

Technopolis Maturity Model (TMM)TM.

Maturity Level	Knowledge Base	Industry	Social Capital	Relational Capital	Institutional Capital & Quality of Life	Access to Finance
1	<ul style="list-style-type: none"> Professors teaching from the book. Little updating of textbooks. Little/no research. 	<ul style="list-style-type: none"> Little university-industry interaction. Microclusters may be identified. Little knowledge-based industry. 	<ul style="list-style-type: none"> No meso-level voluntary organizations. Some civic boosterism, organized economic development programs. 	<ul style="list-style-type: none"> Few people with non-local connections. Little communication across sectors. 	<ul style="list-style-type: none"> Extremely bureaucratic government. Underdeveloped infrastructure. Environmental problems. Incubators and tech parks isolated from the natural city. 	<ul style="list-style-type: none"> A few local investors.
2	<ul style="list-style-type: none"> Curriculum modernized. Little research. Few international collaborations. Entrepreneurship education programs launched. 	<ul style="list-style-type: none"> Multiple microclusters. Local industry employs university grads; professors consult. First university spin-off companies. Skepticism about knowledge economy still evident. 	<ul style="list-style-type: none"> Growth of trade, professional, business and neighborhood associations. 	<ul style="list-style-type: none"> Local opinion leaders and change agents take initiative for developing networks. 	<ul style="list-style-type: none"> Export zones, etc. Government making reforms toward more business-friendly, green environment. Professionals in law, real estate, accounting, ready to serve tech clients. 	<ul style="list-style-type: none"> Successes of firms with "friends & family" financing. Angel clubs. First VC investments.
3	<ul style="list-style-type: none"> Local research yields novel solutions to local problems; contributes to international knowledge base. 	<ul style="list-style-type: none"> Corporate new ventures locate or stay in region. Many incubator graduates stay in area. Strong supplier base and job growth. Visible anchor company for cluster. 	<ul style="list-style-type: none"> High level of mutual support among business, government, education, and NGO sectors. 	<ul style="list-style-type: none"> Local, regional, international, and cross-sectoral networks established and growing in strength. 	<ul style="list-style-type: none"> Government knowledgeable & supports tech growth. University grads want to stay in area. Expanding transportation & communication infrastructure. 	<ul style="list-style-type: none"> "On the radar" of investors worldwide. Banks are entrepreneur-friendly. Government venture funds.
4	<ul style="list-style-type: none"> Multiple areas of international research excellence. Known for high-quality graduates. 	<ul style="list-style-type: none"> Multiple clusters, with synergies. Region is major exporter. 	<ul style="list-style-type: none"> Innovative economic development initiatives and technology-oriented organizations. 	<ul style="list-style-type: none"> Strong international networks. Foreign labs locating in area. Reaching out to neighboring areas. 	<ul style="list-style-type: none"> Sensitive urban renewal. Attractive living for singles, families, seniors. Labs & parks integrated with the natural city. 	<ul style="list-style-type: none"> VC firms establish local offices.
5	<ul style="list-style-type: none"> Has self-renewed, reinventing its research strategy. Universities rank high in world surveys. 	<ul style="list-style-type: none"> Convergence cluster strength. Near universal citizen support for high-tech growth. 	<ul style="list-style-type: none"> Experimentation with new PPP forms and e-government. New roles for the universities. 	<ul style="list-style-type: none"> Unlimited business networking opportunities. Region is widely viewed as role model. Super-region integration well-advanced. 	<ul style="list-style-type: none"> City committed to solving problems of growth and congestion. 	<ul style="list-style-type: none"> Entrepreneurs move to area to be near concentration of investors.