



3rd UN STI Forum

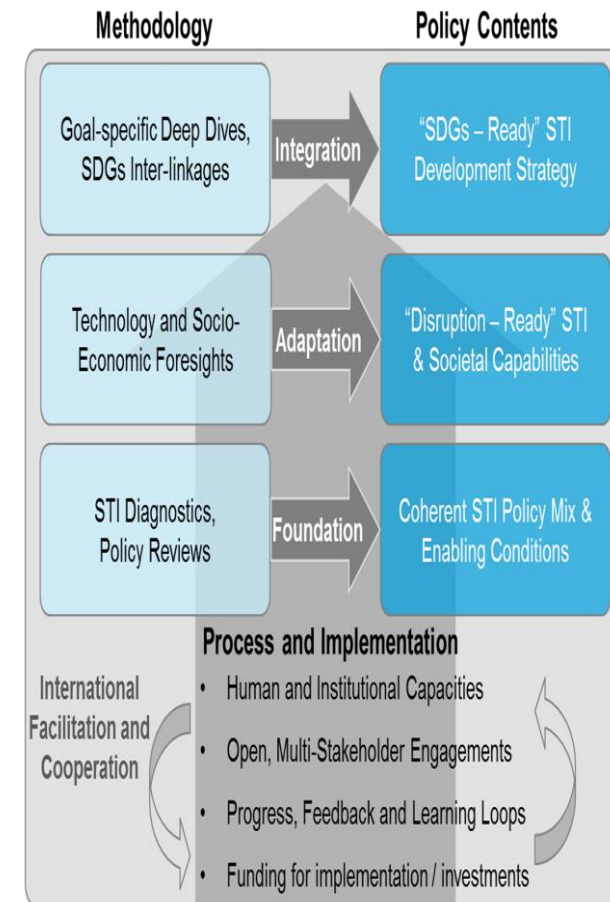
Science, Technology and Innovation Roadmaps for the SDGs

June 6, 2018

In a fast evolving STI ecosystem, developing countries are looking for partnerships to harness technology in support of the SDGs

STI Roadmaps serve as a practical foundational building block for policy makers, private sector, civil society, and development partners to integrate STI into national development plans and budgets.

- They can provide an action plan for national and local implementation of the STI agenda.
- The STI Roadmap framework is useful to facilitate identification of country-specific priorities and mobilize external support
- The aim to for these STI roadmaps is to become a standard setter, similar to a public expenditure review, to help better understand financing and capacity gaps and inform policy makers, private sector and development partners
- Linking STI Roadmaps to the implementation of the SDGs and Voluntary National Reviews will be critical.

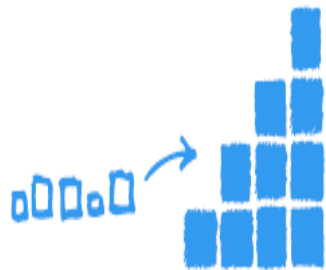


STI Roadmap framework will be useful to identify country-specific priorities and mobilize external support

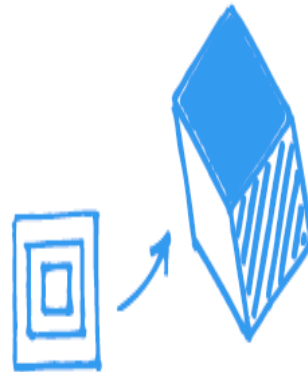


WBG is embarking on an ambitious journey to harness STI in all sectors and client countries by leveraging *Public-Private Partnerships* to:

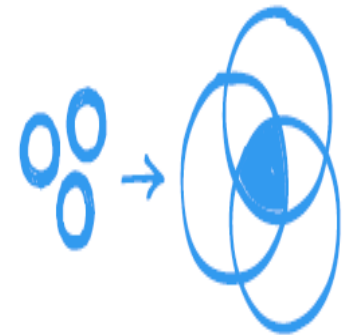
Build: Develop the foundational building blocks for sustainable, technology-led economies



Boost: Expand the capacity of people and institutions to thrive in a resilient society in the face of disruption

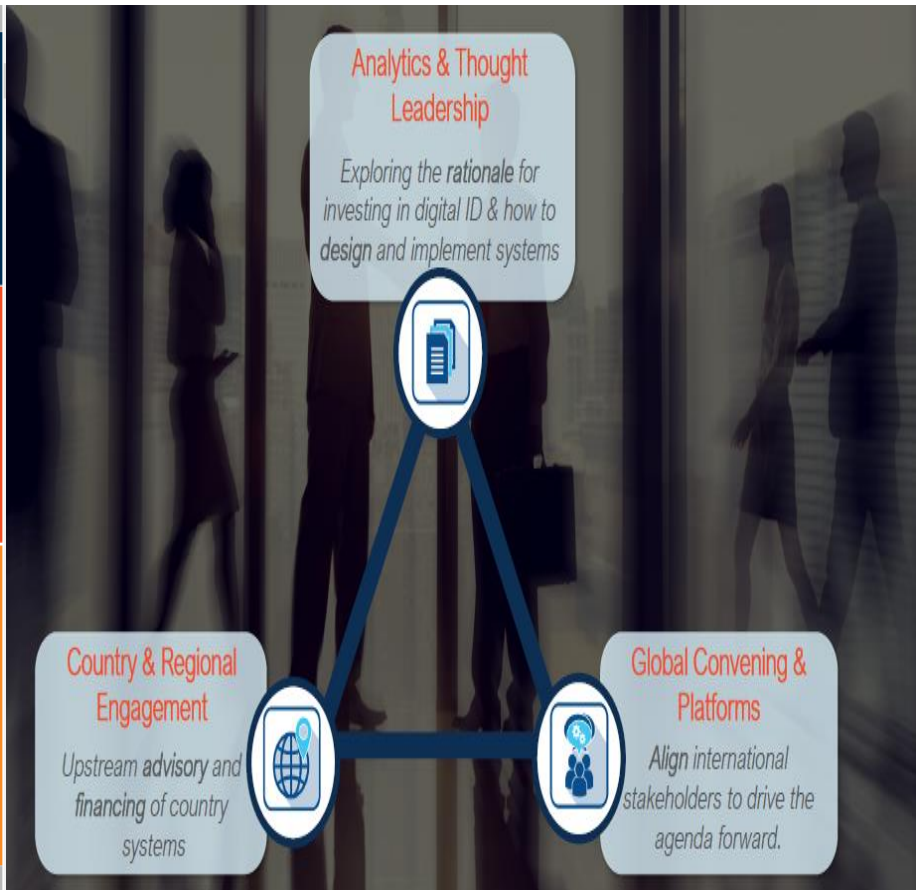


Broker: Harness disruptive technology, data, and expertise to solve development challenges and manage risks



Example 1. ID4D - A crucial platform for inclusion

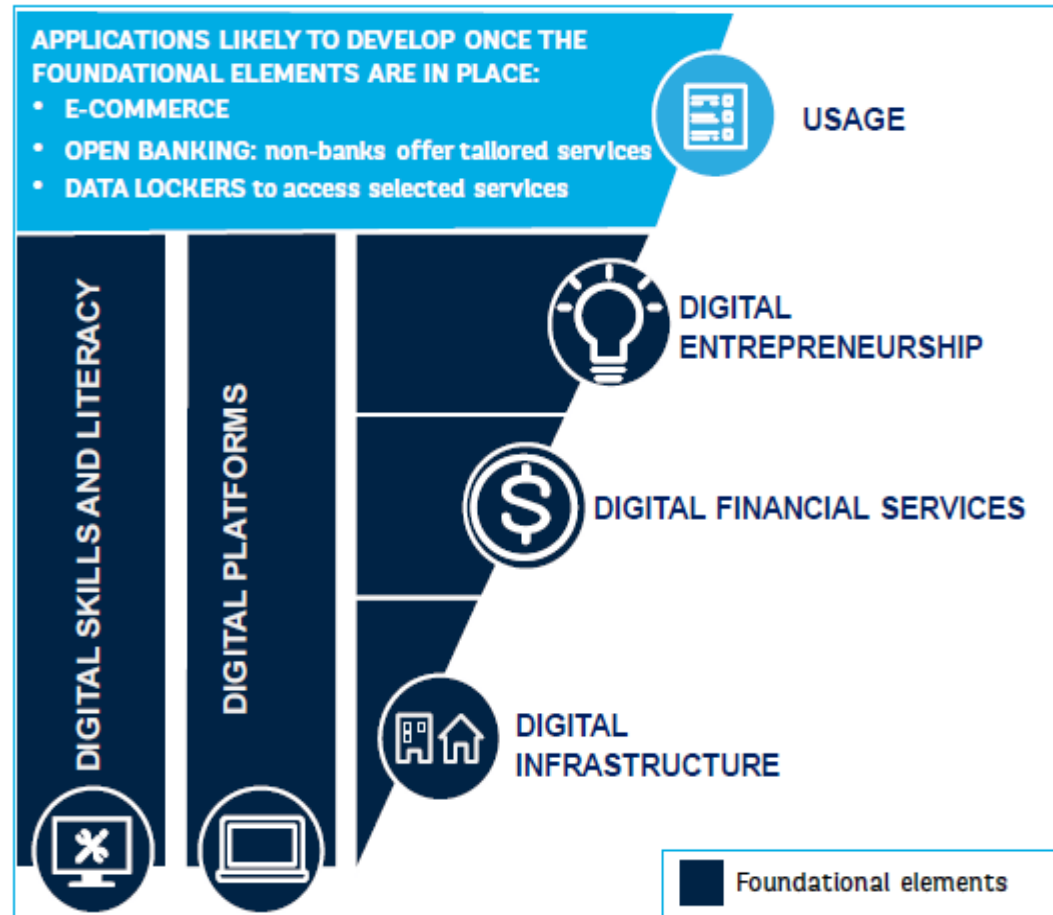
ID4D is a cross-sectoral platform that creates and leverages partnerships with United Nations agencies, other donors, non-government organizations, academia, and the private sector.



Example 2. Digital Economy for Africa - DE4A

For a successful and inclusive digital economy, African countries must build the foundational elements which will drive high-impact cases

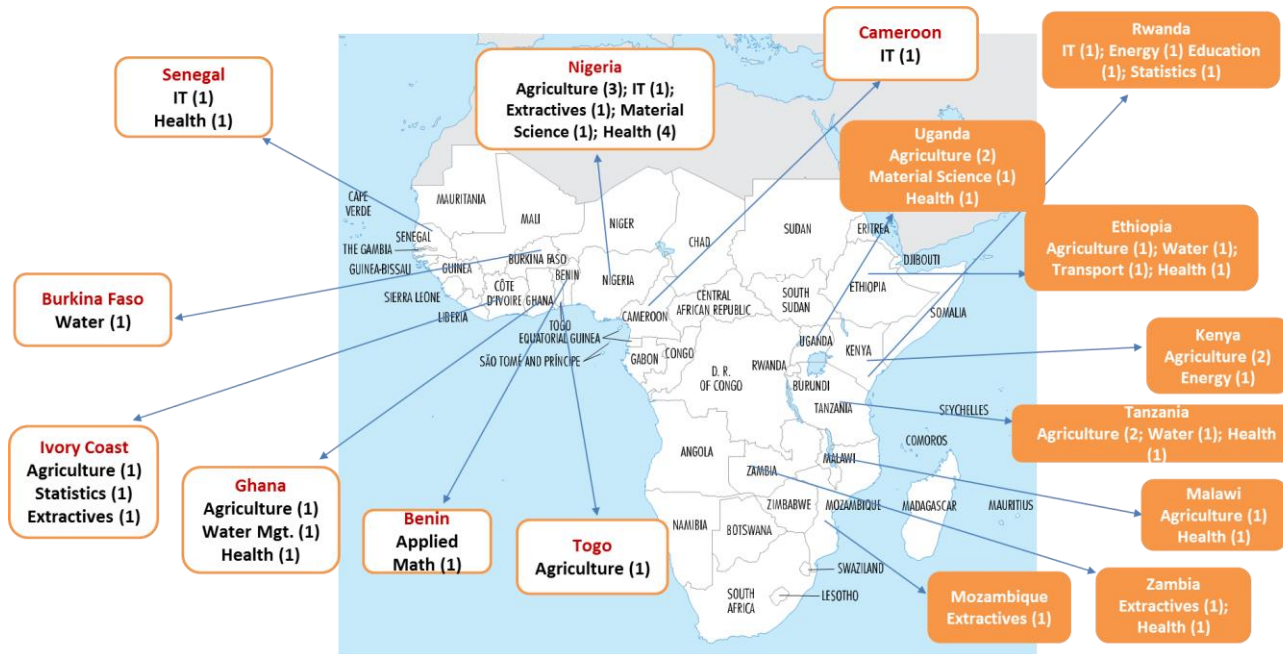
The WBG can accelerate progress on the foundational elements in Africa through a combination of public and private interventions along the digital value chain



Example 3. Investing in STI Capacities and Partnerships

ACE (Africa Higher Education Centers of Excellence)

Active Prep



Building STEM capacity in universities and research institutes

- About \$600m funding, since 2014
- 46 centers in 16 countries, competitively selected
- KPIs: publications, curriculum updated, regional talent mobility, partnerships, universities' income

PASET (Partnership for Skills in Applied Sciences, Engineering and Technology)



Pan-African fund contributed by governments and donors. Public-private partnership for:

- PhD scholarship
- Research grant
- Innovation grant

The Importance of Partnerships

We see opportunities of channeling and mobilizing public funding and catalyzing private investments, by shaping common objectives, defining delivery mechanisms and instituting mechanisms to track progress.

Gathering and harvesting Big Data for development purposes will be critical, and sensitive.



Boosting Human Capital will be essential to compete in a digital economy

“The education system is not working. What happens if you're stunted to begin with and your educational system is not providing you what you need to compete in the digital economy of the future”

The **Human Capital Project** is designed to help countries improve their education, health and social protection systems to raise the next generation of well-equipped and healthy people.

Three main indicators, reflecting building blocks of the **Human Capital Project**:

1. **Survival** – Will kids born today survive to school age?
2. **School** – How much school will they complete and how much will they learn?
3. **Health** – Will kids leave school in good health and be ready for further learning and/or work?

WBG can help bring to scale STI Roadmaps

Teams across UN agencies and the World Bank Group are working together to find ways to achieve necessary scale of support to countries to formulate and implement STI for SDGs roadmaps.

Recently signed MOU between UNSG and WBG President highlights this commitment ***to “expand and deepen partnerships in policy development and advocacy, joint analysis and assessments, and program design and delivery”***

We are committed to support the UN Technology Facilitation Mechanism to launch a global program of STI for SDGs roadmaps.

The WBG will bring to this initiative:

- *Support Joint STI Country Pilots*
- *Elevate STI Policy Dialogue at International Fora*
- *Engage with Private Tech Partners*
- *Accelerate Learning Loops*
- *Mobilize Financial Support*

Thank You

worldbankgroup.org/sdgs



Follow us on twitter @WBG2030

Mahmoud-Mohieldin on **LinkedIn**

