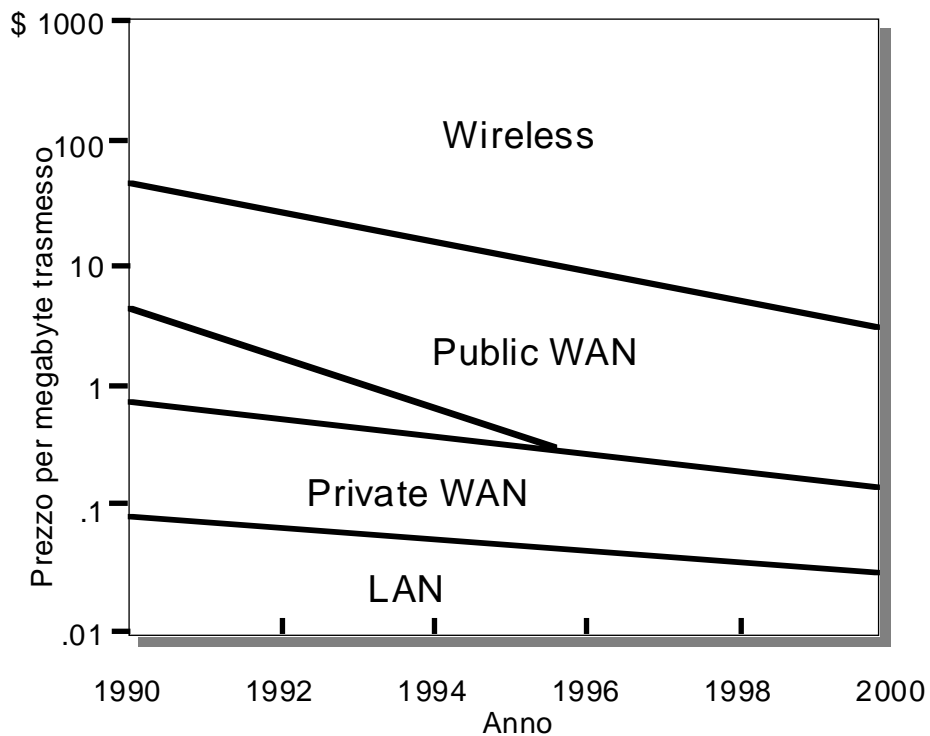


# EVOLUZIONE DELLE TELECOMUNICAZIONI

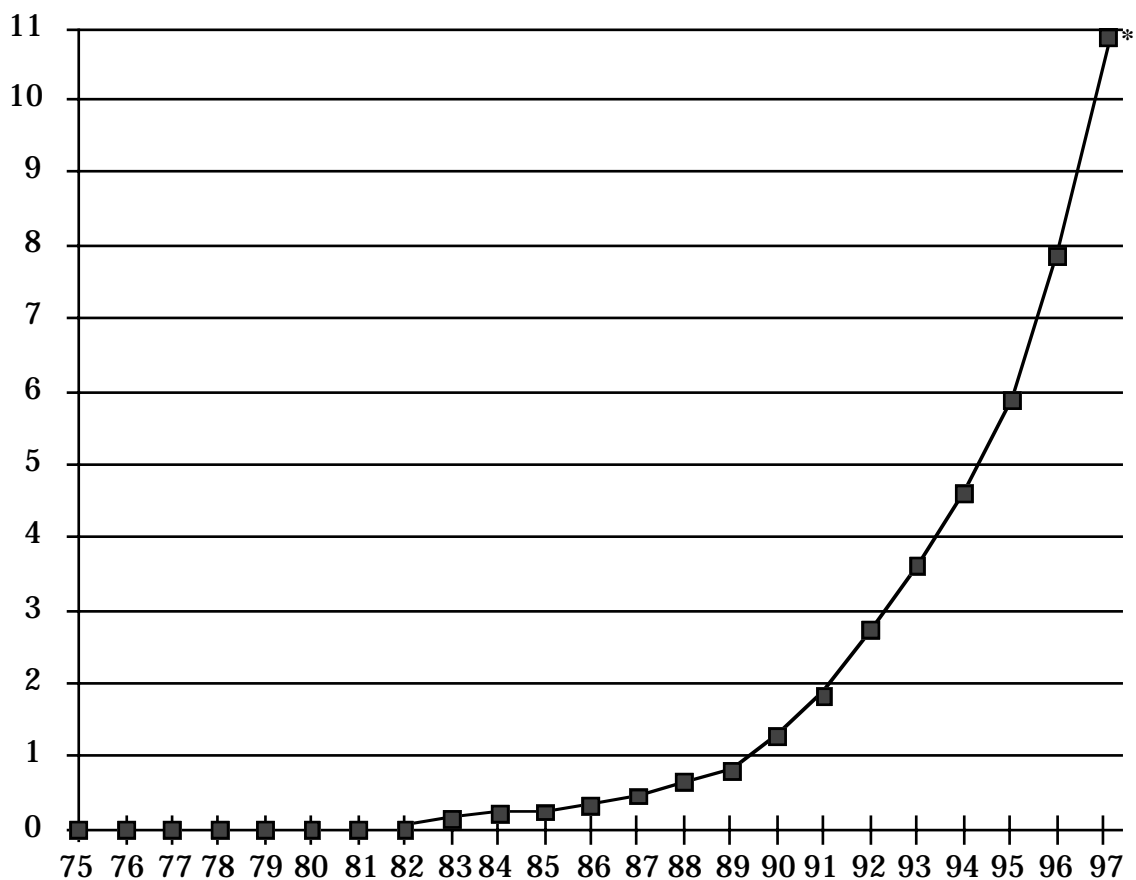


AUMENTO PERFORMANCE			
	1990		2000
• LAN	10 Mbps	→	100 Mbps
			10x
• Wireless	4.8 Kbps	→	10 Mbps
			1000x
• WAN	56 Kbps	→	45 Mbps
			1000x

fonte: Kosslor Marketing, Lodeway Group, Dataquest, Booz Allen & Hamilton Analysis

# CRESCITA DI MICROSOFT

Fatturato  
(x 1B US\$)



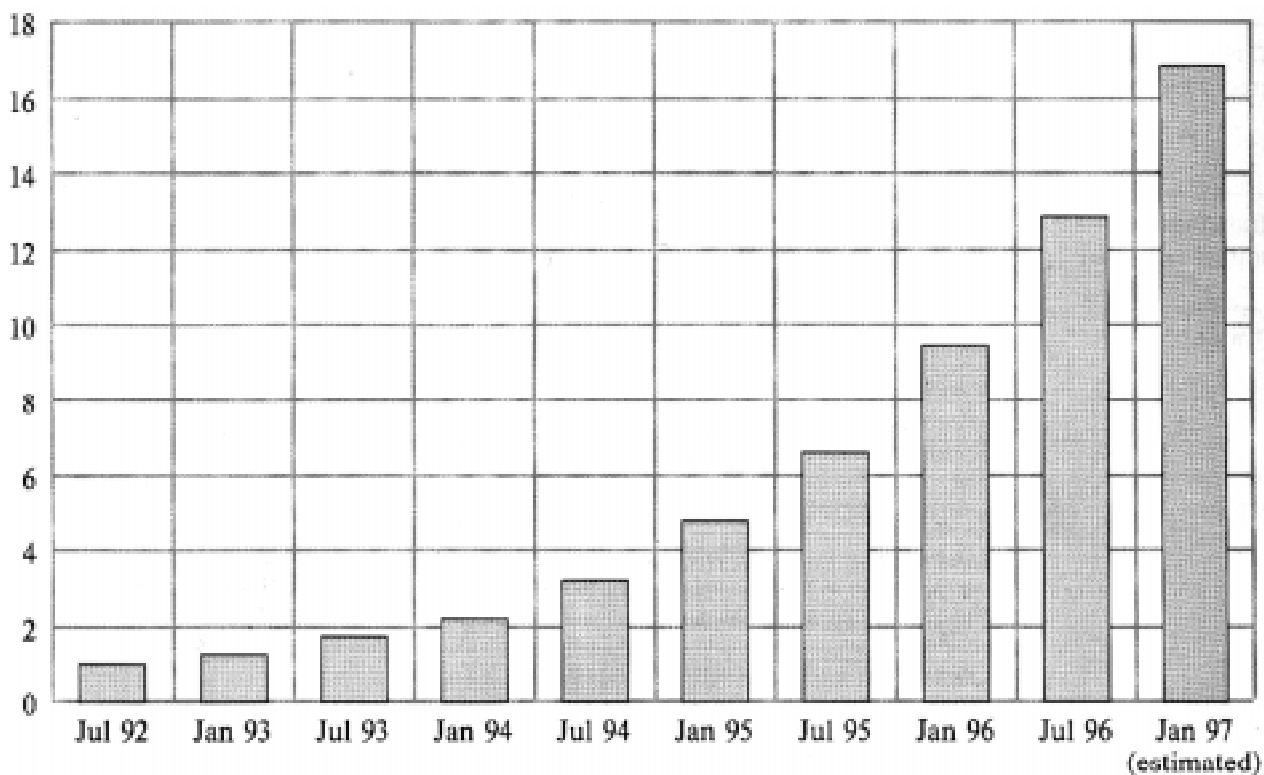
\* Stima

Fonte: Cusumano, Selby: "Microsoft Secrets", 1995 e altro

# CRESCITA DI INTERNET

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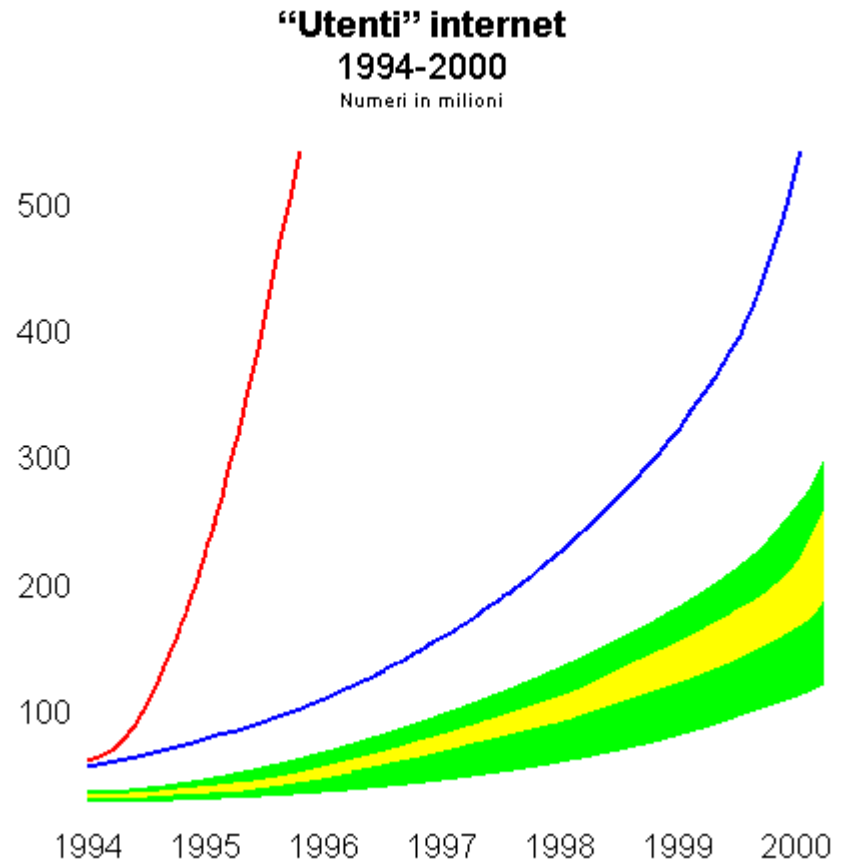
Milioni di host al mondo



Source: Network Wizards, <http://www.nw.com> and Analysys

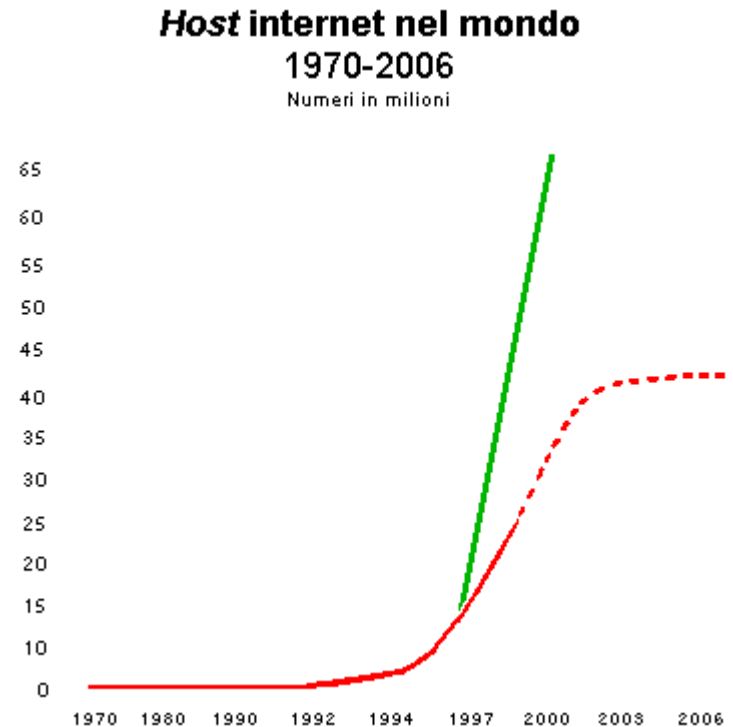
# Altre previsioni

- La linea rossa indica il percorso di una “proiezione” citata molto spesso, anche da fonti “autorevoli”, fra il 1995 e il 1996
- La linea blu indica una proiezione meno bizzarra, anche questa molto diffusa (e da parecchi accettata come “certa”) fra il 1996 e il 1997
- L’area verde nel grafico indica la fascia in cui nel 1997 sembrava ragionevole pensare che potesse collocarsi la reale crescita della rete. La zona gialla indica ciò che è realmente avvenuto



# Gli Host di Internet

- La linea rossa è la proiezione
- La linea verde è una semplificazione della tendenza che si è potuta constatare fino a oggi

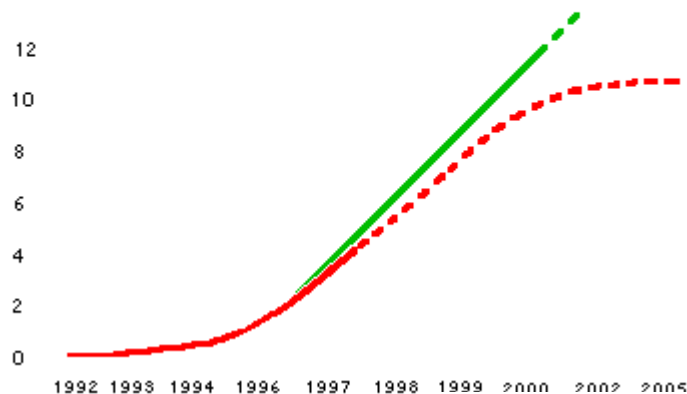


# Gli Host in Europa

## Host internet in Europa

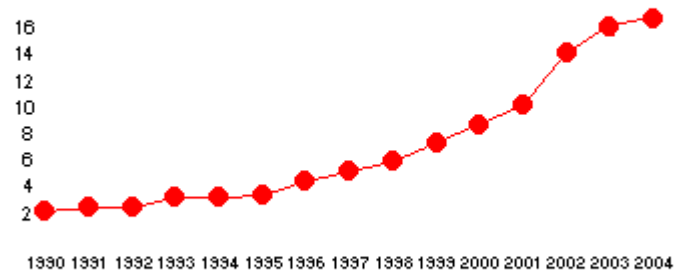
1992-2005

Numeri in milioni



## Host internet in Italia come % dell'Europa

1990-2004

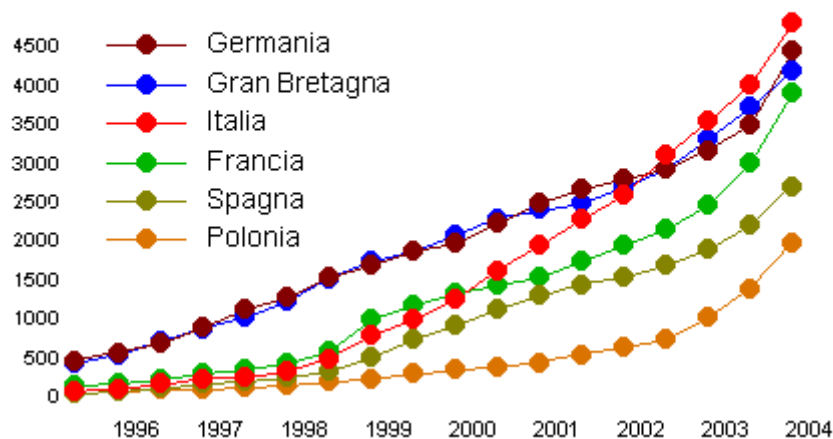


Un'analisi analoga rispetto al totale mondiale si trova nel documento sui [dati internazionali](#)

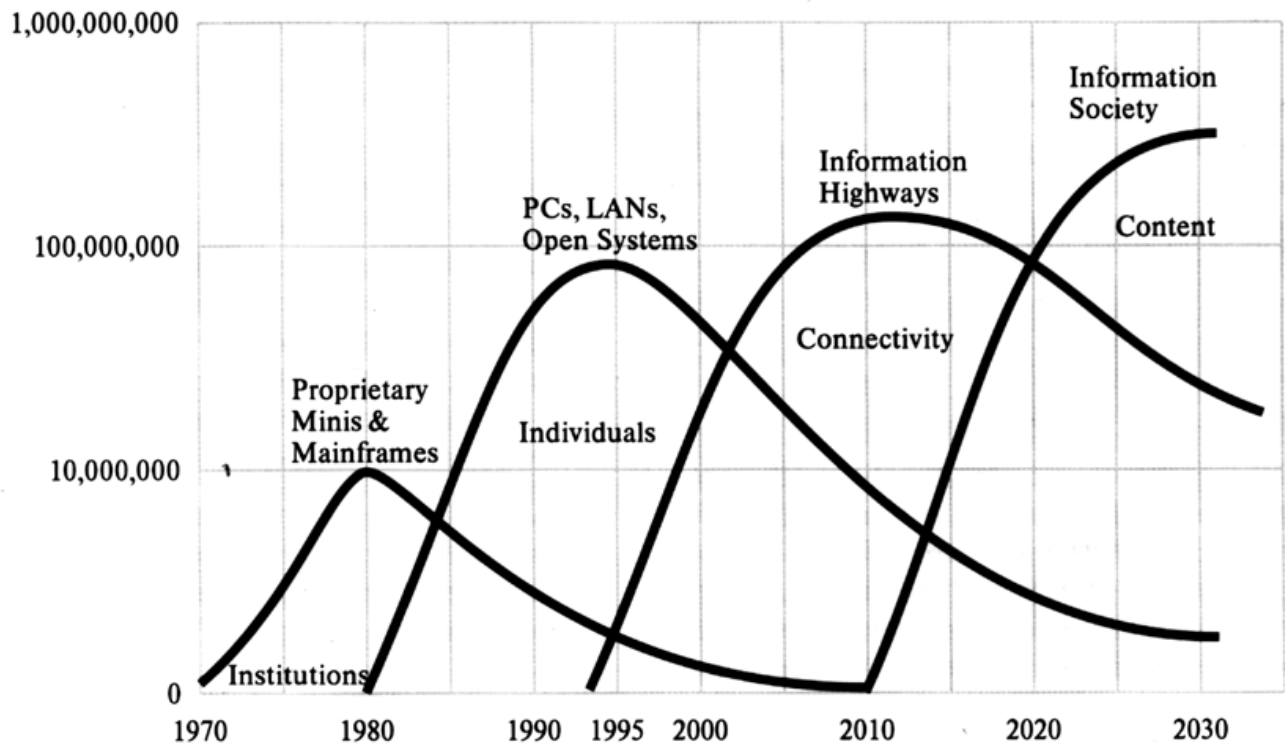
## Host internet in sei paesi europei

1995-2004

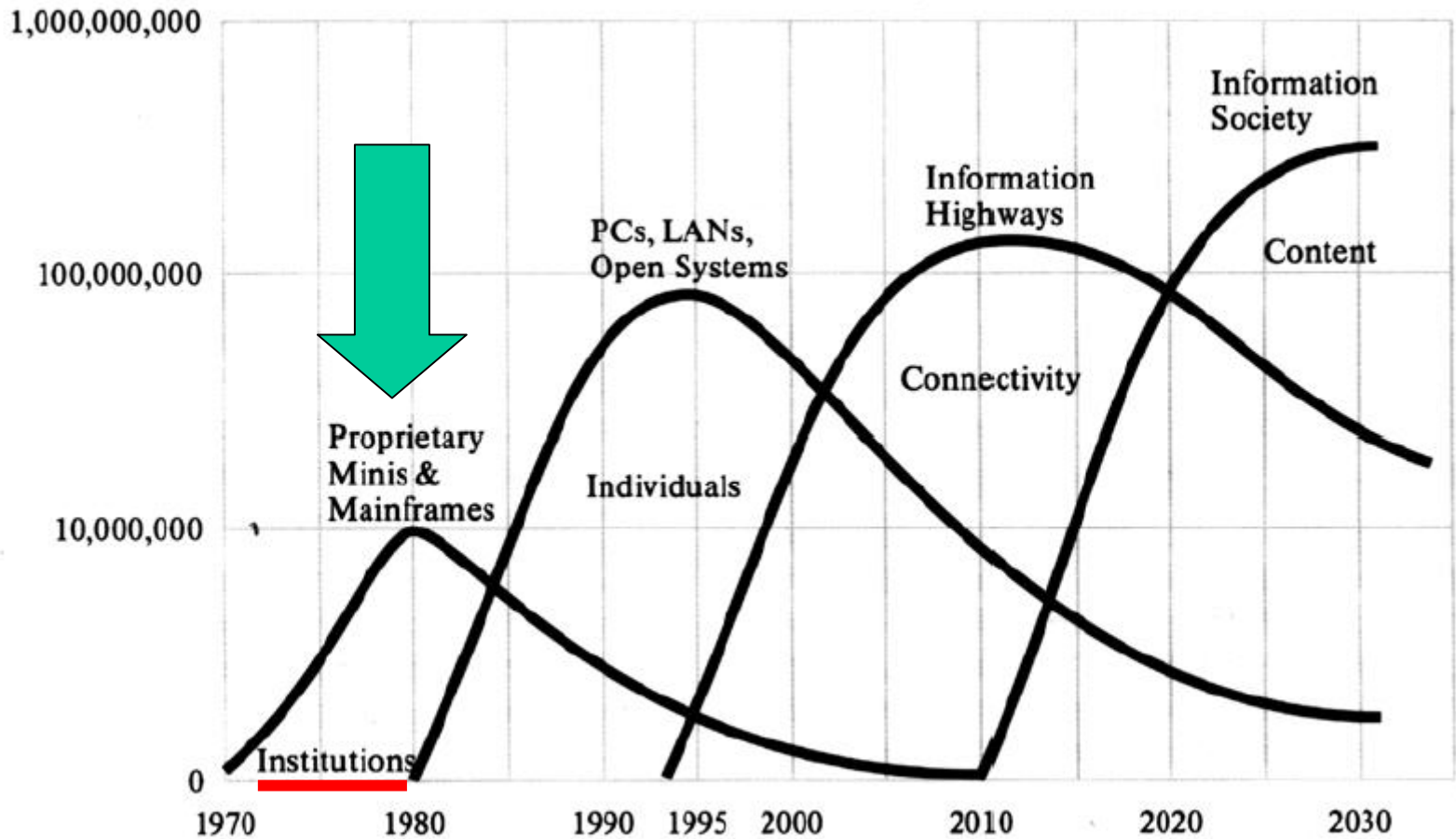
Dati semestrali – numeri in migliaia



# LE QUATTRO "ONDATE" DELL'IT

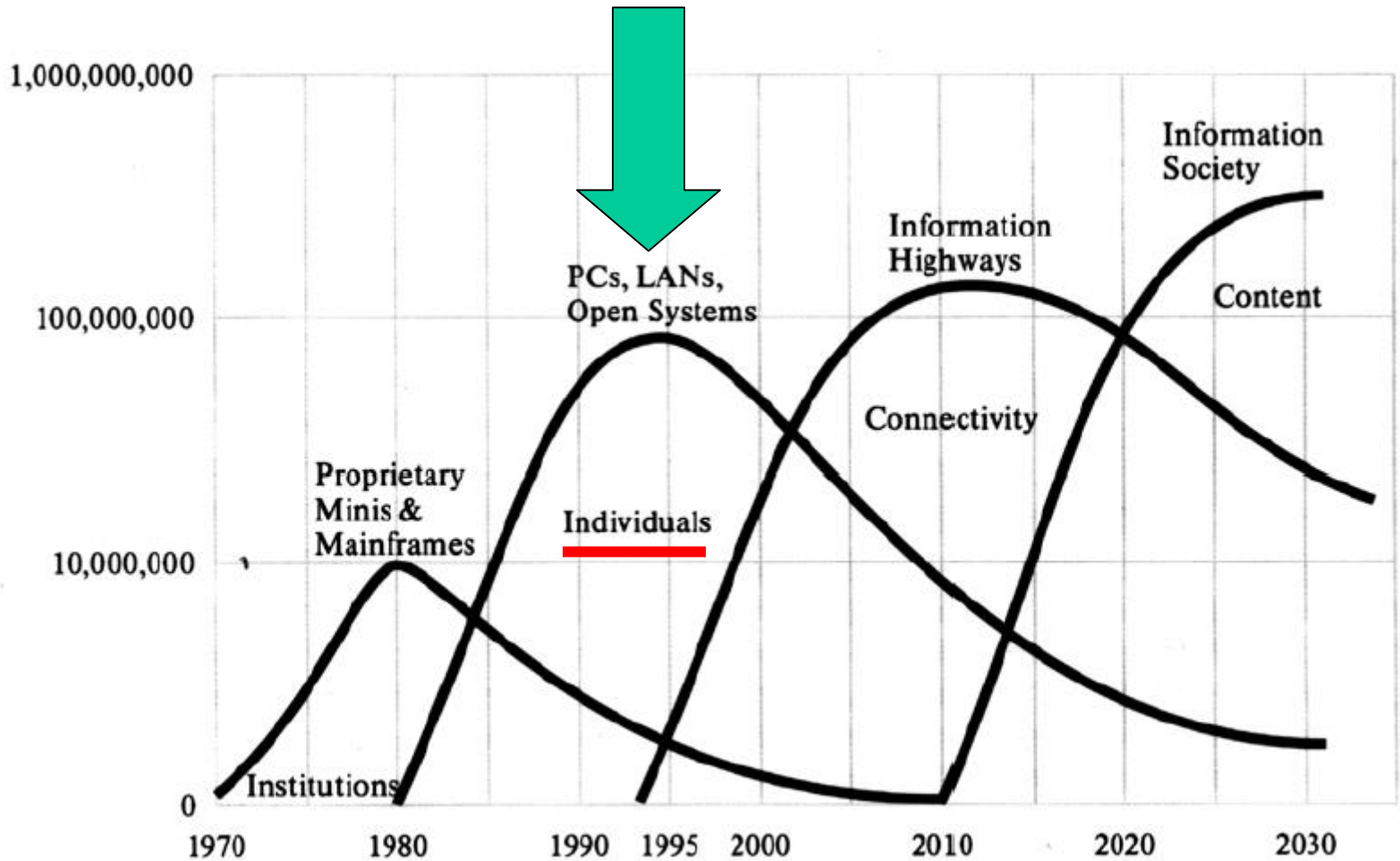


# La prima Ondata

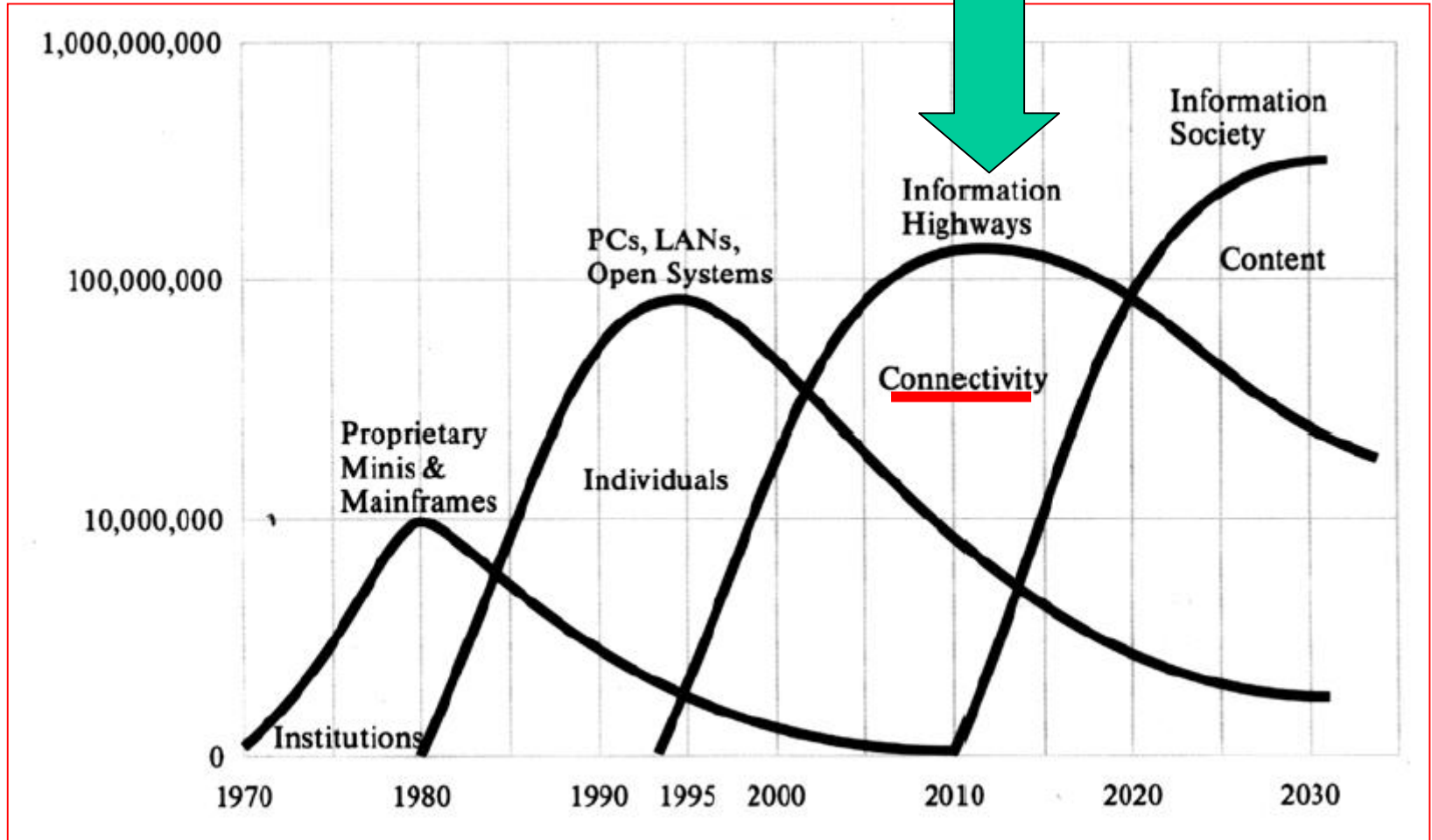




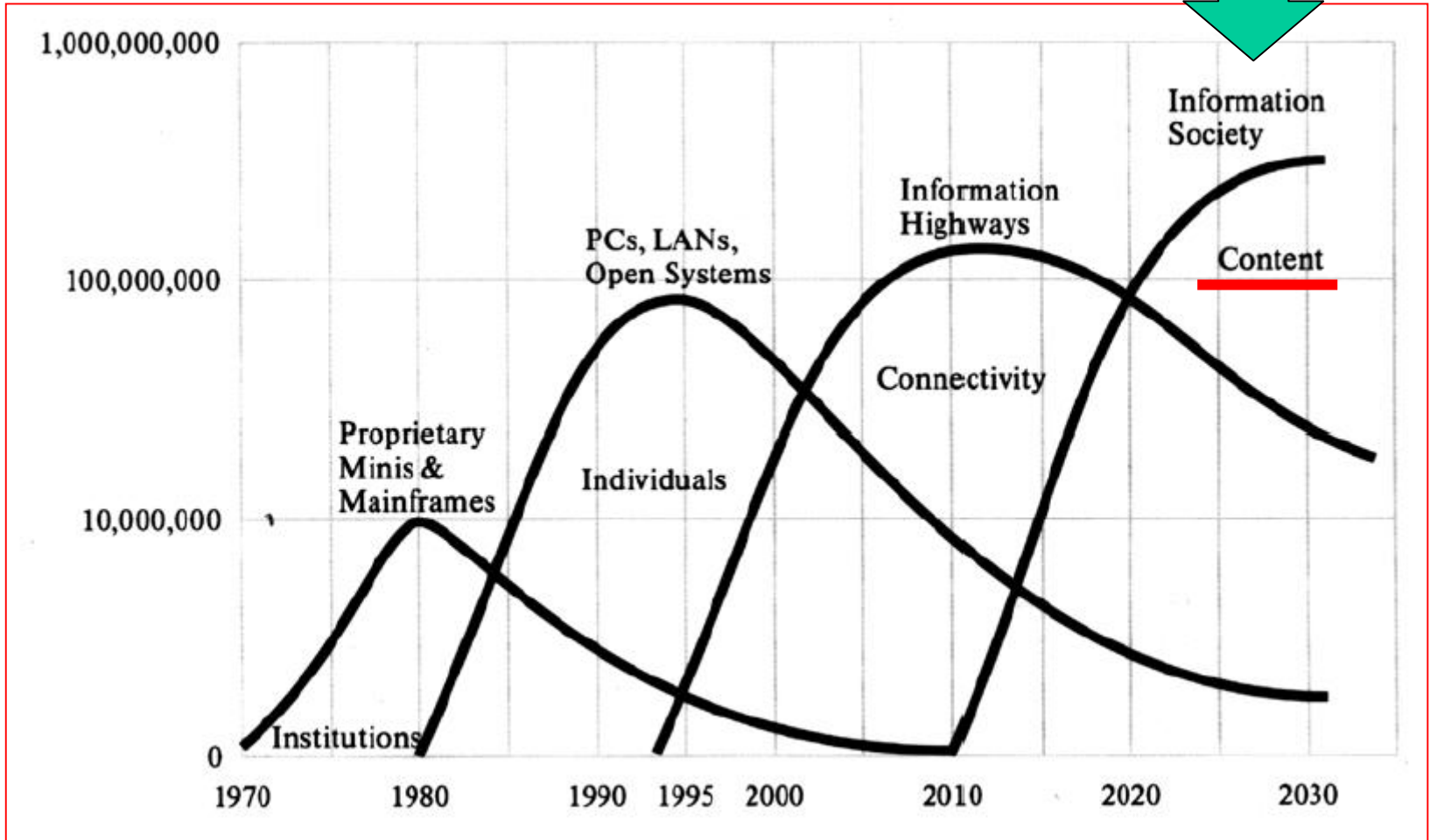
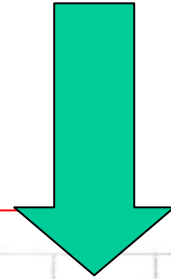
# La seconda Ondata

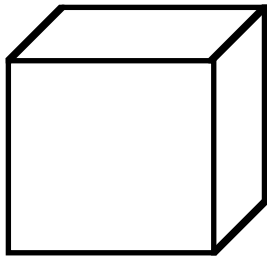


# La terza Ondata

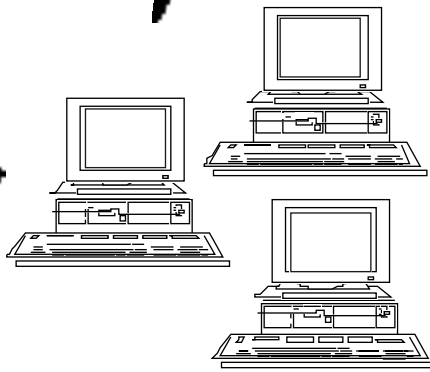


# Il Presente ...

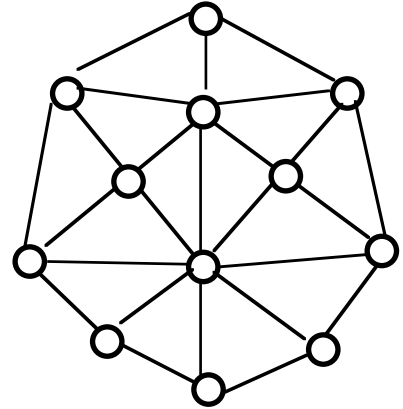
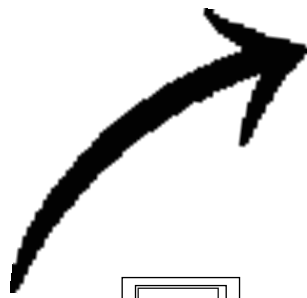




**MAINFRAME**



**PC**



**NETWORK**



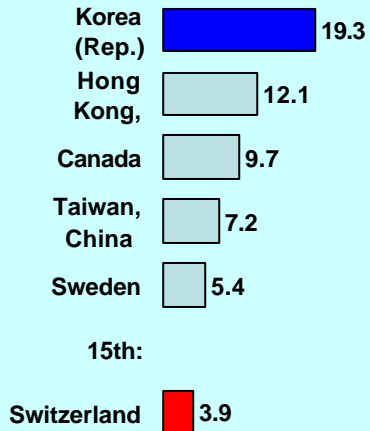
**INTERNATIONAL TELECOMMUNICATION UNION**  
**Telecommunication Development Bureau**  
Telecommunication Statistics and Data Unit

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**21 January 2003**  
**Original: English**

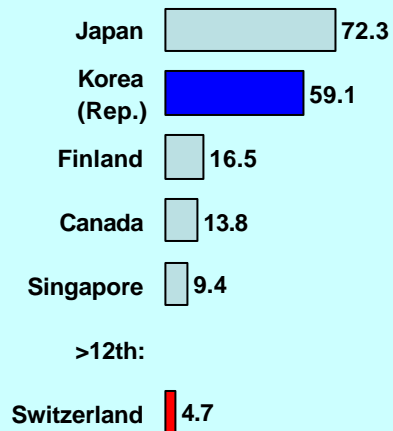
**3<sup>rd</sup> World Telecommunication/ICT Indicators Meeting**  
*Geneva, 15 - 17 January 2003*

**Broadband subscribers  
per 100 inhabitants,  
June 2002**



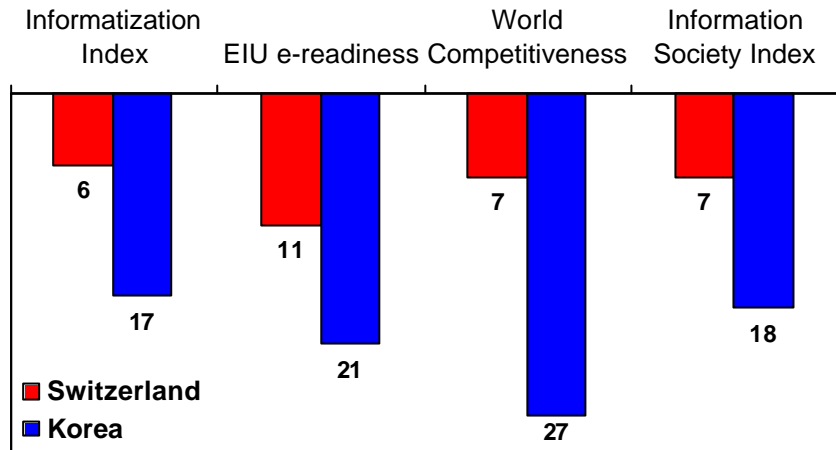
Source: ITU.

**Mobile Internet subscribers to  
total mobile subscribers,  
December 2001**

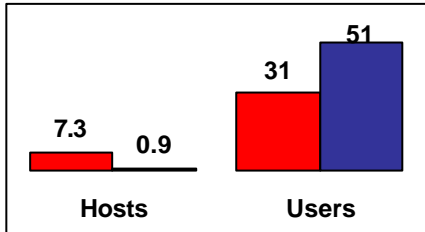


Source: MPMHAPT (Japan), MA Comis

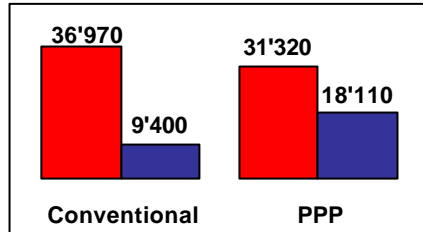
# Ranks / Rangs / Filas



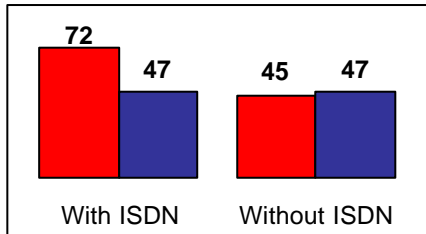
Internet per 100 people



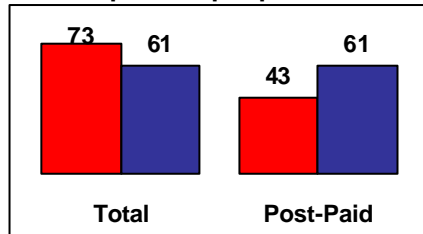
Per capita income, US\$



Fixed lines per 100 people



Mobile per 100 people



**Switzerland**

**Korea (Rep.)**

Source: ITU, 2001



# LAND OF OPPORTUNITY

Outsourced jobs are popping up in every major Indian city. Next stop: the provinces.

## MUMBAI (BOMBAY)

**Outsourcing and IT workers:** 62,050

**Focus:** Financial research, back office, software

**Who's there:** Morgan Stanley, Citigroup, TCS, Mphasis, i-Flex Solutions

## PUNE

**Workers:** 7,300

**Focus:** Call centers, chip design, embedded software

**Who's there:** Msource, C-Dac, Persistent Systems, Zensar

## BANGALORE

**Workers:** 109,500

**Focus:** Chip design, software, bio-informatics, call centers, IT consulting, tax processing

**Who's there:** Intel, IBM, SAP, SAS, Dell, Cisco, TI, Motorola, HP, Oracle, Yahoo, AOL, E&Y, Accenture, Wipro, Infosys, Msource

## DELHI

**Workers:** 73,000

**Focus:** Call centers, transaction processing, chip design, software

**Who's there:** GE, American Express, STMicroelectronics, Wipro Spectramind, Convergys, Daksh

## KOLKATA (CALCUTTA)

**Workers:** 7,300

**Focus:** Consulting, software

**Who's there:** PwC, IBM, ITC Infotech, TCS

## HYDERABAD

**Workers:** 36,500

**Focus:** Software, back office, product design

**Who's there:** HSBC, Microsoft, Satyam

## CHENNAI (MADRAS)

**Workers:** 51,100

**Focus:** Software, transaction processing, animation

**Who's there:** World Bank, Standard Chartered, Cognizant, Polaris, EDS, Pentamedia Graphics

