# OpenG2P

# for Social Protection



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According to World Bank estimates, approximately **3.8 billion people** worldwide currently **lack access** to any form of **social protection**[1].
Climate change, ongoing conflict, and global economic crises have further exacerbated the vulnerability of these populations, making the **need for timely, efficient, and reliable government assistance critical.**



**Social protection comprises government-led programs designed to safeguard vulnerable groups—including the elderly, women, children, persons with disabilities, and low-income families—against risks and life cycle shocks. These interventions typically include:**

### EMPOWERMENT
Economic inclusion programs, agricultural advisory, and market linkages for smallholder farmers.

### DIRECT SUPPORT
Cash transfers, pension schemes, and emergency relief

### IN-KIND BENEFITS
Food security programmes, WASH (Water, Sanitation, and Hygiene) support, and Medical/Nutritional assistance.



## Technology

OpenG2P is a set of open-source building blocks designed to help governments and humanitarian organisations digitise and automate the entire benefit delivery chain. By transitioning from manual, paper-based processes to a modular, interoperable digital platform, OpenG2P ensures benefits reach intended recipients efficiently. It serves as a Digital Public Good (DPG), mitigating the risk of vendor lock-in and allowing governments to customise solutions to their unique needs.

OpenG2P provides a comprehensive suite of modules to manage the full lifecycle of social programs:

- **OpenG2P Registry:** Creates a central, authoritative registry of verified demographic and socio-economic data, serving as the "single source of truth" for eligibility. Records are ID linked and deduplicated. Strict controls over data updates and sharing.
- **Program and Beneficiary Management System (PBMS):** A workflow engine that manages programs, eligibility rules, benefit assignment, and disbursement approvals.
- **Social Payments Account Registry (SPAR):** Maps unique beneficiary IDs to financial accounts (bank/mobile money).
- **G2P Bridge:** Connects program MIS to delivery systems for high-volume, auditable benefit transfers.

**Benefits:**

- **Interoperable modules** – can connect with existing systems for greater coordination across ID, data and payments.
- **Data security** – protect sensitive citizen data and **audit features** to track every transaction from start to finish.



## OPENG2P IN ACTION

| Programme | Use Case | Government Partner | Reach / Potential Impact |
|---|---|---|---|
| **National Social Registry** (Ethiopia) | Consolidating social protection data across multiple departments to improve targeting and reduce duplication. | Ministry of Women and Social Affairs (MoWSA) | Significant scale-up to national registry |
| **Universal Pension Scheme** (Zanzibar) | Digitising end-to-end administration of monthly cash benefits for citizens aged 70+. | Zanzibar e-Government Authority (eGAZ), MoF, MOCDGEC | ~34,000 pensioners reached |
| **Cash for Work Scheme** (Zambia) | End-to-end digitisation of cash transfer programs, including worker registry and payment reconciliation. | SMART Zambia Institute | Potential to benefit ~2.4 million |
| **Urban Destitute Program** (Ethiopia) | Digitising registration and management of shelter and rehabilitation services for homeless populations. | Ministry of Women and Social Affairs (MoWSA) | Pilot concluded in Addis Ababa |

**References:**


1. International Labour Office, World Social Protection Report 2024-2026: Universal Social Protection for Climate Action and a Just Transition, Geneva: International Labour Office, 2024. © ILO.

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