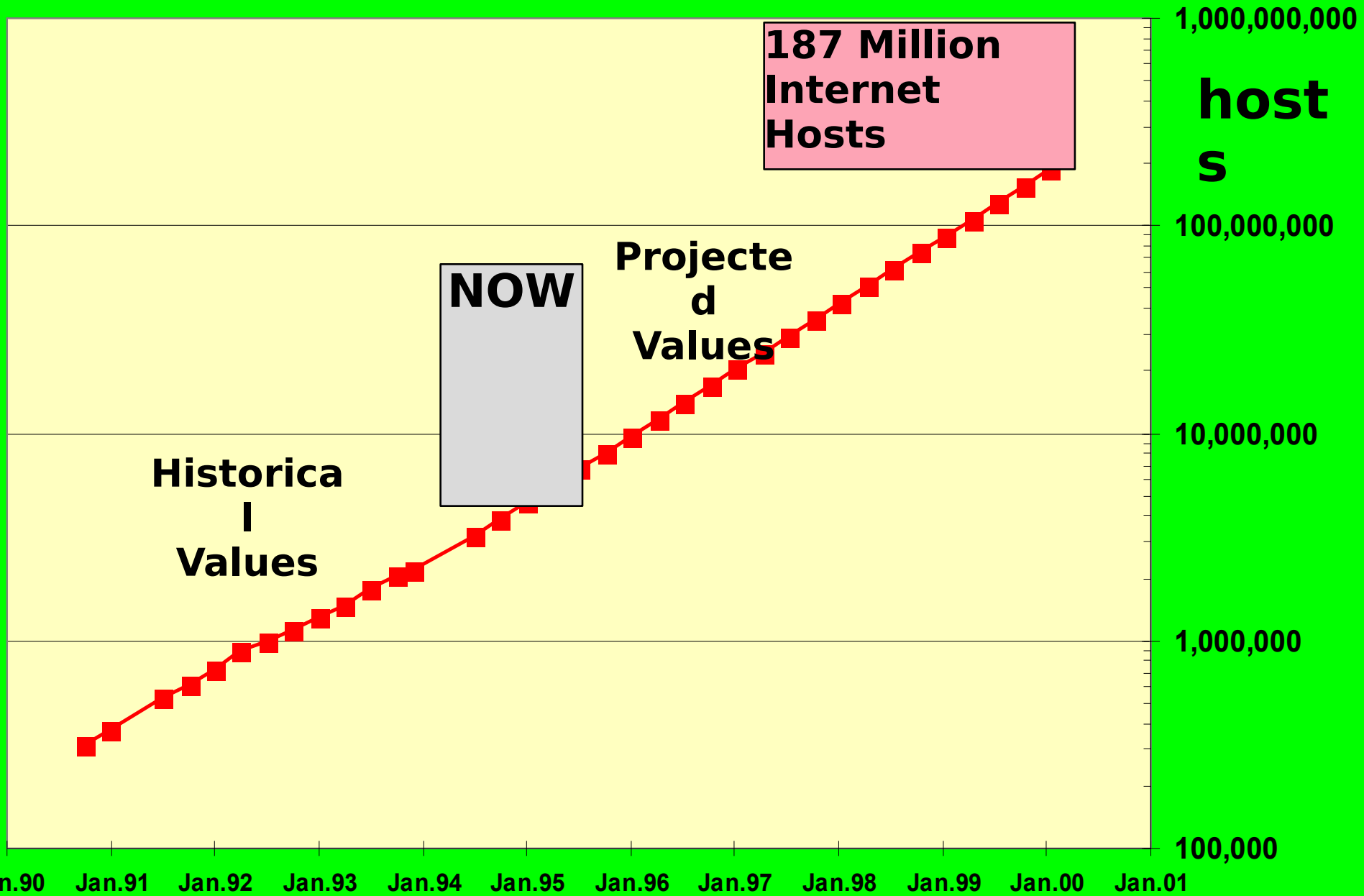
Vision of the Internet

It is not possible to predict anything in the year 2020

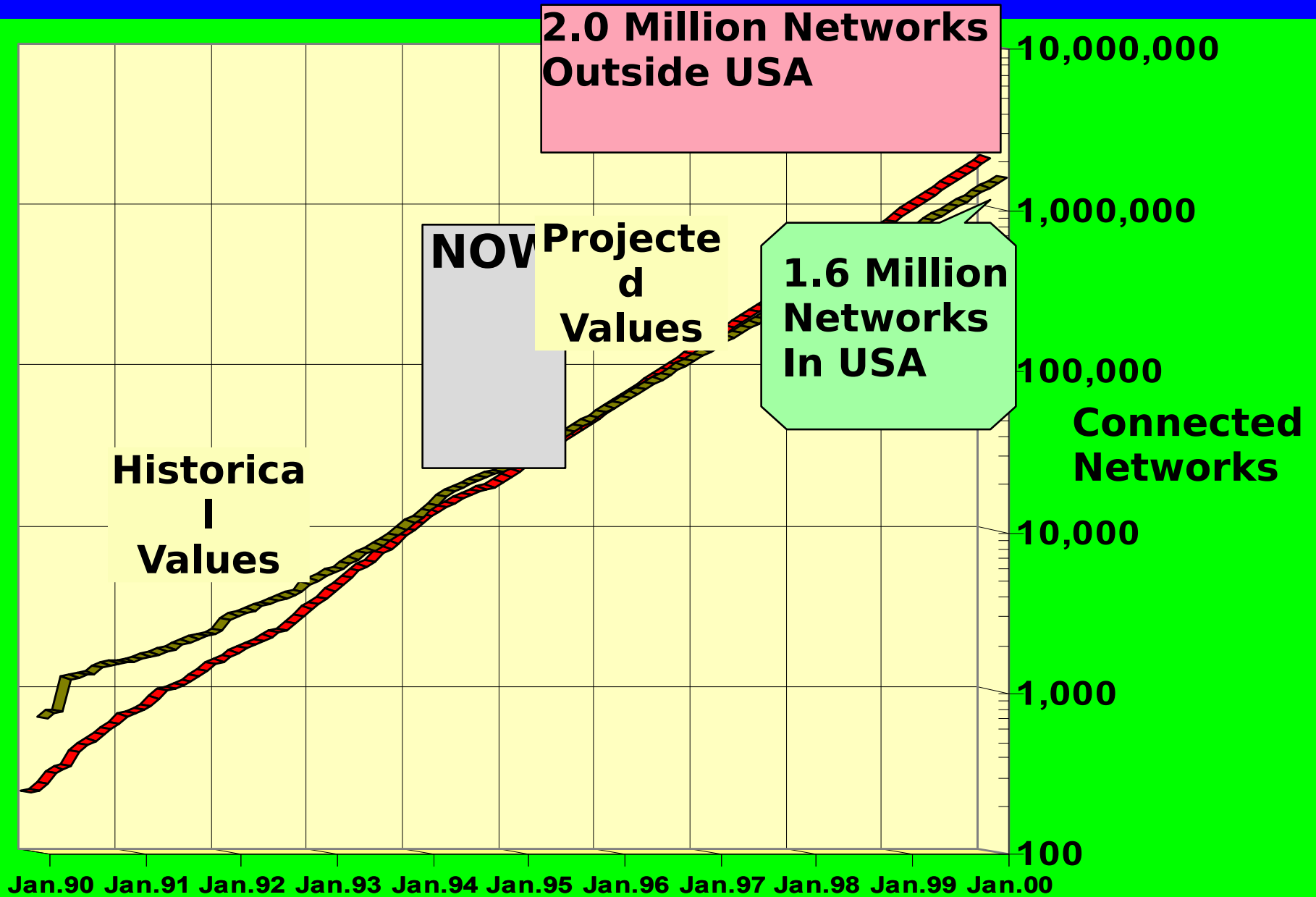
In the year 2000, Internet will :

- Have more than 100 million connected hosts**
- Have more than one million connected networks**
- Have traffic which exceeds voice telephony**
- Be ubiquitously available worldwide**
- Be ubiquitously available by all transport media**
- Support thousands of different applications**
- Be a seamless, intrinsic part of every communicative and collaborative aspect of our lives**
- Dramatically alter institutional, business, financial and political boundaries**

Internet Host Counts 1990-2000



Internet Connected Networks 1990-2000



World Wide Web Traffic 1993-2000

Bytes per Month

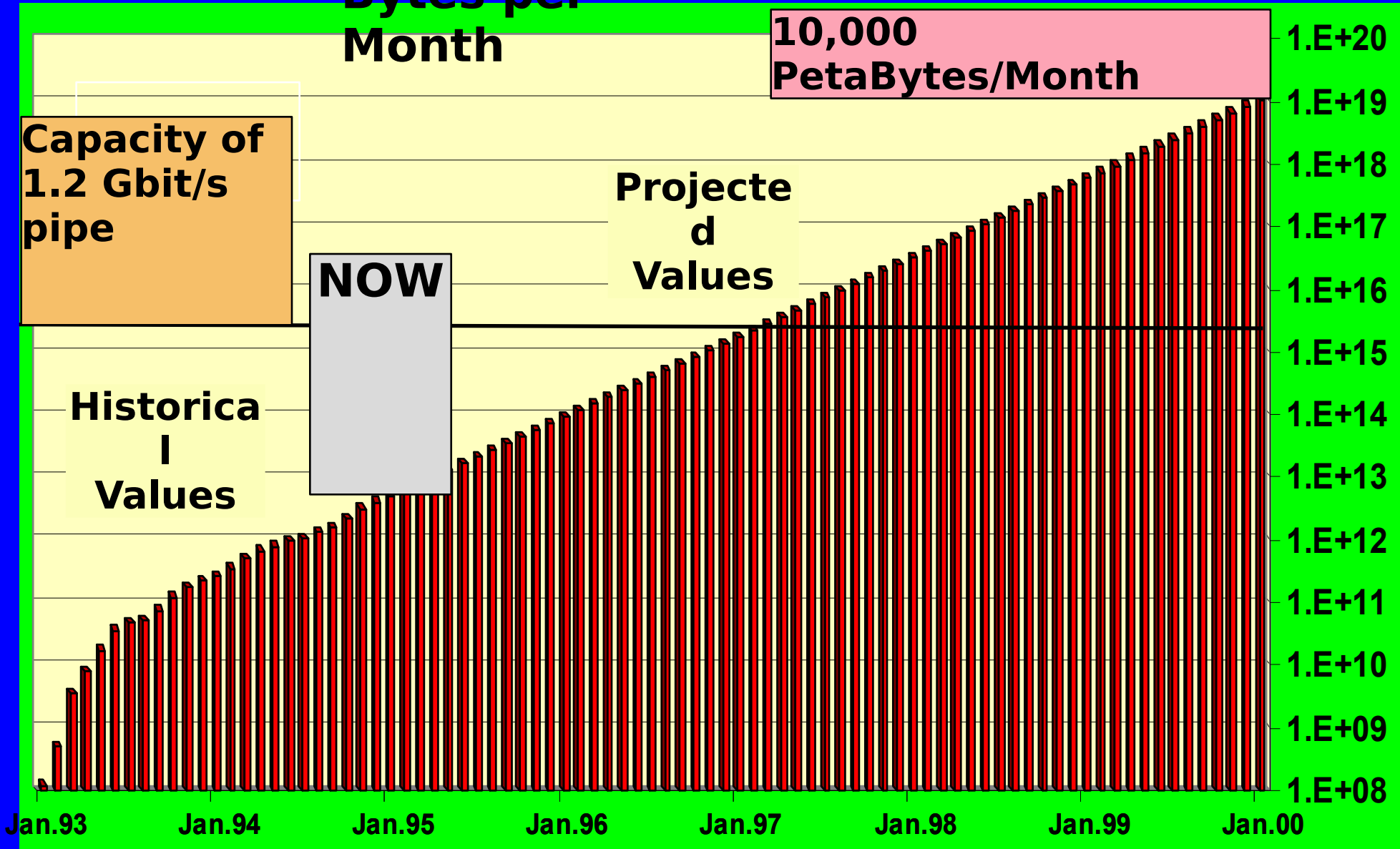
10,000
PetaBytes/Month

Capacity of
1.2 Gbit/s
pipe

NOW

Projecte
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Values

Historica
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Values



Reaching the Visions - Problems

- Ineffective telecom competition**
- Non-cost-oriented transport**
- Government regulation**
- Impediments to bottom-up information infrastructure**
- Changing institutions**
- Changing and educating people**

Killer Applications

- WWW and clients (they're here)**
- Automatic hyperlinking**
- Advanced Knowbots and other distributed information discovery tools**
- Object oriented collaborative tools**