

# Public Works and Poverty Alleviation: A Study of Indonesia's National Slum Upgrading Project (KOTAKU) = Pekerjaan Umum dan Pemberantasan Kemiskinan: Studi Proyek Slum Upgrading Nasional di Indonesia (KOTAKU)

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## Abstrak

Urbanisasi yang pesat terus meningkatkan jumlah permukiman kumuh, memperburuk kemiskinan dan menyebabkan kurangnya akses terhadap air, sanitasi, dan infrastruktur dasar lainnya. Proyek Slum Upgrading Nasional di Indonesia atau Kota Tanpa Kumuh (KOTAKU) bertujuan untuk meningkatkan infrastruktur dasar di kawasan kumuh, namun dampaknya terhadap kemiskinan belum pernah dievaluasi. Penelitian ini menilai apakah KOTAKU 2017-2020 mempengaruhi angka kemiskinan di daerah sasaran dengan menggunakan metode kuasi-experiment. Hasil estimasi Regression Discontinuity in Time (RDiT) tidak sesuai untuk interpretasi, namun Difference-in-Differences (DiD) memperkirakan penurunan angka kemiskinan sebesar 11,3% setelah KOTAKU diterapkan.

.....Rapid urbanization continues to increase the number of slums, exacerbating poverty and leading to inadequate access to water, sanitation, and other basic infrastructure. Indonesia's National Slum Upgrading Project or City Without Slums (KOTAKU) is a program aimed to improve basic infrastructure in slum areas, however, its impact on poverty is yet to be evaluated. This study assessed whether KOTAKU 2017-2020 affected the poverty rate in targeted regions using quasi-experimental methods. The Regression Discontinuity in Time (RDiT) estimation was unsuitable for interpretation, however, Difference-in-Differences (DiD) estimated an 11.3% reduction in the poverty rate after KOTAKU was implemented.