Digital G2P transfer capacities in Cambodia

Dr. Iván González de Alba
Country Economist
United Nations Development Programme

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Three pillars

Strengthen the capacity of policymakers in Cambodia to identify gaps and design appropriate policy options to effectively allocate and utilize existing financial resources, as well as to mobilize additional financing, for achieving SDGs.
UNDP Projects on Social Protection, Data and Innovation

Digital ID and single registry
IDPoor Cash Transfer Programme
Emergency cash transfer
AI & ML for Poverty mapping
Digital ID & Single registry in Cambodia

Social Protection Card

Biometric Data

CamDX

MOI

NSSF

H-SPIS Data

Central SP Registry

Identity Data

Hospital

MOP

PCA

PMRS Data

IDPoor Data

registration

registration

registration
Cash transfer program for the poor as part of COVID-19 responses

- For the first time, 700,000 households (2.7 million people) received cash transfer in Cambodia.
- Eligibility is defined by four weighted factors: level of poverty, location, size of household and vulnerability.
- The Government spent nearly $400 million since June 2020.
- With On Demand-IDPoor, the program was rapidly scaled up to include people falling into poverty due to Covid-19.
Emergency cash transfer – lockdown and curfew

Households qualified for new assistance

COVID-19 vulnerability and shock factors

Already IDPoor

Poverty / vulnerability (based on consumption proxy)
Using Artificial Intelligence (AI) for poverty mapping and evaluation

- Use AI and big data to examine the effect of Covid-19 on poverty, employment and mobility in Cambodia
- Overlay the AI data with traditional survey data

Remote Sensing Data  |  Digital Activity  |  Open Geospatial Data
Using technology to improve beneficiary selection, M&E of the Social Assistance (w/ World Bank)

1. Designate target areas

2. Obtain anonymized list of subscribers in the area from telecoms; filter high income people

Data provided:
1. ID Poor [Y/N]*
2. Name
3. Gender
4. Date of birth
5. Address information
6. Khmer ID #
...other data
* Stop registration if yes

3. Send SMS to target population; communicate with other media

4. On-line requests submitted

Aerial images and census data with ML
Mobile phone usage patterns
Thank you!