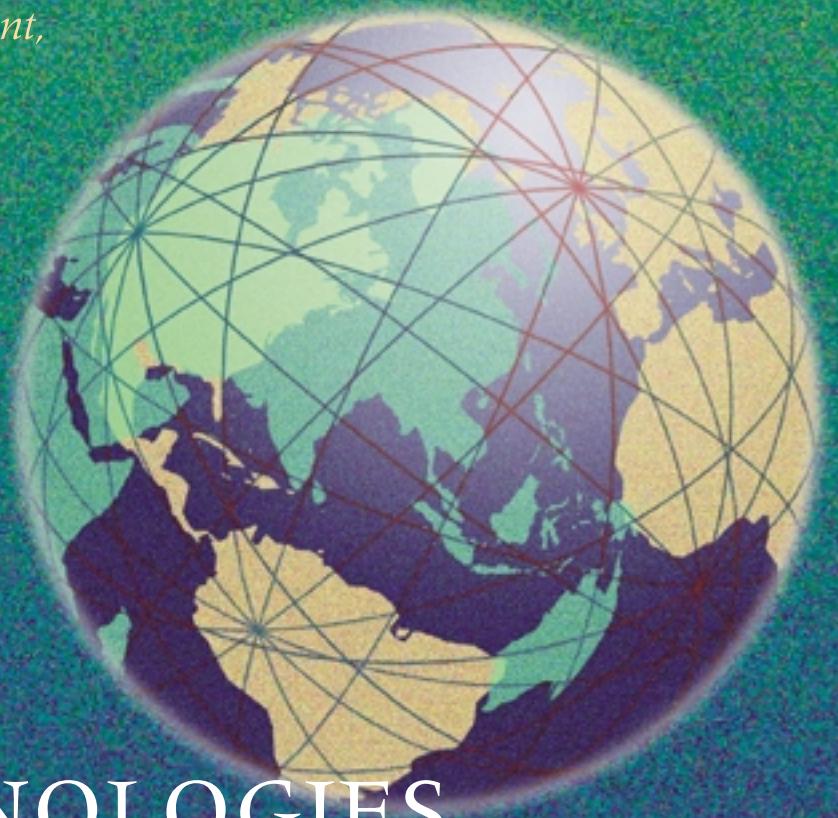


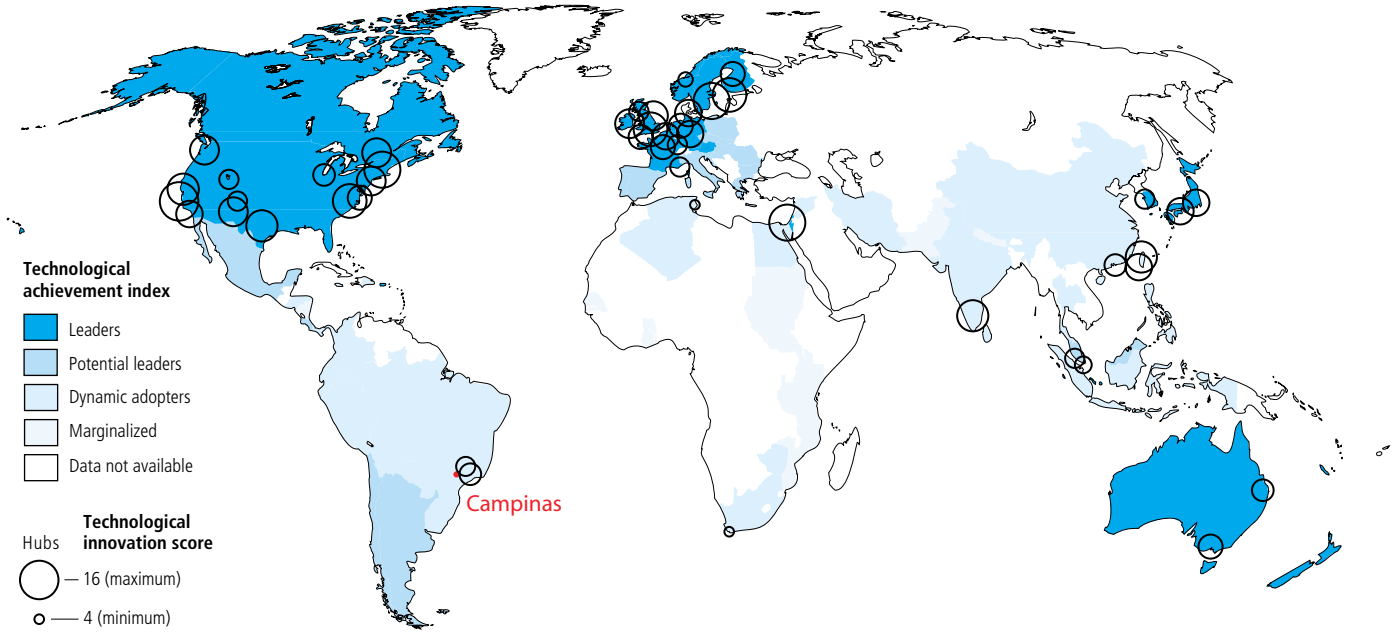
HUMAN DEVELOPMENT REPORT 2001

*Technology networks are transforming
the traditional map of development,
expanding people's horizons
and creating the potential
to realize in a decade
progress that required
generations in the past*



MAKING
NEW **T**ECHNOLOGIES
WORK FOR
HUMAN **D**EVELOPMENT

THE GEOGRAPHY OF TECHNOLOGICAL INNOVATION AND ACHIEVEMENT



Global hubs of technological innovation In 2000 *Wired* magazine consulted local sources in government, industry and the media to find the locations that matter most in the new digital geography. Each was rated from 1 to 4 in four areas: the ability of area universities and research facilities to train skilled workers or develop new technologies, the presence of established companies and multinational corporations to provide expertise and economic stability, the population’s entrepreneurial drive to start new ventures and the availability of venture capital to ensure that the ideas make it to market. Forty-six locations were identified as technology hubs, shown on the map as black circles

Score	Location	Score	Location	Score	Location	Score	Location
16	Silicon Valley, US	13	Taipei, Taiwan (province of China)	11	Malmö, Sweden–Copenhagen, Denmark	10	Paris, France
15	Boston, US	13	Bangalore, India	11	Bavaria, Germany	10	Baden-Württemberg, Germany
15	Stockholm-Kista, Sweden	12	New York City, US	11	Flanders, Belgium	10	Oulu, Finland
15	Israel	12	Albuquerque, US	11	Tokyo, Japan	10	Melbourne, Australia
14	Raleigh-Durham-Chapel Hill, US	12	Montreal, Canada	11	Kyoto, Japan	9	Chicago, US
14	London, UK	12	Seattle, US	11	Hsinchu, Taiwan (province of China)	9	Hong Kong, China (SAR)
14	Helsinki, Finland	12	Cambridge, UK	10	Virginia, US	9	Queensland, Australia
13	Austin, US	12	Dublin, Ireland	10	Thames Valley, UK	9	Sao Paulo, Brazil
13	San Francisco, US	11	Los Angeles, US	10		8	Salt Lake City, US
						8	Santa Fe, US
						8	Glasgow-Edinburgh, UK
						8	Saxony, Germany
						8	Sophia Antipolis, France
						8	Inchon, Rep. of Korea
						8	Kuala Lumpur, Malaysia
						8	Campinas, Brazil
						7	Singapore
						6	Trondheim, Norway
						4	El Ghazala, Tunisia
						4	Gauteng, South Africa

Source: Hillner 2000.

Four categories of the technology achievement index (see annex 2.1, p. 46; and annex table A2.1, p. 48)

LEADERS	POTENTIAL LEADERS	DYNAMIC ADOPTERS	MARGINALIZED
Finland (2 hubs)	Spain	Uruguay	Nicaragua
United States (13 hubs)	Italy	South Africa (1 hub)	Pakistan
Sweden (2 hubs)	Czech Republic	Thailand	Senegal
Japan (2 hubs)	Hungary	Trinidad and Tobago	Ghana
Korea, Rep. of (1 hub)	Slovenia	Panama	Kenya
Netherlands	Hong Kong, China (SAR)	Brazil (2 hubs)	Nepal
United Kingdom (4 hubs)	Slovakia	Philippines	Tanzania, U. Rep. of
Canada (1 hub)	Greece	China (3 hubs)	Sudan
Australia (2 hubs)	Portugal	Bolivia	Mozambique
Singapore (1 hub)	Bulgaria	Colombia	
Germany (3 hubs)	Poland	Peru	
Norway (1 hub)	Malaysia (1 hub)	Jamaica	
Ireland (1 hub)	Croatia	Iran, Islamic Rep. of	
Belgium (1 hub)	Mexico		
New Zealand	Cyprus		
Austria	Argentina		
France (2 hubs)	Romania		
Israel (1 hub)	Costa Rica		
	Chile		