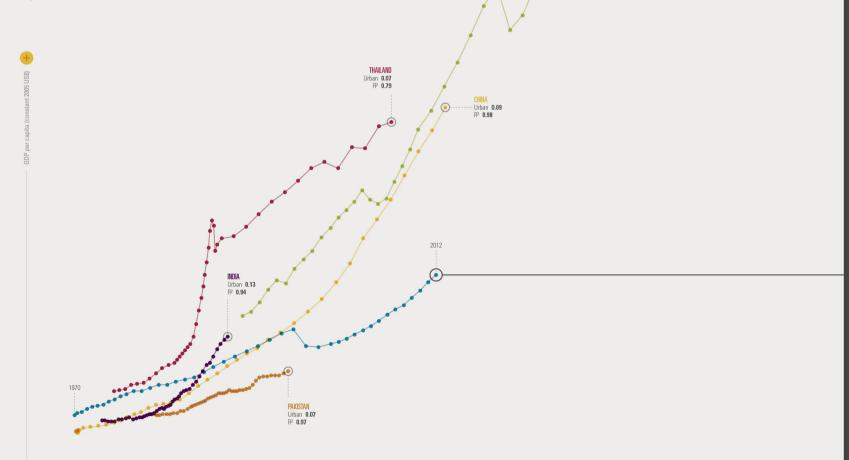
THE HIGHLY PRODUCTIVE MAJOR INDONESIAN CITIES HAVE BECOME MAGNETS FOR THE COUNTRY'S POPULATION

From 1970 to 2006, every 1% increase in urban population correlated with an average per capita GDP percentage increase of 13% for India, 10% for China, 8% for Vietnam, and 7% for Thailand. On the other hand, the multiplier effect of urbanization for Indonesia has

been less adamant, as a 1% increase in urbanization has only resulted in a 4% increase in per capita GDP.





MALAYSIA - Urban 0.04 R² 0.98

By country, 1970 - 2012.

Source

World Development Indicators: The World Re

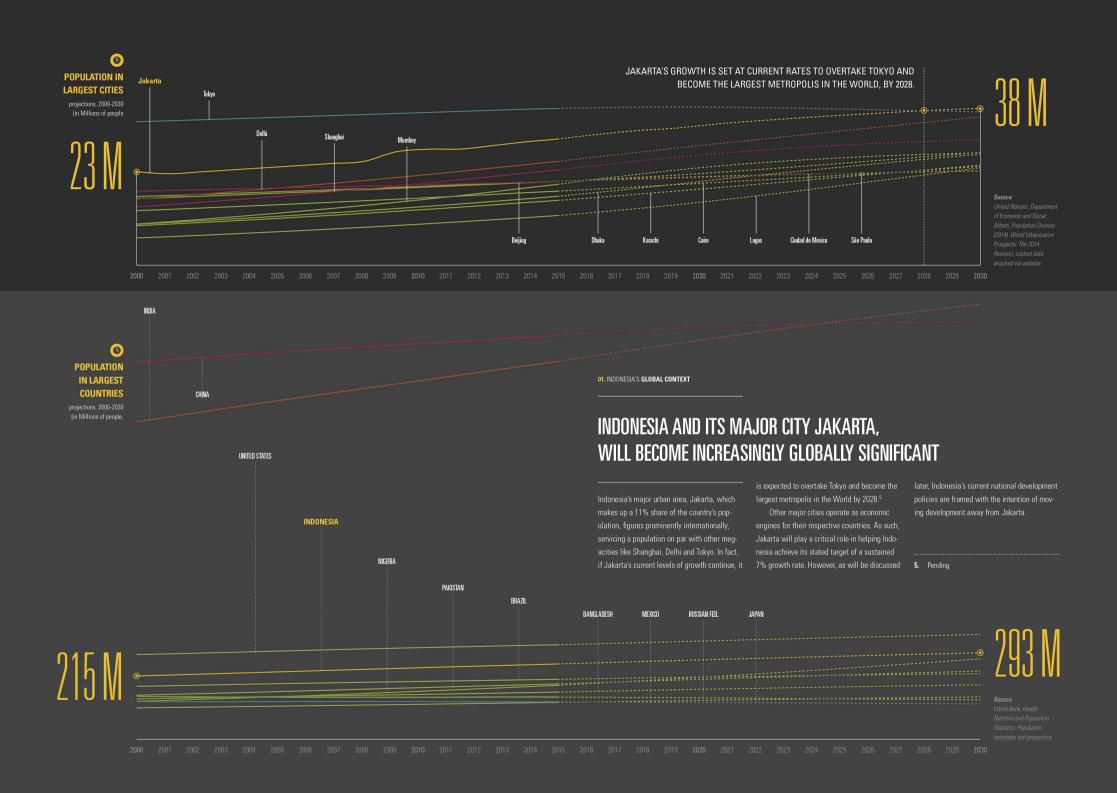
INDONESI*L*

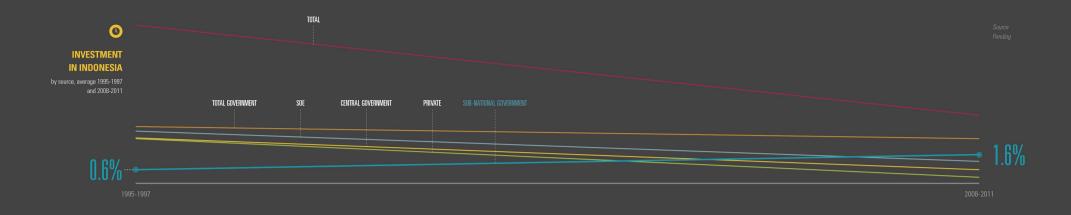
URBAN COEFFICIENT

0.04

R²

Urbanization +





03. INDONESIA'S INFRASTRUCTURE CRITIQUES

INVESTMENTS IN INFRASTRUCTURE ARE NOW THE RESPONSIBILITY OF LOCAL GOVERNMENTS, DESPITE THEIR LACK OF ACCESS TO CAPITAL AND THEIR LACK OF CAPACITY TO IMPLEMENT SUCH PROJECTS

The decentralization process that took place in the late 1990's aimed to shift power in order to give local authorities more accountability and mitigate corruption. Unfortunately, since local governments had less access to capital, expertise, and technical capacity for infrastructure planning, decentralization also led to 22% less investment

in infrastructure. Before the shift, sub-national governments accounted for roughly 25% percent of public investments in infrastructure; after the shift, they were directly accountable for roughly 65% of total public infrastructure investment expenditures.

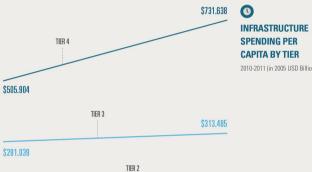
Decentralization may have provided its cities more power to self-determine a bold new

future, but to do so they need enabling infrastructure. More specifically, Indonesia's great cities will need the capacity and the financing to plan and implement the infrastructure needed to reap the economic benefits that urbanization can provide. Without it, large cities like Jakarta, Surabaya, Makassar and Medan will face diseconomies associated with urbanization, notably increasingly greater levels of congestion, pollution, slums and dire consequences from natural disasters.

Investments in infrastructure have gone to small cities over large cities, where the capacity to make use of financing is limited and where the impact of infrastructure will affect a smaller proportion of people. This is the result of an effort to decentralize growth throughout Indonesia, by prioritizing central transfers for infrastructure investments for smaller cities. As a result, city districts with populations of less than 500k have 3.3 times the level of public investments in infrastructure per capita as compared to larger cities, on average.

\$98,359

2010



TIER 1

\$61.443

2011



INDO-DAPOER.

