

## Horn of Africa Initiative Joint Development Partners' Virtual Technical Workshop on

### Programs for Pillar 1: Digital Infrastructure

March 23<sup>rd</sup>, 2022

3:00-5:30pm EAT / 8:00-10:30am EST

[Zoom link included in calendar invite](#)

Development partners in partnership with the Horn of Africa (HoAI) are accelerating their development agenda in the Horn of Africa region to effectively respond to, and emerge from, the COVID-19 pandemic more inclusive and resilient economies. Ensuring collaboration and harmonization amongst development partners on the digital agenda in HoA will help build synergies and complementarities for efficient and effective operations. Doing so can help streamline the sharing of best-practices and avoid redundancies to advance cross-border cooperation, regulatory and policy harmonization, and enhancing opportunities for regional investments.

To this effect, the African Development Bank (AfDB), and European Commission (EC) and the World Bank are proposing a virtual technical workshop focused on regional digital development on March 23<sup>rd</sup>, 2022. The workshop aims to (i) present the investment operations being designed (ii) present the findings of analytical studies being undertaken by the development partners, and (iii) align on country and regional priorities, and expectations from HoAI member countries. The participants from member countries are envisioned to include focal points from ministries of finance, thematic focal points for digital ID and ministries of telecommunications.

#### **Context:**

The digital economy has become an essential driver of economic growth, job creation and access to services across the globe, however with some of the lowest levels of connectivity infrastructure and highest broadband prices in the world, Horn of Africa (HoA) countries are experiencing a pressing digital infrastructure deficit and are only capturing a fraction of this growth. To address these challenges, the **HoAI** has mobilized resources and development partners to- among other priorities- improve regional infrastructure connectivity (Pillar 1 of HoAI agenda) and facilitate economic and trade integration (Pillar 2 of HoAI agenda), to work towards a regional digital economy.

Advancing HoAI's agenda is timely given the operationalization of the African Continental Free Trade Area (AfCFTA) in 2021, which will create opportunities for new markets and avenues to facilitate regional economic development. Improving the digital infrastructure and facilitating access to digital services is critical to support the implementation of AfCFTA and build the capacity of member countries to support harmonization of data and regulatory frameworks. While many of the sub-regions have worked together and achieved free movement of physical goods and services -- the next agenda is to work towards free flow of digital services across borders.

**The African Development Bank (AfDB) Group:** The Intergovernmental Authority on Development (IGAD) has submitted a funding request in November 2021 for the implementation of the Horn of Africa Digital Market Integration (HDMI) project. The overall objective of this project is to contribute to develop more deeply integrated economies across the Horn of Africa region through the creation of a single digital market. With the recent launching of AfCFTA, the integration of national African markets will open new

avenues of businesses and new jobs especially for youth and women. Thus, a massive recourse to digital technology represents a decisive support for the implementation of AfCFTA which is a key tool available to African economies severely impacted by the ongoing Covid-19 pandemic. Specifically, the project seeks to promote digital trade and e-commerce, contribute to adoption of a single digital market in the region and provide a tailored support on capacity development and harmonization of data and regulatory frameworks. The Implementing Agency will be IGAD. And AfDB has already mobilised a grant of **US\$ 5.79 million** for the first phase of this regional project in the framework of the Horn of Africa Initiative. In addition, AfDB is also preparing in parallel the mobilization of an additional grant of **US\$ 1 million** for conducting the detailed feasibility study (technical, economic, financial, environmental and social, legal and regulatory, etc.) of the Horn of Africa Digital Infrastructure Development (HDID) project in collaboration with IGAD, as well. The main objective of this TA is to prepare the ground for the implementation phase of this regional project that aims to interconnect each HoAI member country to all its neighboring countries through a mix of technology (fiber optic, alternative networks, etc.) approach, in accordance with the recommendations of the Programme for Infrastructure Development in Africa (PIDA). As a reminder, this Programme is led by the African Union Commission (AUC), NEPAD Secretariat and AfDB.

**European Commission (DG INTPA):** The EU considers the development of the digital economy as an important instrument for sustaining economic growth, promoting more efficient and transparent government and its associated services, and employment creation, notably for women and younger workers who face challenges finding quality employment. In the context of HoA, particular attention will be given to promoting a single digital market as an end goal of digital-related actions, which implies adopting national approaches that are compatible with one another, and taking advantage of economies of scale, say on shared infrastructure, where feasible. The approach will also leverage other aspects of the initiative, for instance developing digital connectivity during construction of economic corridors.

To this effect, the EU, especially through its Team Europe Initiatives and thus in close cooperation with its Member States, will aim to support digital transformation at the regional level as follows:

- **Digital Connectivity (infrastructure)** - to increase safe, resilient and trusted international connectivity through investments in international submarine cables and to boost the development of regional networks and address current missing links by supporting regional backbones and regional data infrastructures, with the goal of bridging the digital divide, increasing intra-regional traffic and reducing bandwidth disparities. The EU has recently launched a study for the Southern and Eastern Africa (ESA) region, with a specific work package on the Horn of Africa region. The Horn of Africa Initiative Project Profile assessment will be used as one of the cornerstones. Specific attention must be paid to security and reliability of connectivity infrastructures but also to the protection of data and sovereignty regarding data exchange, collection and processing.
- **Digital Governance** - to build on policy initiatives where the EU can share its experience with the Horn of Africa. The regional program “D4D Collaboration on Digital Government and Cybersecurity in the Horn of Africa region” will already allow for initiating action in the coming weeks/months, and establish regional partnerships and build capacity on eGovernment and cybersecurity.

In addition, blending mechanisms will be sought to leverage investments in the sector, with a focus on a Team Europe approach and noted involvement of EIB. The EU has funds available to finance feasibility studies (through international finance institutions) and may also benefit from the HoAI Multi-Donor Trust

Fund to cover certain studies. Furthermore, as policy impediments that constrain the effectiveness of investments are identified, such issues will be included in the policy dialogue with HoA Governments.

**The World Bank:** The next generation of **World Bank** digital projects are also designed to support countries and regional bodies reap the benefits of the digital economy. The World Bank's Single Digital Market Study<sup>1</sup> conducted in 2018 provides a framework for three layers of the Digital Economy -- digital infrastructure, data and online layers – and has informed the dialogue with a number of regional bodies (COMESA, EAC, IGAD, ECOWAS) as well as project design of the **Eastern Africa Regional Digital Integration Program (P176181)** currently under preparation (planned Board approval in November 2022 and estimated amount US\$ 230 million for Phase I). It is envisioned for the project to support both the HoA and East Africa Community (EAC) regions and will include financing for digital infrastructure and regional harmonization of regulations and enabling environment to safely ensure cross-border flows of digital services. This could entail ensuring interoperability of Digital IDs and digital financial services (DFS), strengthening the enabling environment for eCommerce and digital trade, increasing cooperation on Cyber Security and data protection. In this regard, the project will engage and support select regional economic communities to act as key conduits for the harmonization and adoption of regional regulations and standards towards the development of the regional digital market. This regional project will run parallel to, complementing an active portfolio of ongoing or planned national projects to support national-level efforts towards developing their digital foundations and accelerating the development of their digital economy, with ongoing projects in Djibouti, Ethiopia and Somalia, pipeline projects under preparation for Kenya and potential engagement in South Sudan. For additional information, see Annex 1.

#### **Annexes:**

- Annex 1: Workshop Agenda
- Annex 2: World Bank Eastern Africa Regional Digital Integration Program Phase I (P176181)
- Annex 3: EU D4D Collaboration on Digital Government and CyberSecurity in the HoA Region

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<sup>1</sup> <https://documents1.worldbank.org/curated/en/809911557382027900/pdf/A-Single-Digital-Market-for-East-Africa-Presenting-Vision-Strategic-Framework-Implementation-Roadmap-and-Impact-Assessment.pdf>

## Annex 1. Workshop Agenda

- |           |          |  |
|-----------|----------|--|
| 15:00 EAT | 8:00 EST | <b>Opening remarks from HoAI</b> <ul style="list-style-type: none"><li>• Mr. Badu Katelo, Head of HoAI Secretariate</li></ul>  |
| 15:10 EAT | 8:10 EST | <b>Opening remarks from AfDB, EU and WB</b> <ul style="list-style-type: none"><li>• Mr. Patrick Kanyimbo, Principal Regional Integration Officer, African Development Bank</li><li>• Mr. Fabio Di Stefano, Head of Sector for Economic Integration, Digital and Science Technology and Innovation (STI), DG INTPA, European Commission</li><li>• Ms. Isabel Neto, Practice Manager, Digital Development, Eastern and Southern Africa</li></ul> |
| 15:30 EAT | 8:30 EST | <b>Presentation on HDMI Programme</b> <ul style="list-style-type: none"><li>• Mr. Samatar Omar Elmi, Chief ICT Specialist, African Development Bank</li></ul>  |
| 15:50 EAT | 8:50 EST | <b>Presentation on Presentation on D4D Collaboration for Digital Government and CyberSecurity in the HoA region (PMU)</b> <ul style="list-style-type: none"><li>• Ms. Siri Snow, GIZ and Ms. Emilie Ong, Expertise France, Project Management Unit</li></ul>   |
| 16:10 EAT | 9:10 EST | <b>Presentation on Eastern Africa Regional Digital Integration Program</b> <ul style="list-style-type: none"><li>• Ms. Naomi Halewood, Senior Digital Development Specialist, World Bank</li></ul>   |
| 16:30 EAT | 9:30 EST | <b>Feedback from the HoAI Members on Priority Areas for Regional Digital Economy development</b>   |

## [Annex 2: World Bank Eastern Africa Regional Digital Integration Project \(P176181\)](#)

**The project development objective** is to increase access to broadband and digital services through the development and integration of digital markets in the Eastern Africa region, including both the Horn of Africa (HoA) and East Africa, allowing countries in these sub-regions to join when ready. The project will also support select regional economic communities (RECs) on their digital agendas in Eastern Africa and potentially across the continent.

**The proposed program** (US\$230 million, est. 2022-2027) aims to support investments as well as the harmonization and adoption of regional regulations and standards towards the development of the regional digital market, supporting regional and continent-wide Digital Initiatives (e.g. AU's Digital Transformation Strategy for Africa, AfCFTA) and complementing on-going or planned national and regional projects and programs<sup>2</sup>. Currently, interest for participation has been expressed by Somalia, Ethiopia and potentially Djibouti to assess their interest. As part of the project preparation process, the World Bank is undertaking several studies to identify investment gaps and regulatory and policy actions needed to operationalize and accelerate the regional digital integration agenda. The pre-feasibility studies will inform the design of the following project components:

- **Component 1: Connectivity Market Development and Integration** to reduce barriers to the provision of cross-border telecoms services through open markets as well as broadband connectivity infrastructure deployment, purchase of bulk capacity, ultimately increasing access and affordability of connectivity for end-users. It is expected that the majority of the investment financing will be applied to this component, prioritizing HoA countries.
- **Component 2: Data Market Development and Integration** to enable the secure exchange, storage and processing of data across borders to support regional deployment and access to data-driven services, innovation and infrastructure, including reducing regional restrictions on the free flow of data and increasing investments into data infrastructure.
- **Component 3: Online Market Development and Integration** to support the development and integration of the online market, which would enhance regional economic integration through trade, specifically via cross-border delivery and access of digital goods or services.

Interventions under each component will be sequenced and tailored to the needs of each sub-region (HoA and EAC) considering their different stages of digital development.

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<sup>2</sup> This note focuses on the HoA region, but complementary support is planned to be provided. Closely associated with this project, the WB is exploring ways to support the EAC to enhance the development of regional policies, regulations and agreements to remove barriers to cross-border connectivity, data flows and digital services, allowing a seamless and competitive regional digital ecosystem to emerge. This support builds on a series of national projects in EAC countries. A goal of this project would be to leverage the workstreams in each sub-region and to support greater integration between the EAC and the HoA. More generally, a continent-wide initiative covering a similar agenda is also being considered.

## Annex 2: D4D Collaboration on Digital Government and CyberSecurity in the HoA Region

The Action aims to support countries in the Horn of Africa (HoA) region to enhance their public sector service delivery through improved and secure digital delivery channels.

This Multi-Donor Action is jointly co-financed by the European Union (10M EUR) and the Federal Ministry for Economic Cooperation and Development (BMZ) (1M EUR) and implemented by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Expertise France (EF) and International and Ibero-American Foundation for Administration and Public Policies (FIIAPP).

The overall objective of the Action is to support member states of the Horn of Africa region to effectively apply digital technologies towards an efficient, people-centred and harmonised digital public service delivery.

This overall objective will be pursued through two complementary components adhering to two specific objectives, to be fulfilled implemented by GIZ/FIIAPP (Specific Objective 1) and Expertise France (Specific Objective 2) respectively.

### **Specific Objective 1 (eGovernment component implemented by GIZ and FIIAPP)**

Selected Horn of Africa countries enhanced their service delivery through implementing digital government services (through Govstack approach).

- Output 1**                      The strategic, technical, and regulatory prerequisites to introduce government e-services in selected countries of the Horn of Africa Region are evaluated (Implemented by GIZ)
- Output 2**                      E-government building blocks are technically adapted for the use in selected member states of the Horn of Africa Region (Implemented by GIZ)
- Output 3**                      The technical and methodological competences of civil servants in the Horn of Africa Region to implement the e-government building blocks have been strengthened (Implemented by GIZ & FIIAPP)

### **Specific Objective 2 (Cybersecurity component implemented by Expertise France)**

HoA countries develop and improve national and regional cybersecurity.

- Output 1**                      Strategic and institutional cybersecurity frameworks are reinforced and converging towards shared regional standards
- Output 2**                      Cybersecurity awareness and capacities of government officials and IT professionals as well as the general public are strengthened.
- Output 3**                      Operational capacities to handle cybersecurity incidents are enhanced



Implemented by:



# HoAI - Digital Technical Workshop under DIGITAL Integration (Pillar 1)

23.03.2022

## D4D Collaboration for the Horn of Africa Initiative on Digital Government & Cybersecurity

1

**PROJECT  
OVERVIEW**

# Project Overview

D4D Collaboration for  
the HoAI on Digital  
Government and  
Cybersecurity

**Title:** D4D Collaboration for the Horn of Africa Initiative on Digital Government and Cybersecurity

**Volume:** 11 Mio funded by EU and the German Federal Ministry of Economic Cooperation and Development

**Duration:** 01/2022 - 03/2025, Inception Phase: 01/2022 - 06/2022

**Project Partners:** Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, Expertise France (EF) & International and Ibero-American Foundation for Administration and Public Policies (FIIAPP)

**Objective:** Support selected Horn of Africa countries to enhance their digital service delivery through implementing digital government services and to develop and improve national and regional cybersecurity in the HoA region.

## Components:

1. Digital Government (GIZ/FIIAPP)
2. Cybersecurity (EF)

**Partner Countries:** Djibouti, Kenya, Somalia, Ethiopia (*component 2*)



Implemented by:



2

**DIGITAL  
GOVERNMENT**  
(COMPONENT 1)

# Component 1 Digital Government

**Objective:** Support selected Horn of Africa countries to enhance their digital service delivery through implementing digital government services

## Project Partners:

- GIZ
- FIIAPP

**Implementing Partners:** Digital Impact Alliance (DIAL), International Telecommunication Union (ITU), Estonian Centre for International Development (ESTDEV)

**Approach:** GovStack – Building Block approach to the digitization of government services:

- Interoperable, reusable building blocks: **GovStack**
- Easy customization, design and implementation
- Reduce **cost, time, and resources** required to create and modify digital services



Implemented by:



# Component 1 Digital Government



## *Strategy*

### **Digital Government strategy and roadmap development**

Evaluation of the strategic, technical and regulatory prerequisites to introduce government e-services.



## *Technical Design*

### **Technical specification and design of e-government service use case**

Technical design and proof of concept on how a use case could be implemented using the building block approach.



## *Capacity Strengthening*

### **Capacity strengthening for digital government**

Strengthen the technical and methodological skills of civil servants to implement e-government services

# Component 1 Digital Government

**Digital Government Strategy and Roadmap Development:** Evaluation of the strategic, technical and regulatory prerequisites to introduce government e-services.

## Action Area 1 Activities

Implemented by



*Consultation to  
identify priorities  
and  
prerequisites*



*Needs  
Assessments*



*Customization of  
implementation  
plan*



*Roadmap  
development*

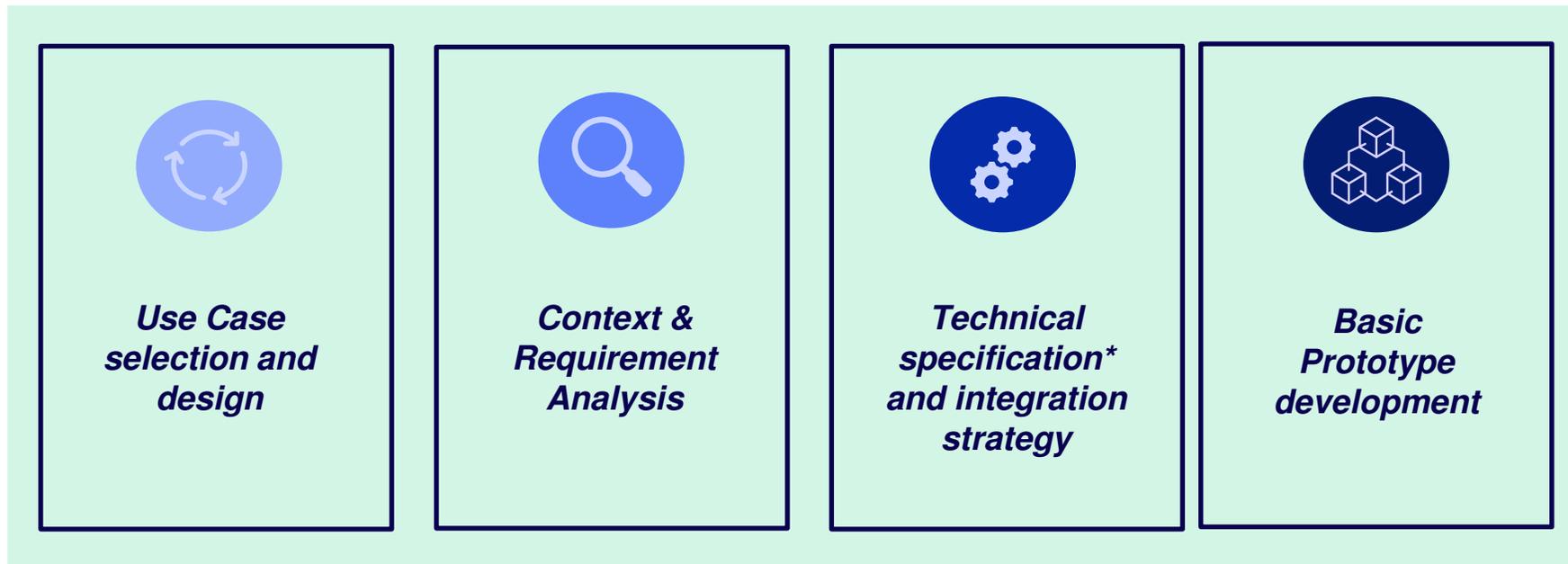
# Component 1 Digital Government

## Technical specification and design of e-government service use case:

Technical design and proof of concept on how a use case could be implemented using the building block approach.

### Action Area 2: Activities

Implemented by



\*Specifications = e.g., regulatory and technical requirements / standards

# Component 1 Digital Government

**Capacity Strengthening:** Strengthen the technical and methodological skills of civil servants to digitize government services

## Action Area 3: Activities

Implemented by



**Comstumization  
of Capacity  
Development  
Plan**



**Training on e-  
government  
building blocks**



**Training on  
change  
management**



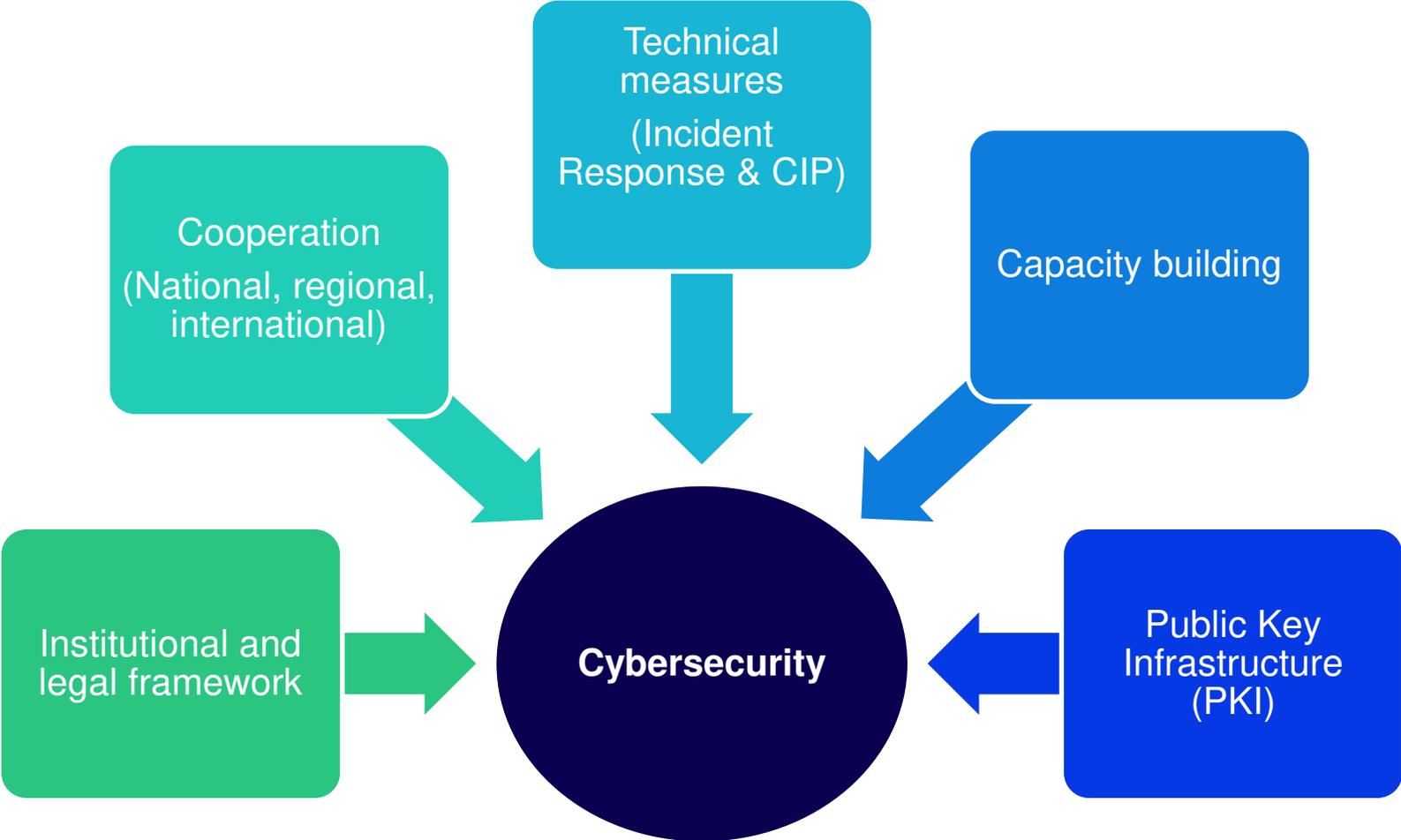
**Communities of  
Practice**

3

**CYBERSECURITY**  
(Component 2)

# Cybersecurity dimensions

D4D Collaboration for the HoAI on Digital Government and Cybersecurity



# Component 2 Cybersecurity

D4D Collaboration for the  
HoAI on Digital  
Government and  
Cybersecurity

## Specific objective 2:

Horn of Africa countries develop and improve national and regional cybersecurity



**Output 1 :**  
STRATEGIC AND  
INSTITUTIONAL  
FRAMEWORK

**Strategic and institutional cybersecurity frameworks** are reinforced and converging towards shared regional standards

**Output 2:**  
AWARENESS AND  
CAPACITY BUILDING

**Cybersecurity awareness and capacities** of government officials and IT professionals as well as the general public are strengthened

**Output 3:**  
TECHNICAL TOOLS AND  
SUPPORT

Operational capacities to **handle cybersecurity incidents** are enhanced

# Component 2 Cybersecurity

## OUTPUT 1 : STRATEGIC AND INSTITUTIONAL FRAMEWORK

### DEFINITION OF A STRATEGIC AND INSTITUTIONAL FRAMEWORK IN INTERNATIONAL AND REGIONAL COOPERATION IN CYBERSECURITY

To increase the global resilience and security of national ICT assets, which support critical functions of the state or of the society as a whole, the project will support the promotion, the design and the adoption of regional guidelines and national cybersecurity strategies. These strategies should aim to converge towards a common comprehensive understanding of cybersecurity and the protection and increased resilience of critical information infrastructures.

**A1: CONDUCT NATIONAL READINESS ASSESSMENTS**

**A2: SETUP A REGIONAL TECHNICAL COMMITTEE (RTC)**

**A3: DESIGN REGIONAL GUIDELINES IN ALIGNMENT WITH  
INTERNATIONAL BEST PRACTICES ON SECURITY OF NETWORKS AND  
INFORMATION SYSTEMS**

- **Established forum network and events that convene cybersecurity community**
- **Regional guidelines are available for countries to use**
- **Countries have plans to implement regional guidelines**

*Timeline: 24 months*

# Component 2 Cybersecurity

## OUTPUT 2 : AWARENESS AND CAPACITY BUILDING

### STRENGTHEN AWARENESS AND SKILLS ON KEY CYBERSECURITY ISSUES

In efforts to enhance cybersecurity, human resource is the most important actor success. It is important that citizens at large, decision makers and cybersecurity professionals, each at their own level, take responsibility and act accordingly.

#### A1. HIGH-LEVEL DIALOGUE ON CYBERSECURITY STAKES

#### A2. DIGITAL HYGIENE AWARENESS AT LARGE

#### A3. PROFESSIONAL TRAINING

- **Decision makers champion cybersecurity activities**
- **Digital governance initiatives in member states have mainstreamed cybersecurity**

*Timeline: 30 months*

# Component 2 Cybersecurity

## OUTPUT 3 : TECHNICAL TOOLS AND SUPPORT

### PROVIDE ADEQUATE REGIONAL RESSOURCES FOR IMPLEMENTATION AT NATIONAL LEVEL

Technical measures are provided to technical institutions and frameworks dealing with cybersecurity, meant to enhance cybersecurity, to reduce vulnerability and to detect and respond to cyberattacks. Operating a CSIRT forms a core component of a country's overall strategy to secure and maintain the services and infrastructures that are vital to national security and economic growth.

#### A1. SET-UP A REGIONAL KNOWLEDGE PLATFORM

#### A2. IMPLEMENTATION OF A NATIONAL C-SIRT IN MEMBER STATES

#### A3. INTRODUCTION OF MONITORING TOOLS AND SYSTEMS

- **Established mechanisms of information sharing is operational**
- **A National CSIRT is set up in at least one country**
- **Monitoring tools and systems are up and active.**

*Timeline: 24 months*



# D4D in DG International Partnerships

Peter Mariën

Team Leader - Digital Governance

DG International Partnerships

Unit F5 - STI and Digitalisation

# International Partnerships and digitalization



**“THE DIGITAL TRANSFORMATION  
MUST WORK FOR ALL PEOPLE.  
NO ONE SHOULD BE LEFT BEHIND.”**

JUTTA URPIILAINEN



# Policy documents shaping the D4D

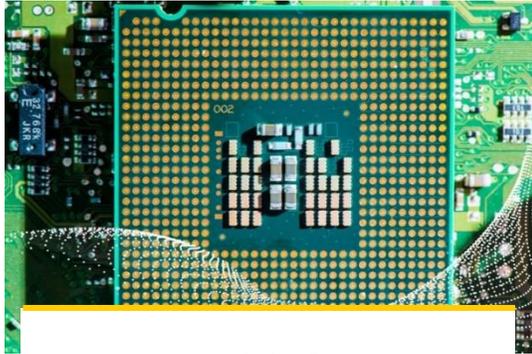
- 2021 - Global Gateway
- 2021 - Digital Decade
- 2020 5G Toolbox
- 2020 - EU Cyber Security Strategy 2020
- 2018-2019
  - Africa-Europe Digital Economy Partnership and Report of the AU-EU Digital Economy Task Force
  - EU-Central Asia Strategy
  - Connecting Europe and Asia Strategy
  - EU-Latin America and the Caribbean strategy
- 2017 - EU Digital for Development Policy



# Global Gateway: Investing in hard and soft infrastructure

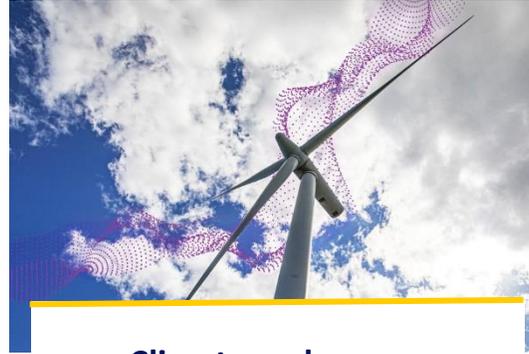
- **Global Gateway** is about [increasing investments](#) promoting [democratic values](#) and high [standards](#), good [governance](#) and [transparency](#), equal [partnerships](#), green and clean, [secure](#) infrastructures and that [catalyse private sector](#) investment
- Global Gateway will offer a [values-based option](#) for partner countries to choose from when deciding how to meet their infrastructure development needs. This means adhering to the rule of law, upholding high standards of human, social, and workers' rights and respecting norms from international rules and standards to intellectual property. It means selecting investments that are [sustainable](#) – for local people, local environment and local economies. It means taking an ethical approach so that infrastructure projects do not create unsustainable debt or unwanted dependencies.

# Global Gateway : Investment priorities



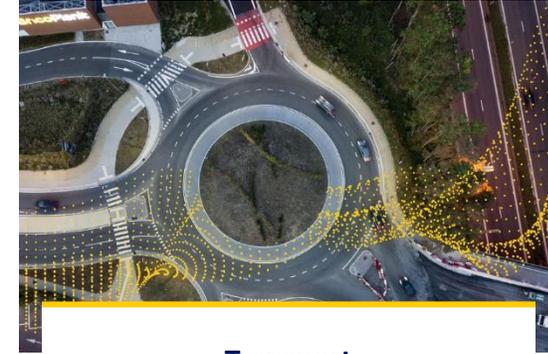
## Digital

The EU will support open and secure internet



## Climate and energy

The EU will support investments and rules paving the way to the clean energy transition



## Transport

The EU will support all modes of green, smart and safe transport



## Health

The EU will help strengthen supply chains and local vaccines production



## Education and research

The EU will invest in high quality education, with a focus on girls and women and vulnerable groups

# Digital Decade Communication

## Skills

**ICT Specialists:** 20 million + Gender convergence  
**Basic Digital Skills:** min 80% of population



## Public Services

**Key Public Services:** 100% online  
**e-Health:** 100% availability medical records  
**Digital Identity:** 80% citizens using digital ID

## Infrastructures

**Connectivity:** Gigabit for everyone, 5G everywhere  
**Cutting edge Semiconductors:** double EU share in global production  
**Data – Edge & Cloud:** 10,000 climate neutral highly secure edge nodes  
**Computing:** first computer with quantum acceleration

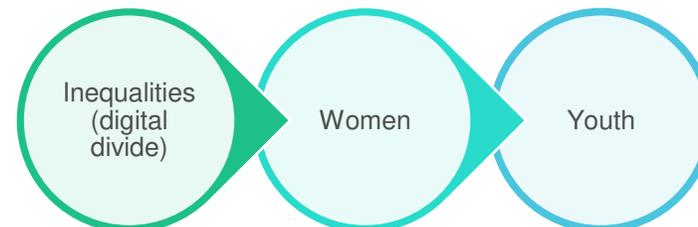
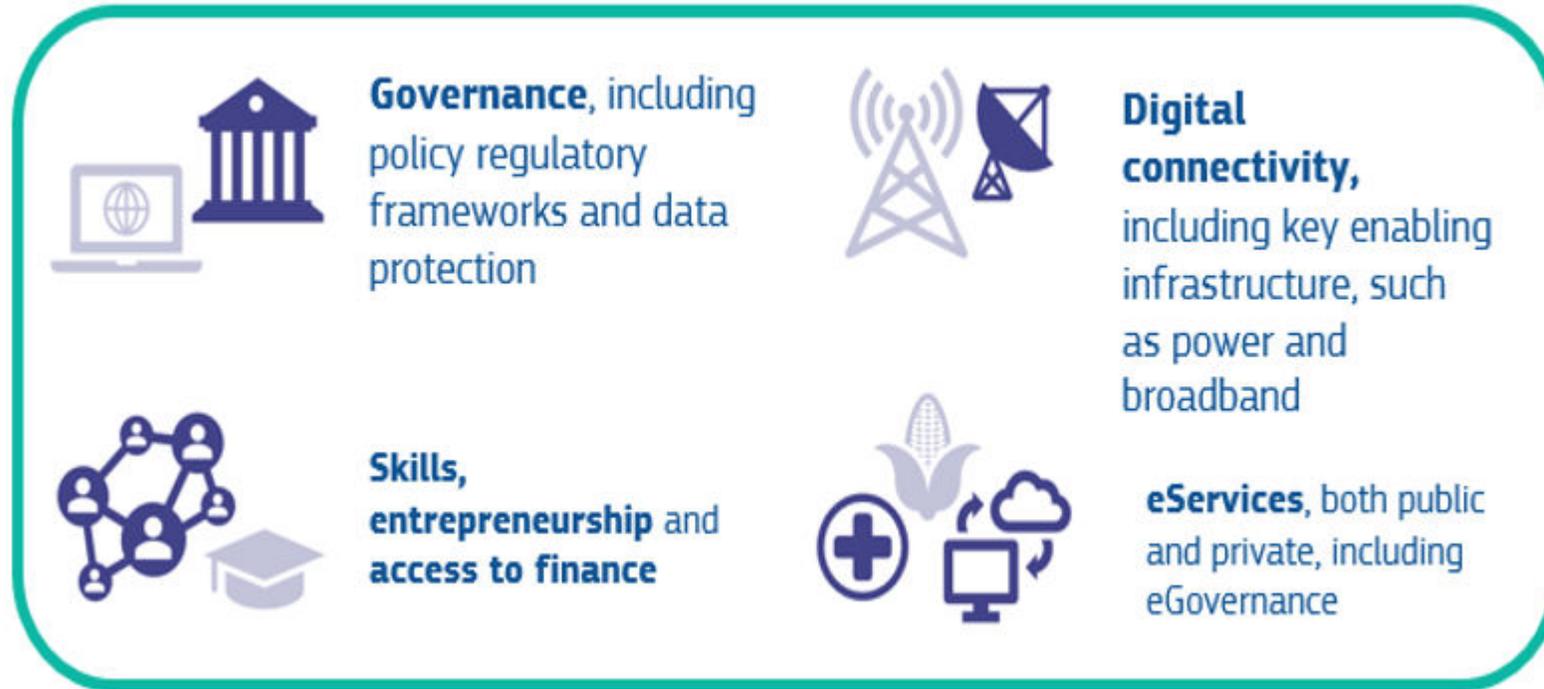
## Business

**Tech up-take:** 75% of EU companies using Cloud/AI/Big Data  
**Innovators:** grow scale ups & finance to double EU Unicorns  
**Late adopters:** more than 90% of European SMEs reach at least a basic level of digital intensity

# Policy Framework



## The Four-Pillar Approach of Digital4Development (D4D)



# The D4D under the 2021-2027 MFF

## Principles for the programming

- Focus on **the four-pillar architecture of the D4D**: 1) digital and data governance; 2) Digital connectivity; 3) Digital skills and Entrepreneurship; 4) E-services
- Develop **synergies with existing or planned EU digital initiatives** (e.g. digital infrastructure DG CNECT, DEFIS, RTD, JRC)
- Strong **Team Europe** approach and involvement of the **D4D Hub**
- Use a **mix of financing sources** NDICI, EFSD+, PPPs, TE approaches, TAIEX, TWINNING
- **Level of Intervention: (i) Country level**: bulk of the work (in line with geographisation and policy first principles); building on the Team Europe Initiatives (pre-programming phase); **(ii) Regional/continental**: e.g. EU-AU Data Flagship; **(iii) Global**: making EU a stronger global actor and a champion of multilateralism (Global Challenges action);

# EASTERN AFRICA REGIONAL DIGITAL INTEGRATION PROGRAM

## HoAI Digital Technical Workshop

March 23, 2022

Digital Development Global Practice



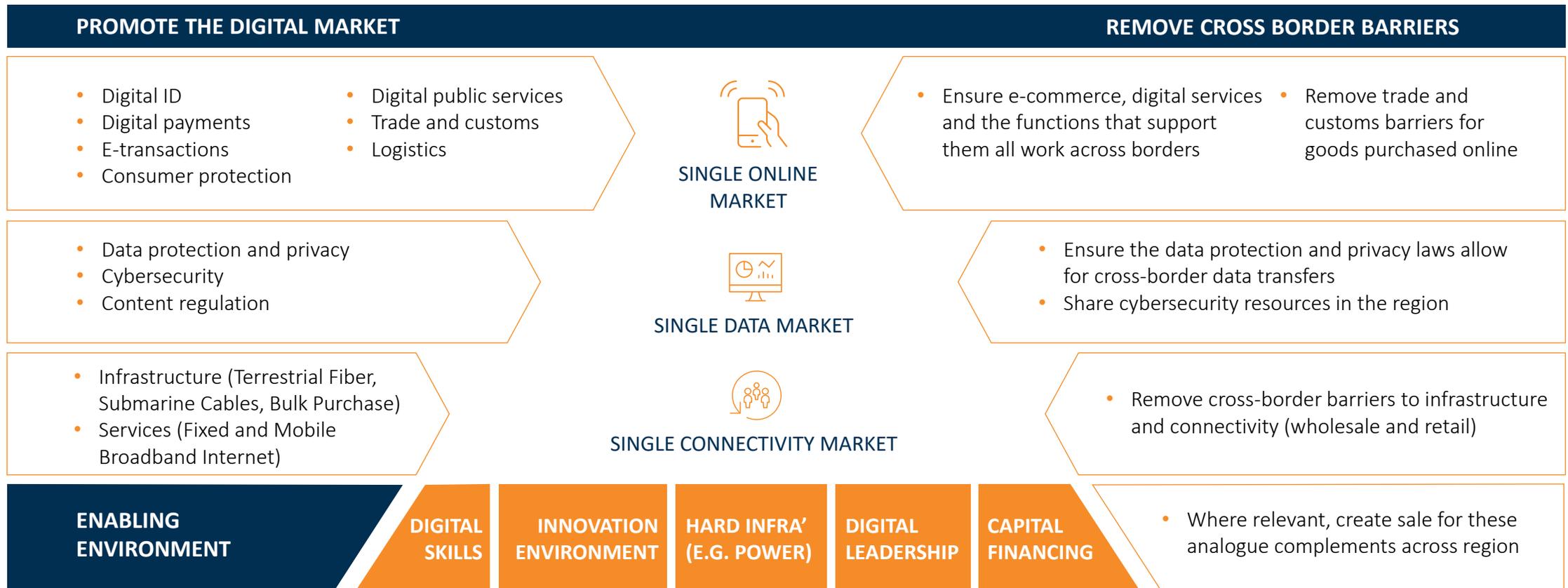
# OVERVIEW OF EASTERN AFRICA REGIONAL DIGITAL INTEGRATION PROGRAM

The **project development objective** is to increase access to broadband and digital services through the development and integration of digital markets in the Eastern Africa region. The project forms part of the engagements under the Horn of Africa initiative.

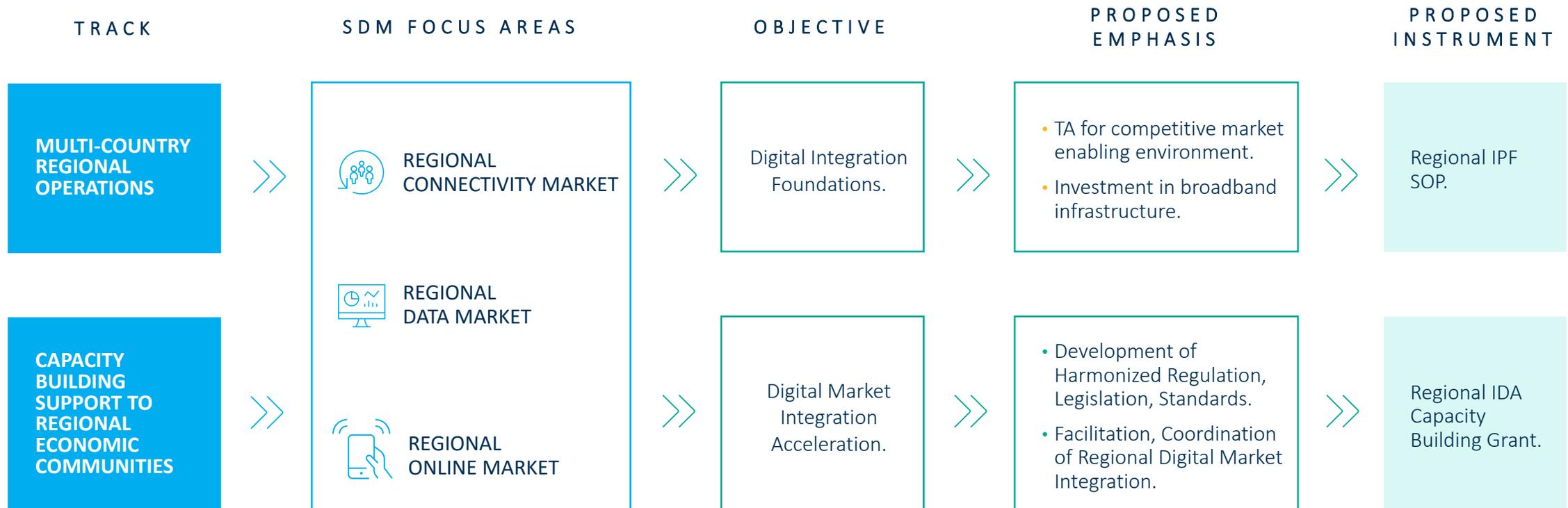


Estimated IDA for Phase I	US\$230 million
Countries that have indicated interest	<ul style="list-style-type: none"> <li>- Federal Democratic Republic of Ethiopia</li> <li>- Federal Republic of Somalia</li> <li>- Republic of South Sudan – TBC</li> <li>- Republic of Sudan*</li> </ul>
RECs US\$ 20m +	Regional Economic Communities

# ANALYTICAL UNDERPINNING: THE SINGLE DIGITAL MARKET (SDM) FRAMEWORK WHICH PROVIDES A HOLISTIC APPROACH TO ADDRESS THE DEVELOPMENT OF THE DIGITAL ECONOMY



# PROPOSED 2-TRACK APPROACH FOR IMPLEMENTING THE NEXT GENERATION REGIONAL SUPPORT PROGRAM - WITH INITIAL TARGETS IN EASTERN AFRICA.



# PROJECT PREPARATION TIMELINE

## HORN OF AFRICA and EAST AFRICA

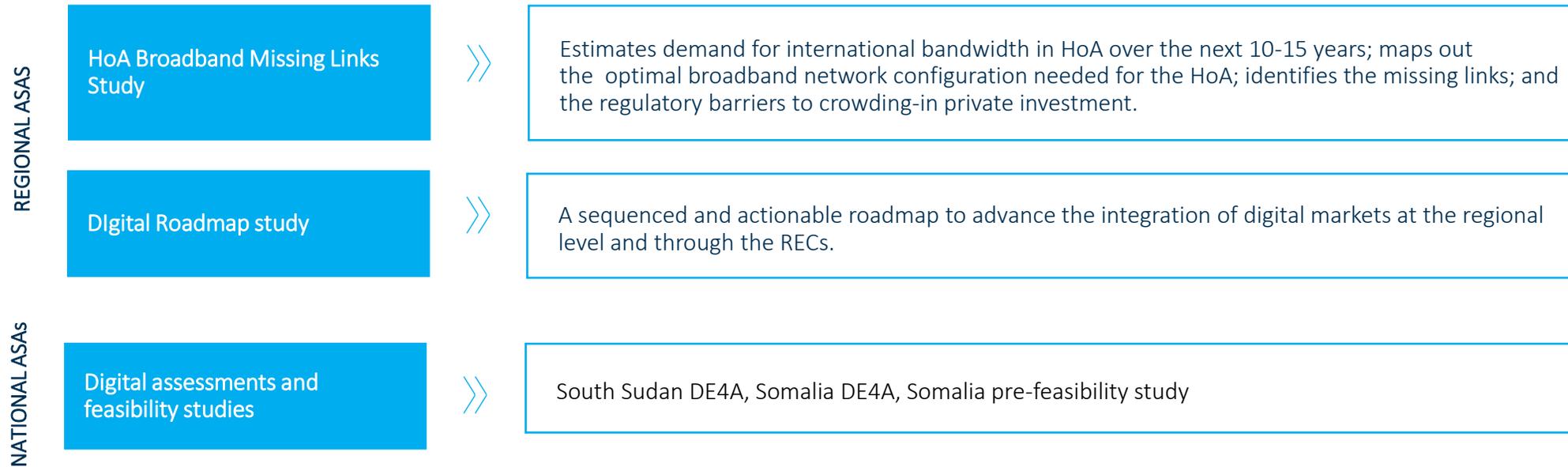


- PCN approval
- PID and PCN disclosure
- Regional feasibility/analytical study identification and launch

- Country and REC identification and engagement
- National PPA and study needs identification
- PPAs, ESF, and PAD development
- Undertaking national feasibility Studies



# TWO PRE-FEASIBILITY STUDIES ARE BEING UNDERTAKEN TO IDENTIFY POTENTIAL AREAS FOR SUPPORT

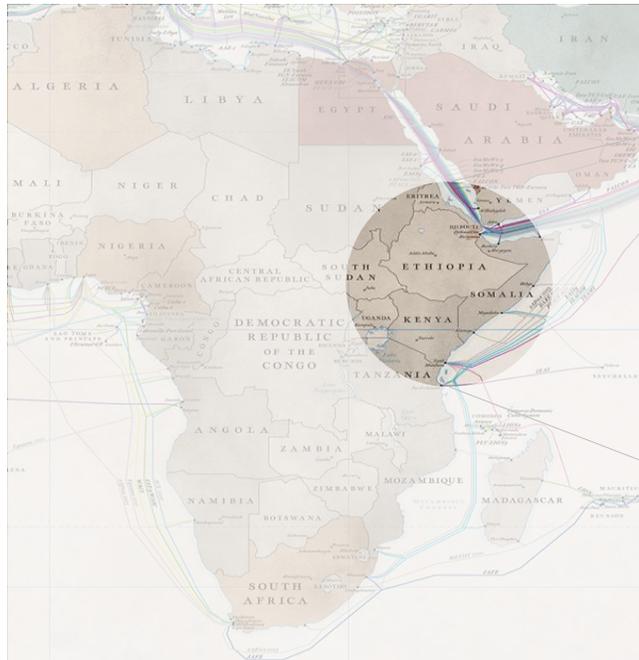


# CROWDING-IN PRIVATE INVESTMENT TO ENHANCE CROSS-BORDER LINKS IS CRITICAL TO REGIONAL INTEGRATION, ESPECIALLY IN THE HORN

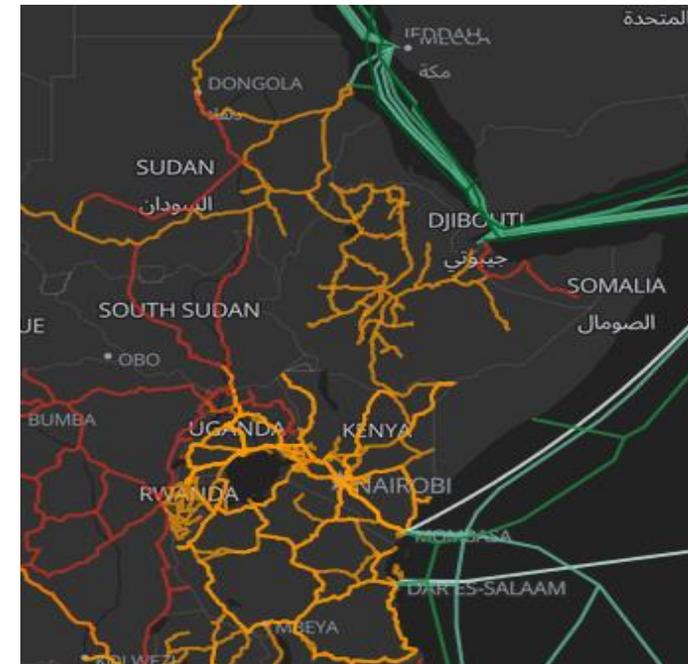


Infrastructure deficits, especially in the Horn, is keeping accessibility, affordability and quality of service low

Accessibility to International Submarine Cables is an Essential component of the Internet Market (Alternate Routes and Redundancy)



Development of Cross-National Terrestrial Backbones and Regional Networks is Key to bringing Internet Capacity from the Coastal landing stations to Populations in the Interior parts of the region.



# SECOND STUDY ON **DIGITAL ROADMAP** WILL PROVIDE SEQUENCED, ACTIONABLE STEPS FOR RECS TO FACILITATE **CROSS-BORDER FLOWS** OF DIGITAL SERVICES

*Sample list of indicators- non exhaustive*

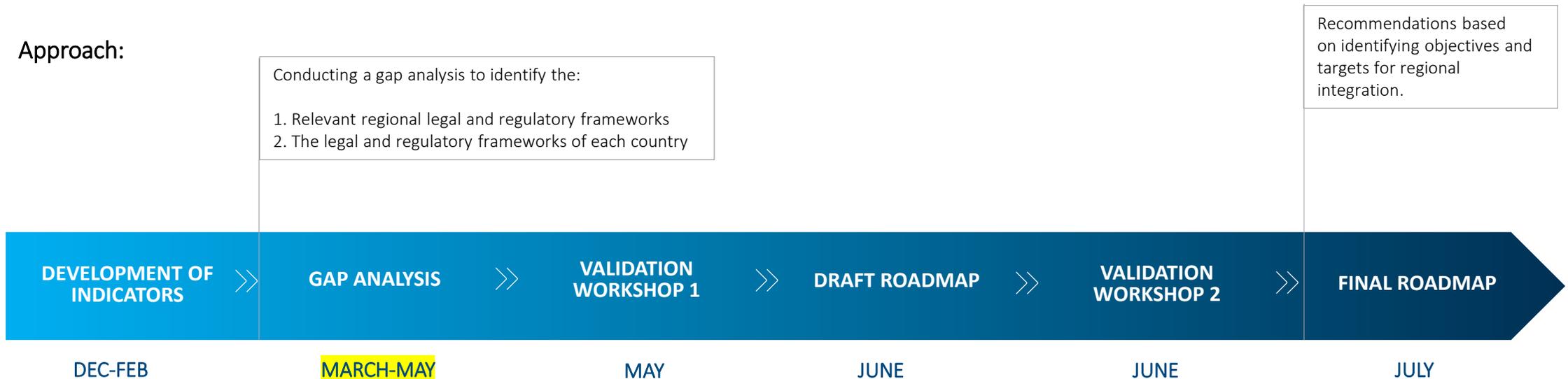
Data protection- national	General data protection law	<i>A general data protection law in effect</i>
		<i>Applicable across economy (public and private) with limited exclusions</i>
	Cross border flows	<i>Any data localization requirements are reasonably limited</i>
		<i>Recognition of adequacy of certain jurisdictions with sufficient legal protections</i>
Electronic signatures, transactions and commerce and national digital ID- regional	National digital ID	<i>Regional requirements for mutual recognition of ID system credentials for authentication, subject to meeting certain standards</i>
Cybercrimes and cybersecurity - regional	Regional cooperation on cybercrimes investigations and prosecutions	<i>Requirement to designate a point of contact for international cooperation requests</i>
		<i>Mechanisms to facilitate extradition</i>
	Regional cooperation in cybersecurity	<i>Regional mechanisms to coordinate preventative measures, threat detection and responses at international level</i>
		<i>E-commerce prices must be clear and unambiguous and indicate whether they include taxes and delivery cost</i>
Digital financial services - regional	Mobile payments	<i>Requirements for cross-border interoperability among providers</i>
		<i>Requirements for low or no fees for cross-platform, cross-border transactions</i>

# STUDY TIMELINE

**Output:** A sequenced roadmap that outlines the role of RECs in advancing digital economy integration through the development of legal instruments and regional institutional strategies

**Geographic focus:** East African Community (EAC) ( Burundi, Kenya, Rwanda, Tanzania, South Sudan, Uganda) and Horn of Africa region: Djibouti, Ethiopia and Somalia

## Approach:



# THE PROGRAM WILL SUPPORT TRUSTED CROSS-BORDER DATA FLOWS TO ACCELERATE INNOVATION IN E-SERVICES



A single data market enables the **trusted, secure exchange, storage, and processing of data across borders**; support regional deployment of data infrastructure; and **drive supply and demand for data-driven services and innovation across the region.**

The program will provide TA to enhance:

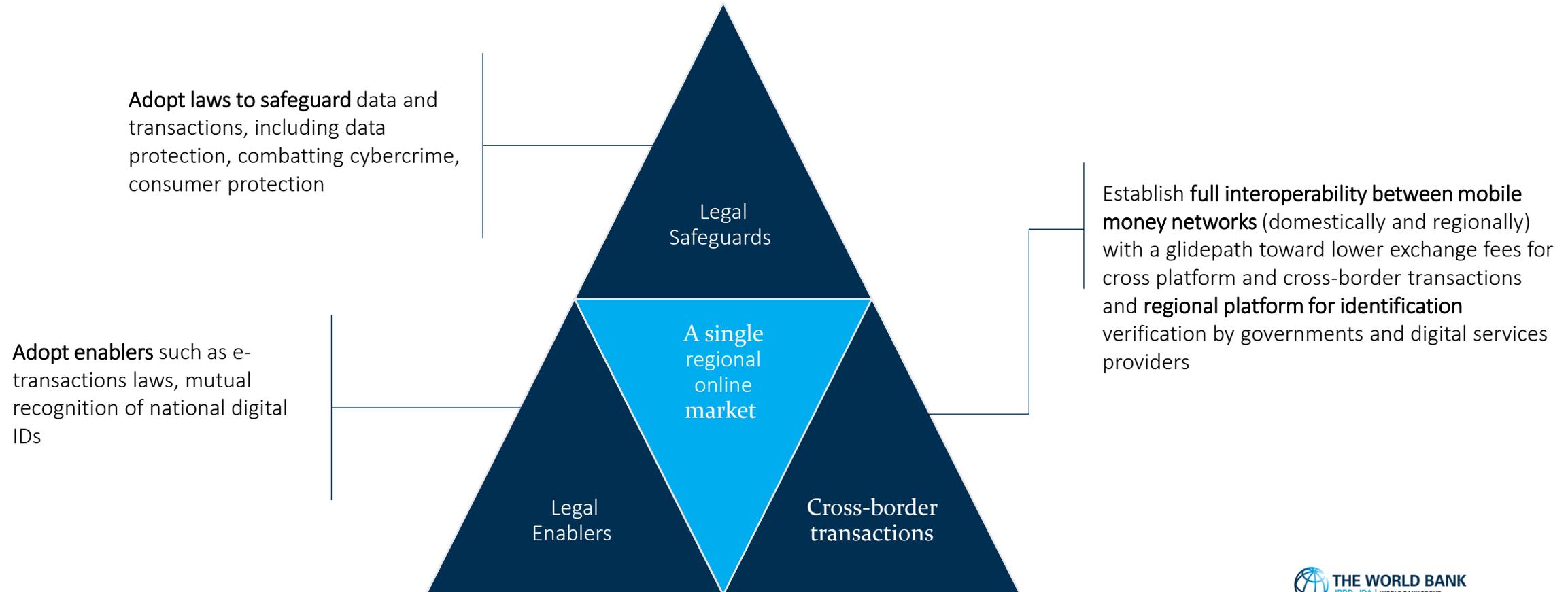
1. Regional communications regulations
2. Data protection and cybersecurity



# THE PROJECT SEEKS TO **STRENGTHEN DIGITAL SERVICES IN THE REGION THROUGH THE ESTABLISHMENT OF A SINGLE ONLINE MARKET**

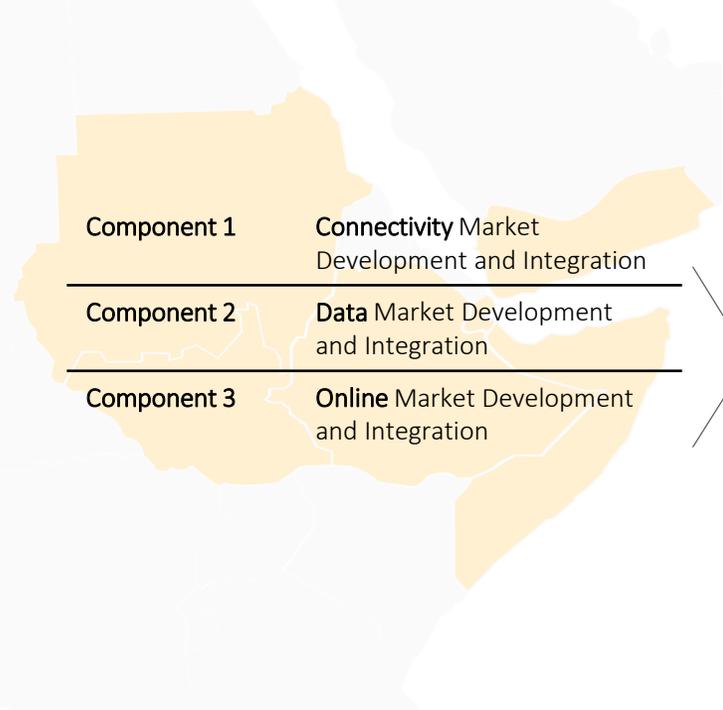


A single regional online market will allow firms, governments, and citizens to access and deliver both public and private services online; undertake e-commerce transactions; and access digital content and information seamlessly from anywhere in the region



# A REGIONAL EFFORT WOULD ALLOW FOR COST EFFICIENCIES AND SUSTAINABILITY IN DIGITAL INFRASTRUCTURE AND SERVICES, THROUGH SHARED INVESTMENTS AND DEMAND AGGREGATION.

*\* This table is indicative*



	Infrastructure Investment Needs				Technical Assistance Needs		
	Submarine Cable / Festoon Cable	Bulk purchase of int'l bandwidth capacity	Missing terrestrial links (incl. cross-border)	Regional IXP and/or Data Centers	Regional/cross-border communications regulations	Data protection / Cyber Security	Regional eCommerce / Digital payments / Trade Platforms
SOMALIA	•	•	•	•	•	•	•
ETHIOPIA		•	•				
DJIBOUTI	•						
SUDAN	•	•					
SOUTH SUDAN		•	•				
YEMEN	•		•				

## *Requesting feedback from HoAI Member States –*

- *Thoughts and Questions on Initiatives by AfDB, EU and World Bank?*
- *Digital Priorities for the HoA Region and Areas for Regional Cooperation?*
- *Potential role of RECs in Regional Digital Development and Integration?*
- *Any Other Guidance*

