Infrastructure: A plan of action for rapid growth

Inadequacy of infrastructure is choking India's economic growth. Cities are plagued by power blackouts, and villages are lucky to get any power at all. Telephone service is poor and unavailable to most people. Ports are congested and plagued by costly delays. The sparse network of roads is clogged with traffic and accidents killed sixty thousand last year. An outdated payment system takes weeks to clear checks and settle business transactions. The education system leaves half the population illiterate.

People cope, and pay a high price. The costs of diesel generator sets, messengers, extra time and inventory, and idle cash and risk premium add up, often overwhelming India's labour cost advantage in international trade. To compete in the international markets, India must reduce these costs of doing simple, routine things. How? We suggest three prerequisites and a plan of action.

First, policy makers, managers and the labour have to appreciate that innovations in technologies and management provide opportunities for not only improving the efficiency but also for generating more business. In less than three years after the National Stock Exchange introduced efficient and transparent screen-based stock trading, their trading volume jumped three times the volume at the Bombay Stock Exchange. When long distance phone rates were deregulated in the US, the call rates dropped, and the demand for telephone service skyrocketed. The total demand is not fixed; as efficiency increases, price drops, demand expands and this generates more wealth for all to share.

Second, the government should consider the possibility of privatising ownership of some of these industries as early as possible, ensuring that the strategic interests are not compromised, and the competition for private ownership is on a level playing field. In places where there is fear of monopoly, subject their tariffs to public scrutiny through a regulatory commission constituted by the legislature to function under sunshine laws.

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The problem of communications can be solved in a decade by leapfrogging into new technological options that are compatible with the existing infrastructure and allow flexibility for future innovations. The Indian goal of reaching 40 million lines by the end of this century is a modest one. We must attempt to emulate the Chinese: by planning for 100 million lines by the end of this decade.

A modern payment system will yield high returns. Starting from a fast payment system to link the RBI and major bank branches, it can expand down the chain through private efforts of the banking industry. The presence of private and foreign banks, and new consumer protection legislation to prohibit the banks from keeping their customers' money for unreasonably long floats will help.

In addition to reducing the cost of moving things and people, a highway building programme, as the US did in the decades following the depression, can be an effective intervention tool to generate productive employment and train more people. It will also bring dispersive benefits of economic growth to all corners of the country.

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