Digital public goods:
Accelerating progress towards achieving the Sustainable Development Goals

Sustainable Development Goal 2:
End hunger, achieve food security and improved nutrition, and promote sustainable agriculture

DPGs can be used by countries to bolster food security and mitigate the impact of climate change on food systems. An example is Data in Climate Resilient Agriculture (DiCRA), a DPG that uses remote sensing and pattern detection algorithms to identify farms in India that are highly vulnerable to climate change. Based on data insights from DiCRA, farmers can better adopt smarter agricultural practices, boost the resilience of their crops and livestock, and sustain their livelihoods.

Sustainable Development Goal 3:
Ensure healthy lives and promote well-being for all at all ages

DPGs can help countries manage their healthcare systems more efficiently. This helps to drive progress on key health targets, including reducing maternal mortality and fighting communicable diseases. An example is DHIS2, an information management system that is being used by Ministries of Health in more than 80 countries around the world. DHIS2 supports countries with patient monitoring, immunization registries, and health budgeting.

Sustainable Development Goal 4:
Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

Countries can use DPGs to bridge education gaps and empower the next generation with vital skills. An example is NotesMaster, a freely accessible e-learning platform based on local curricula. Teachers can use NotesMaster to create digital lessons that are frequently peer-reviewed. To date, this DPG provides students with access to quality lessons in 31 countries around the world.

Sustainable Development Goal 8:
Foster sustained, inclusive and sustainable economic growth, full and productive employment, and decent work for all

DPGs can be used to build instant and interoperable digital payment systems, which help create more inclusive economies. An example is Mojaloop, which can be used by governments to create payment systems that connect all digital financial providers and customers, particularly those who are financially excluded.

Sustainable Development Goal 13:
Take urgent action to combat climate change and its impacts

DPGs can deliver essential monitoring and risk prevention measures to mitigate the impact of climate disasters. PRISM, the Platform for Real-time Impact and Situation Monitoring, is a DPG that assesses the potential risk and impact of extreme weather events on the most vulnerable communities, using information from satellites and other remote sensing sources. With this data, countries can design risk reduction activities and target disaster responses to those most in need.

Learn more: digitalpublicgoods.net/dpgs-decoded