



PROJECT OVERVIEW



AGRO-INDUSTRIAL HUB PROJECT IN NORTHERN CÔTE D'IVOIRE

I. THE VISION

“To establish Northern Côte d'Ivoire as a driver of sustainable, inclusive, and competitive agro-industrial transformation, capable of enhancing the value of local agricultural production, improving food security, and boosting the local economy through an integrated and innovative approach.”

The vision of the **Northern Agro-Industrial Hub Project (2PAI-NORD)** is to serve as a catalyst for development in the northern regions of Côte d'Ivoire. This initiative seeks to modernize agriculture and create sustainable economic opportunities for rural populations. Aligned with the **National Development Plan (PND 2021-2025)**, it contributes to the structural transformation of the economy through industrialization and the development of value chain clusters.

At the sectoral level, the project is part of the **Integrated Agricultural Hubs (PAI)** under the **Second-Generation National Agricultural Investment Program (PNIA II 2018-2025)**, the strategic framework for public and private investments aimed at stimulating growth, reducing poverty, and enhancing food security. The project focuses on establishing a physical agro-industrial infrastructure for processing targeted commodities, structured around:

- **One (01) Central Hub** housing key industrial units and support services (logistics, a one-stop shop, certification and homologation centers, etc.);
- **Five (05) Aggregation and Service Centers (CAS)** dedicated to storage, secondary packaging, and primary processing of agricultural products.

Specific project objectives include:

- **Increasing private investment** in the processing of key agricultural products (rice, maize, peanuts, vegetables, livestock and fisheries resources, cashew apples, cottonseed, mangoes, and shea).
- **Improving market access** for farmers and pastoralists through tailored infrastructure and capacity-building initiatives.
- **Enhancing agro-pastoral productivity** by upgrading hydro-agricultural systems, market access roads, and facilitating access to agricultural services (inputs, mechanization, and financing).

The project spans **four (4) northern regions (Poro, Bagoué, Tchologo, and Hambol)**, representing **26% of the national territory, 10% of the population, and 60–65% of economic activity in agriculture**. It aims to strengthen community resilience against climatic, environmental, and economic challenges.



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II. KEY PILLARS OF THE VISION:

1. **Structured Agro-Industrial Transformation:** Develop a high-performing agro-industrial ecosystem, centered around a central hub and aggregation/service centers, to maximize the value-added of local agricultural production.
2. **Enhanced Productivity and Resilience:** Modernize agricultural infrastructure (dams, irrigated perimeters), improve market access, facilitate the adoption of technologies/innovations, and strengthen community resilience to climate change.
3. **Social Inclusion and Job Creation:** Promote the participation of youth, women, and Small & Medium Agricultural Enterprises (SMAEs), with tailored support mechanisms and improved access to financing.
4. **Market Security and Private Investment Attractiveness:** Encourage investment in local processing, reduce import dependency, and position Côte d'Ivoire as a key player in agro-industrial exports.
5. **Sustainability and Positive Environmental Impact:** Adopt sustainable farming practices, promote agroforestry, circular economy, and green innovation to protect natural resources.

This vision is built on an inclusive and collaborative approach, engaging the private sector (investors), technical partners (BNETD, AGEROUTE, CEPICI, CI-PME, ANADER, FIRCA, ADERIZ, SODEFOR, INP-HB, UPGC), local institutions (District, Regional Councils), industry associations, and rural communities to foster a sustainable and integrated economic dynamic.

III. AMBITION

"Agri-processing, Innovation, Sustainability, Inclusion, Growth."

These terms encapsulate the project's ambition to modernize agriculture, strengthen agribusiness, ensure sustainable development, and foster inclusive opportunities.

IV. MISSIONS

The **Northern Agro-Industrial Hub Project (2PAI-NORD)** aims to transform agriculture in northern Côte d'Ivoire into a driver of economic, social, and environmental development. It is part of a broader strategy for agricultural modernization and inclusive economic growth.

The project's mission is structured around five strategic pillars:



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1. Agro-Industrial Development

- **Establish a high-performance agro-industrial hub and five (5) Aggregation and Service Centers (CAS)** to streamline and modernize agricultural value chains.
- **Promote local processing** of key agricultural products (rice, maize, peanuts, vegetables, livestock and fisheries resources, cashew apples, cottonseed, mangoes, and shea).
- **Attract private investment** and facilitate the establishment of industrial processing units.

2. Agricultural Productivity Enhancement

- **Strengthen production infrastructure**, including:
 - 6 hydro-agricultural dams,
 - 10 agro-pastoral dams,
 - 5,000 hectares of irrigated farmland and market gardens.
- **Modernize farming techniques** by promoting climate-smart practices.
- **Build farmer capacity through** training programs and improved access to quality agricultural services.

3. Job creation & Social inclusion

- **Generate 25,000 direct jobs** in agriculture and agro-industry.
- **Create 45,000 indirect jobs** across value chains (logistics, distribution, financial services, and marketing).
- **Support 1,000 young entrepreneurs through incubation** programs in agribusiness and agro-industry.
- **Improve access to financing and farmland for women and youth.**
- **Promote the establishment of Small and Medium Agricultural Enterprises (SMAEs)** and strengthen professional associations in priority sectors.

4. Market access & Financial inclusion

- **Rehabilitate 1,200 km of rural roads** to connect production areas to markets.
- **Launch a digital Agricultural Services Platform** to link value chain stakeholders and enhance market access.
- **Facilitate access to agricultural financing through:**
 - A Value Chain Development Fund,
 - An Agricultural Mechanization Development Fund



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5. Sustainability & Climate Resilience

- **Promote sustainable agriculture** by establishing 5,000 hectares of agroforestry orchards.
- **Expand access to agricultural insurance** to mitigate climate risks.
- **Encourage the adoption of alternative energy sources and green technologies.**

V. EXPECTED OUTCOMES:

The Agro-Industrial Hub Project in the North (2PAI-NORD) aims to drive economic and social transformation by creating jobs in agropastoral and agro-industrial value chains. The anticipated project outcomes are as follows:

1. Direct and Indirect Job Creation:

- **25,000 direct jobs** generated through agricultural and agro-industrial activities.
- **45,000 indirect jobs** across value chains (logistics, distribution, financial services) and market linkages.
- **Increased entrepreneurial opportunities** for youth and women in target sectors.

2. Youth Employment and Support:

- **1,000 young agripreneurs** incubated and mentored.
- **Establishment and scaling of at least 300 agricultural SMEs**, with 40% led by women and youth.
- **Improved access to financing** through dedicated mechanisms (*Value Chain Development Fund, Agricultural Mechanization Development Fund*).

3. Agro-Industrial Processing Employment:

- **Development of processing units** to expand skilled job opportunities (engineers, technicians, machine operators, etc.).
- **Creation of agro-industrial parks** to modernize and structure priority value chains.
- **Strengthened private sector** engagement through incentives and high-quality infrastructure.

4. Revitalization of Agricultural Sectors:

- **Increased productivity and processing rates**, driving higher labor demand.



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- **Enhanced local skills** through market-aligned training programs.
- **Secured land tenure and farmer support** to stabilize and professionalize rural employment.

1. Sustainable Socioeconomic Impact:

- **Higher household incomes** through stable, well-paying jobs and equitable value distribution.
- **Reduced unemployment and underemployment** in the northern regions.
- **Greater inclusion of women and youth** in new economic models.

The project is designed to **sustainably boost employment** by structuring agricultural value chains and expanding investment and entrepreneurship opportunities.

VI. KEY PERFORMANCE INDICATORS (KPIs)

The primary success indicators for the **Northern Agro-Industrial Hub Project (2PAI-NORD)** are as follows:

1. Economic & Financial Indicators

- **Cumulative private investment:** Target of **130 billion CFA francs (€200 million)** mobilized for agribusiness.
- **Economic return rate** for agribusiness investment opportunities: **Above 24%**.
- **Increase in raw material processing volume:** Target of **400,000 tons**, including:
 - Mango: **50,000 tons (≈30%)**
 - Shea: **45,000 tons (≈18%)**
 - Cashew apple: **200,000 tons (≈5%)**
 - Cottonseed: **50,000 tons (≈9%)**
 - Corn: **50,000 tons/year (≈8%)**
 - Peanuts: **10,000 tons (≈5%)**
 - Meat (beef, sheep, pork, poultry): **10,000 tons (≈15%)**

2. Production & Productivity Indicators

- **Enhanced water retention infrastructure:**
 - **6 hydro-agricultural dams** (5 rehabilitated, 1 newly built)
 - **10 rehabilitated pastoral dams**



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- Irrigated perimeters & market gardens developed: 5,000 hectares
- Improved agricultural yields (50–100% increase):
 - Irrigated rice: 4 → 8 tons/ha
 - Corn: 2 → 6 tons/ha

3. Social Indicators

- Job creation: 25,000 direct jobs & 45,000 indirect jobs
- Project beneficiaries:
 - 400,000 direct beneficiaries
 - 1.2 million indirect beneficiaries (51% women, 50% youth)
- Food security rate: Increase from 22% to 32%
- Incubated youth (graduates & non-graduates): 1,000 agri-entrepreneurs supported

4. Infrastructure & Market Access Indicators

- Rehabilitated rural roads: 1,200 km to improve access to production basins & markets
- Establishment of a high-performance agro-industrial hub, including five (5) Aggregation & Service Centers (CAS) for storage & processing
- Digital platform for agricultural services: Providing information & connecting stakeholders

5. Environmental & Climate Indicators

- Orchard rehabilitation/establishment: 5,000 hectares (mango, cashew, shea)
- Agricultural insurance coverage: 3,000 farmers insured against climate risks
- Strengthened social infrastructure: Improved village hydraulics, preschools, schools, & canteens
- Reduced fossil fuel dependency:
 - 10,000 improved cookstoves
 - Solar energy kits for vulnerable households

6. Governance & Monitoring-Evaluation Indicators

- Quarterly & annual progress reports
- Complaint management & impact tracking mechanism
- Mid-term review for strategic adjustments



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- **Final evaluation for accountability**

These KPIs will measure the project's tangible impact on **economic growth, agricultural production, social development, and environmental sustainability**.

VII. COMMITMENTS

The **Northern Agro-Industrial Hub Project (2PAI-NORD)** is founded on key strategic commitments to ensure its success and long-term impact. Below are the project's core pledges:

1. Economic & Industrial Commitments

- **Development of a structured agro-industrial hub, integrated with localized Aggregation Centers**, to maximize agricultural value chains.
- **Attraction of private investment**, targeting **130 billion CFA francs (€200 million)** in mobilized funds.
- Expansion of **local agro-industrial processing capacity** for key commodities.
- **Enhanced competitiveness of priority sectors** (mango, shea, cotton, cashew, maize, rice, vegetables, and peanuts).

2. Agricultural & Environmental Commitments

- **Rehabilitation of 6 hydro-agricultural dams and development of 5,000 hectares of irrigated farmland and market gardens** to bolster climate resilience.
- **Promotion of climate-smart agriculture**, including soil conservation techniques and sustainable irrigation systems.
- **Reduction of environmental footprint** through renewable energy integration and sustainable production methods.
- **Protection and restoration of 5,000 hectares of agroforestry orchards** (mango, cashew, and shea trees).

3. Social & Human Development Commitments

- Creation of **25,000 direct jobs** and **45,000 indirect jobs** to stimulate the local economy.
- **Incubation and training for 1,000 young agripreneurs** to foster self-employment.
- **Support for 300 agricultural SMEs**, with **40% dedicated to women and youth**.
- **Capacity-building for farmers and agro-industrial actors** through training programs and improved access to financing.



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4. Governance & Monitoring Commitments

- **Establishment of transparent governance structures**, including:
 - A **Steering Committee**,
 - A **Technical Committee**,
 - A **Regional Consultation Framework (CRC)**,
 - A **robust monitoring and evaluation mechanism**.
- **Implementation of a results-tracking system** with clear performance indicators.
- **Enforcement of environmental and social safeguards** (Environmental and Social Management Plan, Resettlement Action Plan) to mitigate project impacts.
- **Commitment to ensuring the project's long-term economic viability**.

5. Sustainable Development Commitments

- **Land tenure security and facilitated access to farmland** for producers.
- **Enhanced food security**, targeting an increase from **22% to 32%** in key metrics.
- **Improved access to financing** via agricultural credit and insurance schemes.
- **Promotion of agroecological practices and technological innovation** across value chains.

These commitments ensure the project meets local needs, strengthens agricultural and agro-industrial sectors, and drives **sustainable transformation** of the region.

VIII. IMPACTS ON BENEFICIARIES AND STAKEHOLDERS

The Agro-Industrial Hub Project in the North (2PAI-NORD) delivers significant impacts for both beneficiaries and involved stakeholders. Key effects include:

Impact on Beneficiaries

1. **Increased Farmer Incomes:** By improving market access, value-added redistribution, and productivity, the project enhances local producers' earnings.
2. **Job Creation:** It generates employment opportunities, particularly for youth and women, in agricultural and agro-industrial sectors.
3. **Strengthened Food Security:** By developing agricultural processing, the project reduces reliance on food imports.



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4. Access to Modern Infrastructure: Agro-processing zones (agro-parks), hydro-agricultural developments, and improved transport routes facilitate product movement and commercialization.

Impact on Stakeholders

- 1. Private Investors:** The project attracts investments in agro-industrial processing, boosting the local economy.
- 2. Farmers' Organizations & Cooperatives:** They benefit from training programs and improved access to inputs, agricultural services, and financing.
- 3. Local Communities:** The initiative enhances resilience to climatic, environmental, and economic challenges, improving living conditions.
- 4. Government Institutions:** It supports the objectives of the *National Development Plan (PND 2021–2025)* and agricultural development policies, including the **Second-Generation National Agricultural Investment Program (PNIA II 2018–2025)**.

IX. RESULTS MEASUREMENT FRAMEWORK

This framework is designed to monitor and evaluate the outcomes and impacts of the **Northern Agro-Industrial Hub Project (2PAI-NORD)** through a set of key performance indicators.

1. General objectives

- **Private sector & institutional support:** Encourage private investment and strengthen the capacities of institutions involved in agro-industrial development.
- **Value addition in agri-sylvo-pastoral & fisheries sectors:** Enhance the processing and commercialization of agricultural products to increase their added value.
- **Sustainable productivity growth:** Develop infrastructure and services to improve agro-pastoral and fisheries productivity.
- **Coordination & monitoring-evaluation:** Ensure effective project management and track its impact on beneficiaries and the local economy.

2. Specific objectives

- **Develop the agro-industrial sector** in Northern Côte d'Ivoire.
- **Strengthen agricultural and agro-pastoral productivity.**
- **Create jobs and improve rural household incomes.**
- **Reduce dependence on food imports.**



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- Increase local processing of agricultural products.
- Promote sustainability and climate resilience.

3. Results & Impact Indicators

Private investment mobilization	Cumulative private investment	Billion CFA	0	130	Signed agreements, project & CEPICI reports
Agricultural productivity	Number of enhanced water retention structures	Units	0	16	Activity reports & surveys
	Functional irrigated perimeters & market gardens developed	Hectares (ha)	0	5,000	Activity reports & surveys
Agro-industrial processing	Processing rate (rice, corn, mango, cashew, shea, cotton, peanuts, meat)	%	Mango: 3%, Shea: 32%, Cashew: <1%, Cotton: 15%, Corn: <2%, Peanuts: <1%, Meat: 15%	Mango: 30%, Shea: 50%, Cashew: 5%, Cotton: 25%, Corn: 10%, Peanuts: 5%, Meat: 30%	Activity reports & surveys
Food security & household income	Food & nutrition security rate (targeted households)	%	22%	32%	Baseline & final evaluation surveys
Employment & empowerment	Jobs created (direct & indirect)	Number	0	Direct: 25,000, Indirect: 45,000	Activity reports & surveys
	Agri-SMEs established/strengthened (40% women/youth)	Number	0	300	CI-PME & project reports
	Incubated youth (graduates & non-graduates)	Number	0	1,000	Incubator & project reports
Rural infrastructure improvement	Rehabilitated rural roads	Kilometers (km)	0	1,200	AGEROUTE & project reports
Sustainability & resilience	(i) Number of funded actors, (ii) Funding allocated	(i) Number, (ii) Billion CFA	(i) 0, (ii) 0	(i) x, (ii) 4.5	Activity reports & surveys
	Rehabilitated/new orchards (mango, cashew, shea)	Hectares (ha)	0	5,000	SODEFOR & project reports
	Farmers covered by agricultural/climate insurance	Number	0	3,000	Activity reports & surveys
	Improved cookstoves	Number	0	3,000	Activity reports & surveys



4. Monitoring & Evaluation Mechanism

- **Reporting frequency:**
 - Quarterly reports for activity indicators.
 - Annual reports for economic & social performance.
 - Annual environmental & social audit to ensure compliance.
 - Mid-term evaluation for strategic adjustments.
 - Final evaluation to measure long-term impact.
- **Monitoring tools:**
 - Digital platform for project results data management.
 - Data collection & analysis system (via local partners & institutions).
 - Grievance redress mechanism to ensure project inclusivity.

Conclusion

This **Results Measurement Framework** ensures rigorous, transparent tracking of project progress and enables adaptive strategies to maximize **economic, social, and environmental impact**.

X. IMPLEMENTATION STRATEGY

The implementation of the **Northern Agro-Industrial Hub Project (2PAI-NORD)** is based on an **integrated, sequential, and participatory approach**, engaging public, private, and local stakeholders. The key **strategic phases** to ensure the project's success are as follows:

1. Governance & Project Steering

- **Establishment of a Project Coordination Team (PCT)** to oversee execution.
- **Formation of a Steering Committee, Technical Committee, and Regional Consultation Framework (CRC)**, involving ministries, technical partners, private sector actors, professional organizations, and local authorities.
- **Implementation of a monitoring and evaluation (M&E) mechanism** with clear performance indicators.

2. Funding Mobilization & Partnerships

- **Activation of loans and financing** from key institutions (AfDB, BIDC, OPEC Fund).
- **Private investor engagement** through fiscal and infrastructural incentives.



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- **Partnerships with financial institutions** to facilitate access to agricultural credit and mechanization financing.

3. Agro-Industrial Infrastructure Development

- **Operationalization of the Sinématiali Agro-Industrial Hub** (roads, energy, utilities, social infrastructure, and security).
- **Construction of 5 Aggregation and Service Centers (CAS)** for storage, secondary packaging, primary processing, and distribution of agricultural products.
- **Rehabilitation of 6 hydro-agricultural dams, upgrading of 10 agro-pastoral dams, and development of 5,000 hectares of irrigated farmland and market gardens.**
- **Improvement of 1,200 km of rural roads** to enhance connectivity between production basins and markets.

4. Industrialization & Value Chain Development

- **Strengthening of agro-industrial value chains** (rice, maize, peanuts, vegetables, livestock & fisheries, cashew, cottonseed, mango, and shea).
- **Deployment of processing and packaging platforms** to enhance value addition.
- **Promotion of agro-technological innovation** (machinery, digitalization, sustainable practices).

5. Capacity Building & Professional Integration

- **Incubation of 1,000 young agripreneurs and support for 300 Small and Medium Agricultural Enterprises (SMAEs).**
- **Strengthening of cooperatives and professional associations** to streamline value chains.
- **Launch of a digital monitoring and support platform** for producers.

6. Social & Environmental Integration

- **Land tenure security** and improved financing access for smallholder farmers.
- **Enforcement of Environmental and Social Management Plans (ESMPs)** to minimize ecological impact.
- **Promotion of renewable energy and climate-smart solutions** (agroforestry, improved cookstoves).

7. Monitoring, Evaluation & Sustainability

- **Implementation of risk management mechanisms** (security, land governance).



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- **Mid-term review and adaptive strategies** to optimize project effectiveness.
- **Knowledge capitalization and best practice dissemination** to enable replication in other regions.

Conclusion

This strategy adopts a **phased and coordinated approach**, with each stage optimized to ensure the project's **economic, social, and environmental sustainability**. By aligning stakeholder efforts, leveraging innovative solutions, and maintaining rigorous oversight, 2PAI-NORD will drive transformative growth in northern Côte d'Ivoire.

XI. KEY CHALLENGES

The Northern Agro-Industrial Hub Project (2PAI-NORD) faces several challenges that may impact its implementation and success. The main challenges are as follows:

1. **Environmental and Climate Risks:** The target regions are vulnerable to climate change effects, particularly rainfall variability and soil degradation, which may compromise agricultural productivity.
2. **Access to Financing and Private Investment:** While the project aims to attract private investment for agricultural processing, securing such funding remains a significant challenge.
3. **Infrastructure and Logistics:** Developing critical infrastructure (processing zones, energy and water access, irrigation systems, and transport routes) is vital for project success. Delays or difficulties in implementation could hinder the agro-industrial hub's development.
4. **Local Community Resilience:** Rural populations require support to build their capacity and adapt to new agricultural and industrial practices. Awareness-raising and training programs are therefore crucial.
5. **Regional Security and Stability:** The project's proximity to the borders of Mali and Burkina Faso exposes it to risks associated with regional instability, which could disrupt economic and agricultural activities.

Despite these challenges, the project remains a strategic initiative for agricultural and industrial development in northern Côte d'Ivoire.



XII. OPERATIONAL PLAN

The **operational plan** for implementing the **Northern Agro-Industrial Hub Project (2PAI-NORD)** is structured into the following phased programming:

1. Preparation Phase (0–3 Years)

- **Project governance setup:**
 - Establishment of the Project Coordination Team (PCT).
 - Formation of steering bodies (Steering Committee, Technical Committee, Regional Consultation Framework).
- **Technical & environmental studies:** Finalization of updated feasibility studies and Environmental & Social Management Plans (ESMPs).
- **Funding mobilization:** Activation of loans and national co-financing mechanisms.
- **Stakeholder engagement:** Launch of communication campaigns and awareness programs.

2. Infrastructure & Facility Development (6–36 Months)

A. Site Development & Industrial Hub Establishment

- **Sinématiali Agro-Industrial Hub:** Development of a **100-hectare** zone.
- **Five (5) Aggregation & Service Centers (CAS):**
 - **Katiola** (50 ha), **Boundiali** (25 ha), **Ferkessédougou** (25 ha), **Korhogo** (25 ha), **Dabakala** (25 ha).
- **Construction** of storage and processing facilities.

B. Agricultural Production Infrastructure

- **Water infrastructure:**
 - Rehabilitation of **6 hydro-agricultural dams**.
 - Development of **5,000 ha** of irrigated perimeters and market gardens.
- **Agro-pastoral enhancements:** Rehabilitation of **10 micro-dams** with livestock watering points and fishponds.
- **Orchard rehabilitation:** **Mango, cashew, and shea** orchards, with pest control systems.



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C. Logistics & Market Access

- **Rural roads:** Rehabilitation of **1,200 km**.
- **Livestock markets and storage warehouses.**

3. Capacity Building & Actor Support (6–60 Months)

- **Entrepreneurship:** Incubation and training for **1,000 youth agri-entrepreneurs**.
- **Value-chain strengthening:** Support for professional associations in priority sectors (**rice, corn, peanuts, vegetables, livestock/fisheries, cashew, cotton, mango, shea**).
- **Financial services:** **Value Chain Development Fund**, agricultural mechanization, and crop insurance.
- **Digital platform:** Deployment of an agricultural services platform for stakeholder networking and agro-industrial monitoring.

4. Monitoring, Evaluation & Project Management (Full Project Duration)

- **Performance tracking:** Implementation of a **results-based M&E framework**.
- **Compliance:** Annual **environmental and social audits** to ensure sustainability.
- **Reporting:** Quarterly/annual progress reports.
- **Accountability:** Grievance redress mechanism and citizen participation.

Conclusion

This operational plan ensures **structured, equitable, and sustainable project execution**, aligning infrastructure, capacity, and governance for transformative impact.

