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CIP2030 STRATEGY

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CIP2030 Strategy

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Board Chair Foreword

CIP's mission is to lead transformative changes in agriculture and food systems. The CIP2030 Strategy is a bold roadmap designed to harness the power of science, innovation, and equitable partnerships to create sustainable and resilient food systems. We are guided by a vision that aligns with the overarching goals of the CGIAR, the United Nations, FAO, and the Sustainable Development Goals.

The CIP2030 Strategy is a forward-thinking plan that anticipates the future needs of our global community. Focusing on the specific Science Goals explained by Dr. Heck, CIP's director general, and detailed in our strategy, we address the critical areas that will shape the future of food security. Our approach is rooted in a deep understanding of global drivers and trends, ensuring our work remains relevant and impactful. The integration of socio-economic factors and the embrace of technological advancements are central to our strategy, allowing us to deliver innovative solutions that are both practical and scalable.

Our commitment to the CIP2030 Strategy reflects a broader responsibility to align our efforts with the global agenda for sustainable development. As Board Chair, I can confirm that the CIP Board is dedicated to ensuring that our initiatives resonate with the goals of CGIAR and other international bodies. We are poised to significantly contribute to food security, nutrition, biodiversity, and poverty reduction on a global scale. Together with our partners across Africa, Asia, and Latin America, we will co-create and co-own solutions that benefit all. I invite you to join us in this ambitious journey towards a future where root and tuber crops are pivotal in sustaining our planet and nourishing its people.

Helen Hambly
Board Chair
International Potato Center

DG Foreword

In a world in transition, the International Potato Center (CIP) embarks on a new journey with its CIP2030 Strategy. Agriculture and food systems around the world are facing unprecedented challenges and are failing to deliver for people and planet. The urgency of a fundamental shift towards more sustainable, fairer and efficient systems is evident, and demand for positive change is gaining ground in public policy, markets, and society at large.

This is also a time of opportunity. It is a great time for CIP, and for science and innovation more broadly, to step forward and help develop solutions that are sustainable, inclusive, and impactful. We have new and improved science tools and technologies at our disposal that can accelerate and amplify our efforts, and we will make full use of these advances. It is equally important that we connect to socio-economic drivers and champions of change, if we want to achieve positive impact.

CIP2030 provides a roadmap for this journey. It began with our partners and constituencies in Africa, Asia, and Latin America, who insisted that we refocus our efforts on fewer priority science goals and define and deliver our agenda through more equitable partnerships. This has shaped how we developed and will implement this Strategy.

CIP2030 is based on analyses of global drivers that impact agriculture and food systems and their likely future implications. Climate change, biodiversity loss, urbanization, economic and social inequality, but also technological, scientific and social progress have been key considerations when crafting the CIP2030 framework. We also questioned the practice of science itself – seeking ways to strengthen accountability and enabling genuine co-creation and co-ownership by our constituencies in the Global South.

Through this strategy, CIP aims to be a global leader in root and tuber crops science and innovation. Forecasts paint a clear picture: The world will increasingly rely on root and tuber crops for future food security and agricultural growth. We prepare for this future through four Science Goals: Biodiversity, Crop Improvement, Regenerative Agriculture, and Urban Food Systems. Our Innovation Pathways connect our science to demand and delivery partners and help us define and evolve CIP's role so that we will deliver value-for-money for our constituencies and funders.

CIP2030 will be implemented within the framework of the CGIAR Integrated Partnership. We will leverage the complementary strengths of our fellow CGIAR Centers to maximize the contributions of root and tuber crops to our common science objectives and impact goals. Together with our national and international partners, CIP and CGIAR align our efforts behind the Sustainable Development Goals on food security, nutrition, biodiversity, and poverty reduction.

I am honored and excited to lead CIP on its 2030 journey, and I invite you to join us. CIP2030 is designed to keep evolving through evidence-based learning and creativity by all our partners. We will need your enthusiasm, capabilities, and commitment to grow and share the benefits of root and tuber crops with the world.

Simon Heck
Director General
International Potato Center

Contents

Executive Summary

In a fast-evolving global landscape, CIP2030 is a living, adaptive strategy —our plan for engaging with the present and future challenges facing the world's agrifood systems. We have listened to our stakeholders and constituencies around the world. We have analyzed external signals and shifts that foreshadow the likely future of agrifood systems; and have evaluated CIP's internal strengths and weaknesses for adapting to this future. CIP2030 is taking a foresighted approach to set CIP on a path for continuous, critical engagement with global issues and for strengthening our resilience.

Achievements from over fifty years of CIP research in potato, sweetpotato and Andean root and tuber crops provide a strong foundation of science capabilities, partnerships, technologies and evidence. Together with our partners we have improved the lives of millions of people in Africa, Asia and Latin America, and together we will adapt and innovate to take on the even greater challenges and opportunities that lie ahead.

Root and Tuber Crops are central pillars of future food security in the Global South. As a result of climate change and socio-economic development, their importance will only increase in the decades ahead. CIP and other science and innovation partners have a key responsibility to ensure that root and tuber crops can step up and make much greater contributions.

Advanced science tools and innovation capacities are at our disposal to accelerate genetic gain and support sustainable and equitable growth of agrifood systems. The only major food crops not included in 'Green Revolution' investments of the past, root and tuber crops can now utilize these science

advancements. CIP will work with our current and new partners to bring about a 'Second Revolution' that accelerates progress across potato, sweetpotato, cassava, yam, Andean Roots and Tubers, and many other root and tuber crops that are important in different regions of the world.

Science Goals:

At the heart of the Strategy, the four Science Goals set the course for our mission. *Biodiversity* stands as a custodian of root and tuber crop genetic diversity and as an enabler of its broader and more equitable use around the world. *Crop Improvement* steers the breeding of improved varieties towards regional priorities of climate resilience, nutrition and consumer demand in expanding and diversifying markets in the Global South. *Regenerative Agriculture* enhances both farm productivity and ecosystem health through innovative root and tuber crop production within diverse agricultural systems. *Urban Food Systems* addresses key risks and opportunities for agriculture from a rapidly urbanizing food system. Each goal, a targeted and measurable research response to a specific challenge and opportunity.

Innovation Pathways:

Science for impact requires an Innovation approach that starts with defining 'the job to be done'. For CIP this means listening to our constituencies – farmers, consumers, private agrifood enterprises, NARS, and public sector and social sector agencies. We engage these partners to turn science into impactful action, and do so fast and at scale through: *Science and Innovation Hubs* managed by universities and private sector; *Policy Dialogue* with public sector bodies and private industry; *Capacity Sharing* through training and technology extension; and agencies at the *Humanitarian-Development Nexus* delivering for vulnerable populations.

Enabling CIP for Impact:

To power these science goals, we invest in four strategic enablers. *Equitable Partnerships* ground CIP's work in the priorities of our constituencies in the Global South creating shared ownership of research agendas and outcomes and fair and transparent implementation modalities. *Digital and Data Leap* accelerates and amplifies CIP's progress and that of our partners, embracing AI and analytics for a digital transformation of our research and operations. *Investing in People* recognizes the workforce as the catalyst for agility and excellence and fosters a culture of growth and trust across all organizational layers. *Value for Money* introduces a unified metrics of Science and Operational Excellence that connects measures on return on investment with equity, inclusion and capacity-sharing goals.

CGIAR Integrated Partnership:

CIP2030 strengthens the CGIAR Integrated Partnership, aligning CIP's strategic goals to the Integrated Framework Agreement and defining our impacts as contributions to the five CGIAR Impact Areas. This Strategy focuses our contributions to the CGIAR Research Portfolio, prioritizes operational areas for coordination and integration, and guides our collaborative ventures with other CGIAR Centers. Through our regional hubs in Africa, Asia Pacific, and Latin America, we promote and facilitate joint country-level partnerships and operations across the CGIAR. CIP2030 is not just about strengthening CIP; as we do so, we will foster a stronger CGIAR Integrated Partnership to amplify our collective impact.

CIP Vision

Root and tuber crops driving sustainable agrifood system transformation in the Global South.

CIP Mission

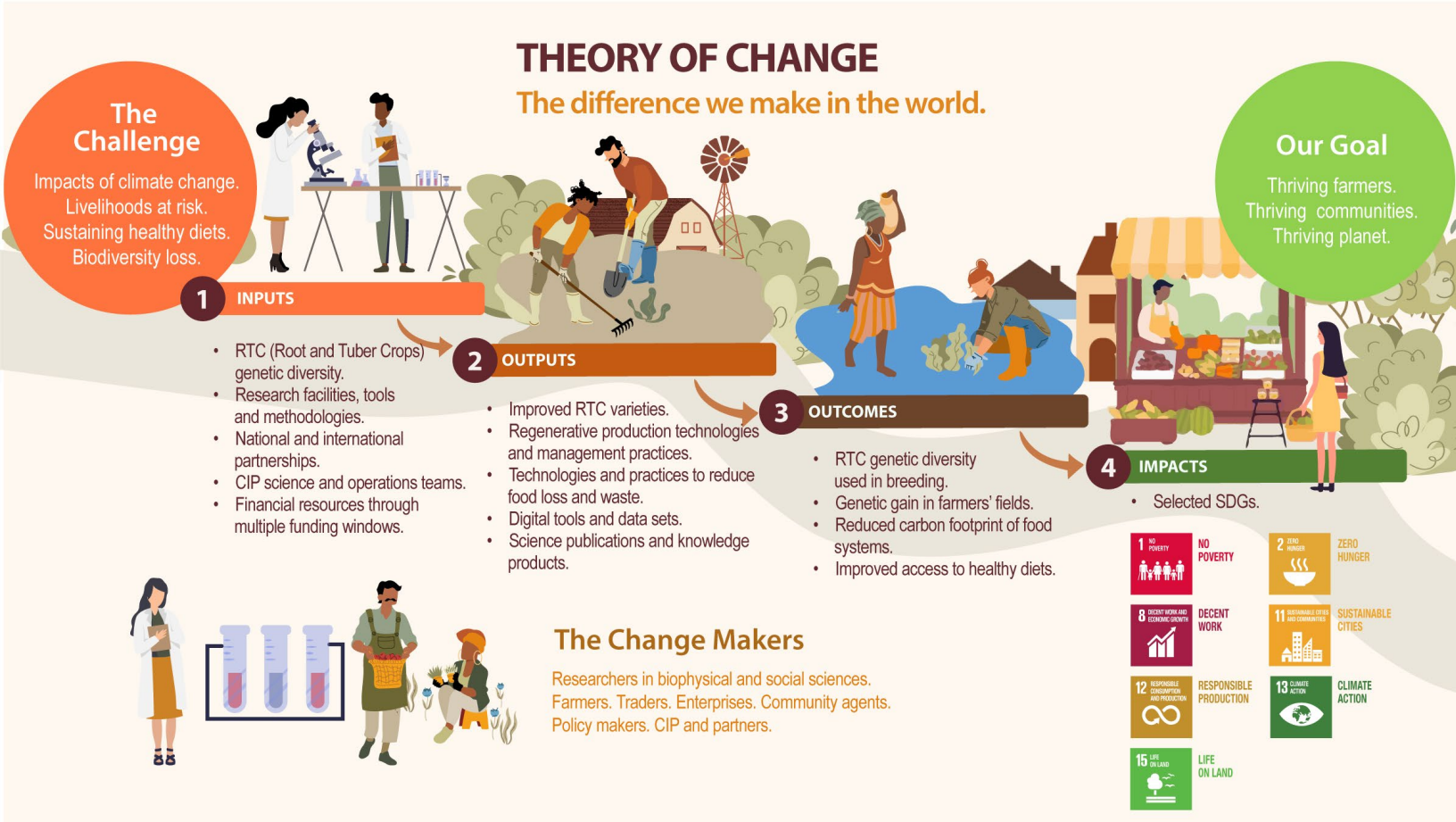
To increase and share the benefits of root and tuber crops and their agrifood systems through equitable partnerships and science-based innovations to address the climate, nutrition, and poverty challenges of the future.

CIP's Value Proposition

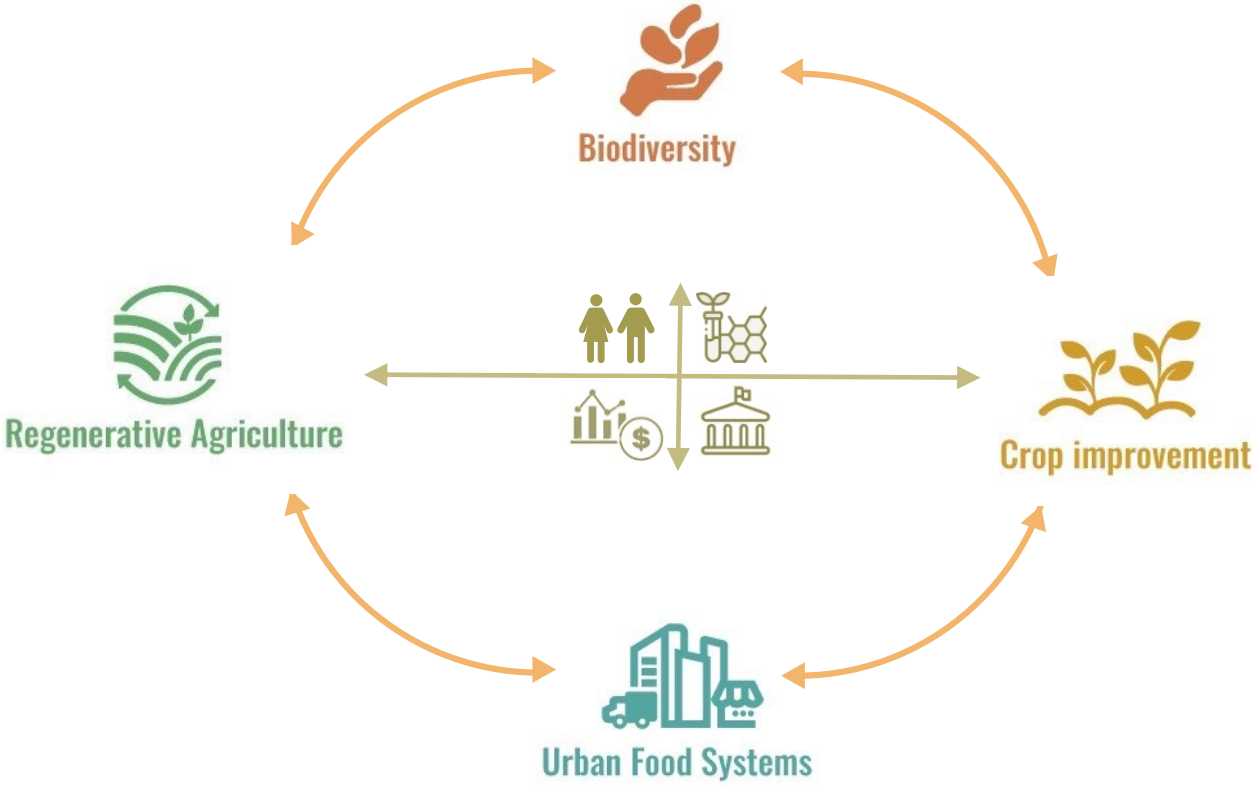
Over the next generation, the world's agriculture and food systems will need to undergo a fundamental shift toward greater sustainability. In the context of climate change, declining land and water resources, and rapid urbanization, agricultural science and innovation will need to mobilize nature's diversity and human creativity across all regions and sectors of society in support of this shift.

Root and tuber crops (RTC), including potato, sweetpotato and many other regionally important food crops, offer tremendous untapped contributions to this effort. CIP is building partnerships across the Global South and with international partners to drive science-based innovation through research, capacity sharing, and policy dialogue. Mobilizing the rich, climate-resilient, and nutritious genetic diversity of root and tuber crops through advanced breeding approaches and regenerative production systems will greatly enhance global food and nutrition security within planetary boundaries. Improving production strategies and post-harvest management, given expanding urban markets, will increase farmer incomes and create economic opportunities for youth and women while reducing food loss and waste from root and tuber crops and mitigating the carbon footprint of urbanizing food systems.

Theory of Change



CIP Science Goals



To achieve its Mission, CIP is pursuing four interconnected Science Goals that provide a systems-based research framework and basic organizational structure for our science teams and partnerships. While each Science Goal addresses distinct, global and regionally recognized research priorities, the four Goals are closely connected through people, technologies, ecologies, markets, and policies. Expanding on CIP's strong history of inter-disciplinary research, we bring together biophysical and social sciences and innovation research to pursue these Goals and engage with their connecting drivers. Each Goal works towards specific objectives, key results, and annual targets. These are being developed through a dialogue between our regional and global teams to ensure they respond to the demand of our regional and global constituencies and are achievable within our projected resource base. We will closely align our participation in joint CGIAR Research Programs and our bilateral project portfolio to these Goals for an integrated, well-resourced science and innovation agenda that is accountable to our constituencies and contributes transparently and effectively to the CGIAR impact goals and SDGs.

Biodiversity

Science Goal 1 | **Biodiversity**

Mobilizing root and tuber crop genetic diversity to enrich agroecologies and livelihoods

Conservation and utilization of crop genetic diversity are key strategies for safeguarding future food security. CIP is further stepping up our commitment to conserving biodiversity and mobilizing genetic resources worldwide, building on our strong history in Latin America. Recognizing the vital role of biodiversity in sustaining ecosystems, we champion its integration into agricultural innovations for a more resilient and diverse food system.

CIP's Genebank, hosted and managed on behalf of the international community, is the global leader in collecting, characterizing, and preserving genetic diversity of potato, sweetpotato and Andean root and tubers, including landraces and local varieties. We contribute strategically to establishing robust regional networks of genebanks and strengthening their technical capacities. This includes cryopreservation of roots, tubers, and other clonally propagated crops important to our partner countries, building on our strong success in cryopreservation of potato, sweetpotato and Andean root and tubers in Latin America.

CIP has been globally recognized for our integrated in situ – ex situ conservation approach in the Andean region, working closely and equitably with local communities as 'guardians of potato genetic diversity' in centers of origin of potato. Increasingly, we are expanding this partnership by connecting to global benefit sharing mechanisms that are designed to share back financial benefits to communities for the use of crop genetic diversity. We will further adapt this integrated in situ – ex situ model to other regions and other root and tuber crops; and we will strengthen the connectivity of local communities as science and conservation partners using innovative data and communication tools.

KEY RESULTS

Effective conservation of Root and Tuber Crop genetic diversity into perpetuity in Genebanks and *in-situ.*

Increased use of Root and Tuber Crop genetic material in breeding and research in public and private sector.

Global and regional networks of Genebanks conserve and exchange Root and Tuber Crop genetic diversity.

CIP's biodiversity goal extends beyond conservation; we aim to catalyze increased utilization of crop genetic diversity in breeding and research in the public and private sector around the world. Already, partners from close to 100 countries receive genetic material from the CIP Genebank. Demand is growing as potato and sweetpotato production is facing new challenges from climate change, production zones are expanding into new locations, and new market opportunities call for new quality traits. We will therefore closely link our genetic resources conservation work with our crop improvement research and our breeding networks and private sector partnerships. This will guide our investment in further improving Genebank operations and in data systems for tracking use of genetic material shared through regional and global networks. Our long-term vision is that genetic resources of root and tuber crops are universally available to public and private sector breeders and researchers through strong regional networks of Genebanks that are anchored in equitable partnerships globally and with local communities. CIP aspires to become the global convener and science partner driving this transformation of root and tuber crop genetic diversity conservation and use.

Crop improvement

Science Goal 2 | **Crop Improvement**

Developing and delivering superior root and tuber crop varieties that meet changing farmer and consumer demands.

Developing improved varieties of potato and sweetpotato continues to be a central pillar of CIP's science and innovation agenda. We pursue this goal with a more explicit focus on replacing older, poorly performing varieties in specific market segments, thus enabling farmers to capture new opportunities while strengthening their resilience against the impacts of climate change and other biotic and abiotic stresses. Among the key breeding objectives are increased and stable yield, drought and heat tolerance, resistance to late blight and other pests and diseases, salt tolerance, as well as biofortification and quality traits to meet the demand from increasingly diversified, urbanized markets.

We will continue to improve conventional breeding methodologies for potato and sweetpotato, and apply these through our partners to other root and tuber crops. At the same time, in partnership with private sector companies, we will increase our investment in new breeding approaches, starting with hybrid breeding of diploid potato and subsequently sweetpotato. This technology will enable a step-change in accelerating breeding outcomes and making available improved varieties that meet farmers' specific needs and priorities.

Biofortification of sweetpotato for vitamin A, a major achievement over the past years, is now mainstreamed in national breeding programs and has generated important lessons for other crops. Iron biofortification of potato is on a similar trajectory and will be a focus for the next years, with the long-term objective of biofortification for multiple vitamins and minerals in the same varieties. We work with national partners to include biofortified potato and sweetpotato varieties in product profiles prioritized for accelerated genetic gain, and we collaborate with our partners to accelerate biofortification in other root and tuber crops.

KEY RESULTS

CGIAR-NARS networks adopt modern breeding approaches to deliver higher genetic gains.

Effective RTC seed systems improve access to high quality seed of improved varieties.

Farmers across diverse market segments adopt new RTC varieties.

Genetic gain needs to be achieved in farmers' fields. We therefore closely link our seed system research to our breeding program, ensuring that improved varieties are prioritized within seed system innovations and that lessons from seed multiplication and marketing inform breeding objectives. This is particularly important for clonally propagated root and tuber crops whose seed systems have more complex technical requirements and are often less commercialized than other staple crops. We will expand our engagement with the fast-evolving potato seed sector in the Global South and transfer lessons to other root and tuber crops through our partners.

As we drive the modernization of breeding of potato, sweetpotato, and other root and tuber crops, it is essential that we do so jointly with the national breeding programs in Africa, Asia Pacific, and Latin America. Our measure of success is that new breeding approaches are being applied by national programs who will broaden their regional and international collaborations with public and private sector partners. CIP has been recognized as an effective convener and enabling science partner of regional breeding networks, and we aspire to become the global leader facilitating and guiding South-South and triangular collaboration for improving root and tuber crops.

Regenerative Agriculture

Science Goal 3 | **Regenerative Agriculture**

Enhancing farm productivity and ecosystem health with root and tuber crops for sustainable and equitable growth.

Agriculture contributes to almost 30 percent of greenhouse gas emissions, and agricultural lands have been widely degraded due to overuse of water resources and chemical inputs while food production needs to keep up with a growing population in an increasingly volatile climate. root and tuber crops, due to their climate resilience and resource use efficiency, offer tremendous untapped contributions to confront these challenges when combined with regenerative agricultural practices. We will develop technologies and decision support tools for the effective utilization of root and tuber crops that reduce input requirements while improving soil and environmental health. We will thereby advance sustainable increases in agricultural system productivity and reduce the overall carbon footprint of food production.

Building on our globally recognized research and partnerships in plant health and agronomy of potato and sweetpotato production, we are refocusing our research agenda on impactful regional priorities while updating our global science tools to deliver effective scientific and technical support. Our research responds to the opportunities and challenges from the expansion of root and tuber crop production within mixed farming systems as well as from intensification of specialized production systems. The increasing cultivation of potato and sweetpotato as rotation crops in cereal-based systems, such as in rice systems in Asia and maize systems in Africa, provides multiple benefits to farmers and their environment. CIP's research further optimizes the performance of these mixed systems through better agronomic practices, pest and disease management, and application of new soil management technologies.

KEY RESULTS

Farmers use root and tuber crop technologies and practices to enhance plant, soil and environmental health.

Cropping systems are diversified with root and tuber crops, increasing farm productivity and resilience.

Agricultural carbon footprint and greenhouse gas emissions are reduced through innovative root and tuber crop production.

The integration of potato and sweetpotato, and potentially of other root and tuber crops, significantly improves resource use efficiency, soil health, and ecosystem health at farm and farming system level, resulting in increased productivity and farm incomes. Likewise, in more intensified potato and sweetpotato systems, improvements to cultivation practices through plant health and soil and water management, and supported by mechanization, will generate sustainable productivity gains. Together with improved, locally adapted varieties, regenerative production systems of potato and sweetpotato will deliver sustained increases in food production, both macro- and micronutrients, from existing agricultural land and water resources.

Our research will continue to focus on improving the production of potato and sweetpotato (and Andean root and tubers), albeit with a much stronger consideration of their placement within cropping systems, soil and water systems, and biodiversity. Through our national and international partners, we will also participate in research on the production of other root and tuber crops, using the same regenerative agriculture approach. We will pursue this systems approach through CGIAR science teams and programs that draw on a wide range of expertise, technologies, and partnerships in crop, soil, water, livestock, and biodiversity research.

Science Goal 4 | **Urban Food Systems**

Mobilizing root and tuber crop innovations for healthier urban diets and livable cities.

Since the rise of the first cities over 8,000 years ago, urbanization and agricultural development have co-evolved, driving socio-economic change and agricultural innovation. By 2050, over two-thirds of the global population will live in cities, the majority in low- and middle-income countries, and will consume 80 percent of agricultural production. Urbanization is thus a main driver of agrifood system transformation - both in the expanding urban spaces as well as in rural production zones through economic, social, and environmental impacts. Science and innovation will be instrumental for guiding this transformation towards sustainable and equitable results under increasingly constrained planetary conditions.

Contrary to earlier predictions, root and tuber crops continue to be main staple foods of urban populations, specifically among the majority of low-income consumers. While this generates numerous food security, nutrition, and economic benefits, it also raises technical and environmental challenges. Root and tuber crops, like fruits and vegetables, are more perishable and generate more waste and by-products than other staple crops. Food loss and food waste are high-priority global concerns that manifest themselves acutely, and in combination of food insecurity and malnutrition, in the growing cities in the Global South and require 'whole food system' solutions from crop breeding to production, marketing, and consumption.

Building on CIP's urban agriculture and market research in Latin America, Africa and Asia, we will expand our research strategy to address the urgent demands for science-based innovation in complex urban food systems and along rural-urban value chains. We will do so through new partnerships with urban research centers and local universities to integrate agrifood and urban science approaches that mobilize urban entrepreneurship and innovation capacities in a data-rich environment.

Key areas of research under this Science Goal include improving access to improved production technologies such as quality seedlings for small-scale urban food producers; technology and management adaptations for food safety, storage, and retailing in low-income market segments; social science research to improve business and employment options in the agrifood sector for urban youth and women; and analyses to support the inclusion of the agrifood sector into urban planning.

KEY RESULTS

- Reduced food loss and waste from RTC's.
- Improved food safety in informal urban markets.
- Improved employment opportunities for women and youth in RTC market chains.
- City governments integrate agrifood into urban policies and investment plans.

CIP can build on strong partnerships and active research collaborations in cities in Africa, Asia Pacific, and Latin America that include formal agreements for developing and implementing Urban Food Systems Strategies. This Science Goal will further leverage the increasing attention to urban food systems across the CGIAR, integrating the contributions from other CGIAR Centers in areas of policy research, animal-source foods, and circular bioeconomy.

Innovation Pathways to Impact

CIP2030 situates our science within a wider innovation framework that links demand to implementation and impact. We are working along four Innovation Pathways, each connecting us to key constituencies and partners with complementary capacities for articulating demand for CIP's work, co-implementing research, and delivering research products and sharing capacities at large scale. We structure our engagement in these Pathways carefully, defining CIP's role with our comparative advantage in science in mind, and aiming to strengthen capacities of national and regional institutions and networks to take forward root and tuber crop innovations. The four Innovation Pathways are:

1. **Science and Innovation Hubs**. Connecting private companies and public research and education institutions has been a successful growth model in food and agriculture with a focus on high-value commodities and advanced production and processing technologies. CIP will partner with universities, private companies, and government services in existing Science and Innovation Hubs to adapt this approach to small and medium enterprises and start-up companies with a programmatic focus on the CIP2030 Science Goals, CGIAR impact goals, and SDGs. We will utilize available market intelligence and training capacities and create cross-sectoral synergies between CIP research teams, other research partners, and entrepreneurs in the wider agrifood sector.

2. **Capacity Sharing**. Sharing capacity and strengthening capabilities across the Global South is a core mandate of CIP and CGIAR. In a more fluid, multi-polar world, conventional, supply-driven extension and technology and knowledge transfer approaches are no longer effective. CIP will engage and network a range of partners to co-develop capacity sharing strategies and deliver through pluralistic services including government and private sector. CIP's role in these partnerships will vary. In relation to local stakeholders, we will largely be focused on providing technical content for training programs and evaluating the value-for-money of different capacity sharing models. We will also emphasize advanced technical training for national partners through South-South exchange, student attachments and post-doctoral fellowship schemes with universities.

3. **Policy Dialogue.** Informing public policy with solid science-based evidence is a main pathway to large scale impact of CIP and CGIAR research. CIP will continue to invest in co-convening and contributing to agricultural and food policy forums and national strategy processes. These include commodity-specific initiatives like National Potato Strategies as well as broader cross-sectoral seed policies, nutrition action plans, urban food system strategies, and national climate change commitments. Secondly, we use our growing partnerships with the commercial sector to also inform private sector policy for positive environmental and social outcomes. CIP works closely through national and regional policy research partners to strengthen agricultural policy accountability and empower diverse perspectives with science-based evidence and recommendations.

4. **Humanitarian-Development Nexus.** We are partnering with largely humanitarian agencies working at the humanitarian-development nexus such as the World Food Programme and large International NGOs to deliver the benefit of root and tuber crops to highly vulnerable populations. We connect the needs and demands of our humanitarian-development partners to our research capacities, technologies, and expertise, as well as to local producers, seed multipliers, traders, and other stakeholders in the root and tuber crops sector. In this collaboration, we emphasize complementarity of institutional capacities and synergies between innovations in technology development and delivery

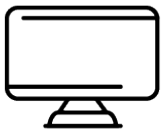
models. CIP's role is focused on technology innovation, system-level analyses, and advanced technical capacity strengthening to help build resilience in fragile agrifood systems.

Through our Science Goals and Innovation Pathways, CIP will mobilize root and tuber crops to make significant contributions to regional and global priorities linked to the Sustainable Development Goals. Several high-impact contributions stand out:

	Biodiversity	Crop improvement	Regenerative Agriculture	Urban Food Systems
Selected high-impact contributions	• Cryopreservation of the world's root and tuber crops • Community conservation of agrobiodiversity	• Climate resilient potato and sweetpotato varieties • Biofortified potato to fight iron-deficiency anemia	• Reducing carbon emissions with root and tuber crops • Soil enhancing, water efficient, low agrochemical food production	• Reducing food loss and waste in nutritious crops • Job creation for urban youth in the agrifood sector
SDGs	2, 15	2, 3	13, 15	12, 8, 11

Enablers | Making CIP fit for purpose

Achieving our CIP2030 ambition requires strengthening key capabilities at CIP – to make CIP fit for purpose. This involves both internal capacities, infrastructure and management, as well as improving our partnership models and strengthening our external effectiveness. These measures span both science and operations areas, forging closer integration to improve operations support for a science-led strategy. As we roll out the Strategy, we will initially focus investments on four enabling actions:



Digital and Data Leap. To strengthen both our operational efficiency and knowledge management, and to enable the delivery of our Science Goals, CIP will invest in a fundamental upgrade of our data systems and ability to utilize digital and data innovations. Navigating big data, generative artificial intelligence, and transformative technologies, we ensure our work is not just data-informed but data-driven. Emphasizing responsible, ethical, and equitable technology use, we generate AI-ready data, science, and research products. This investment aligns with CGIAR's digital transformation and leverages capacities, tools and partnerships across the CGIAR to accelerate progress.

Investing in People. CIP thrives on its people and the diverse talents and perspectives they bring to their work in science and operations. To further strengthen their positive impact, we are investing in leadership development at all levels of the organization. Aligning roles, responsibilities, work plans, and team structures to the new Strategy will increase coherence and help prioritize areas for professional development and team strengthening. We will place greater emphasis on attracting young and diverse talent through partnerships with universities and other science-based institutions and establish a post-doctoral fellowship scheme to build a strong pool of experts in root and tuber crop science and innovation.

Value-for-Money. To monitor our progress, give a full account of our resource allocation, and inform adjustments to the Strategy in future, it is essential that we establish an integrated Monitoring, Evaluation and Learning framework including science and operations indicators. We have adopted a 'Value-for-Money' framework that guides us to utilize our resources well. It comprises of five principles: economy (keeping down costs), efficiency (maximizing outputs), effectiveness (achieving best outcomes), equity (distributing benefits fairly), and overall cost-effectiveness (ultimate impact of investment). By applying this framework consistently, we will improve our program design and deliver greater value-for-money to our constituencies and funders over time.

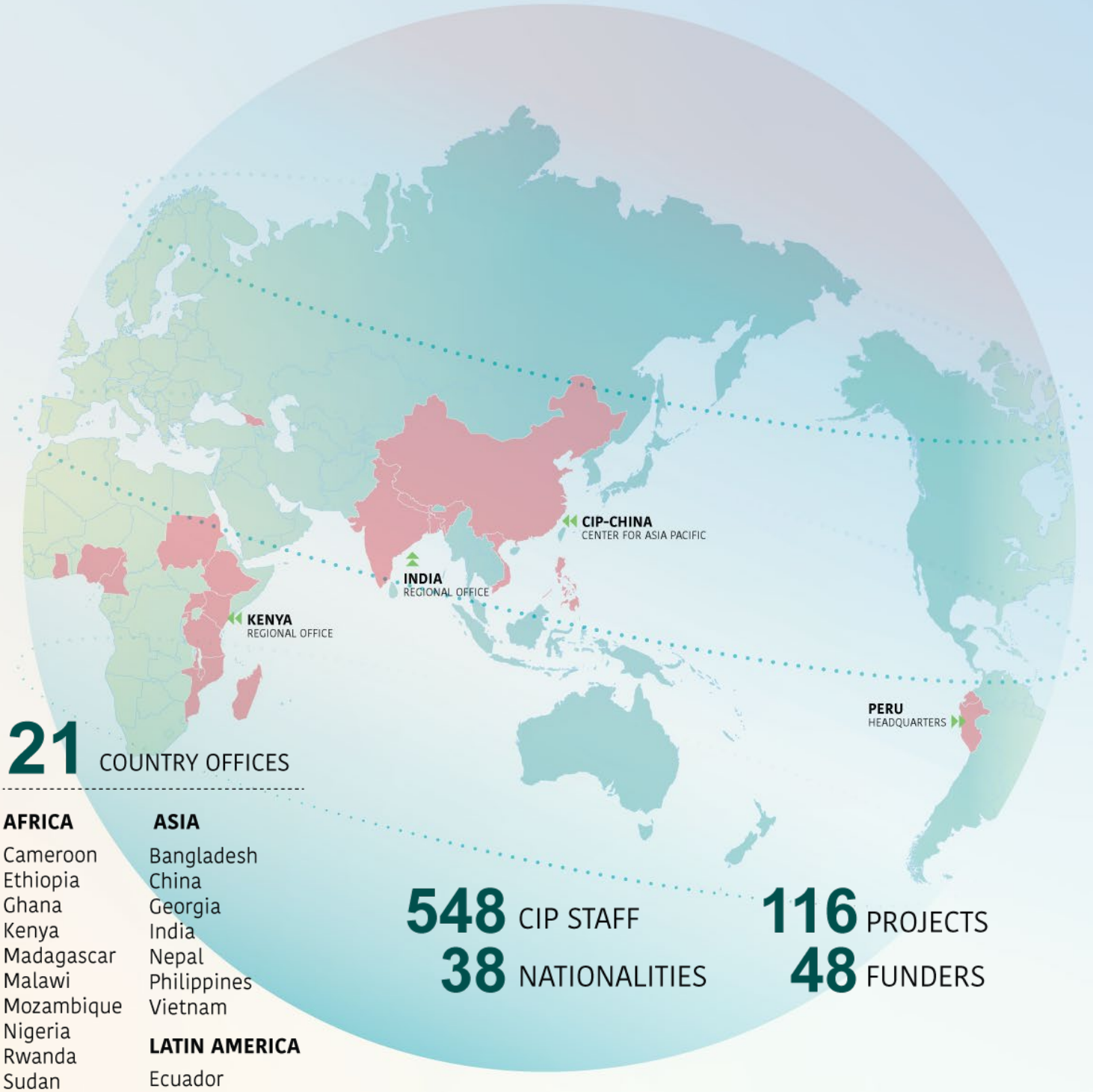
Equitable Partnerships. Partnerships are the cornerstone of our Strategy. We believe that by being more intentional and collaborative in designing partnerships and monitoring their performance more rigorously, we will achieve our goals more effectively and pave the way for more equitable ownership of our science and innovation agenda and results. CIP is engaging with a wide range of partners from local to global arenas and including science, policy, commercial, and social sectors. In each case, investing in partnership management will help define CIP's role and the roles of our partners fairly and appropriately to focus on our comparative strengths, avoid gaps and duplication, and deliver value-for-money.

CGIAR Integrated Partnership

CIP2030 will make CIP a stronger partner in the CGIAR Integrated Partnership, aligning CIP's institutional Strategy to the CGIAR 2030 Research and Innovation Strategy and the CGIAR Integrated Framework Agreement. Our Science Goals are clearly and measurably linked to the five CGIAR Impact Areas, and this guides our engagement with the evolving CGIAR research portfolio.

Our focus on results and investment in knowledge management allow us to transparently monitor CIP's contributions to CGIAR organizational objectives and targets. Across our Science Goals, Innovation Pathways, and Enablers, we seek to coordinate and integrate with the capacities of fellow CGIAR Centers where this increases the value-for-money of our work for our constituencies and funders. This includes our regional engagement in all six CGIAR regions operating through 20 country offices and partnerships in additional countries. We engage in CGIAR mechanisms and bilateral agreements with fellow CGIAR Centers to ensure efficiency and effectiveness of operations and to promote the CIP2030 root and tuber crops agenda and thus amplify our reach and impact.

CIP presence in the world



21 COUNTRY OFFICES

AFRICA

Cameroon
Ethiopia
Ghana
Kenya
Madagascar
Malawi
Mozambique
Nigeria
Rwanda
Sudan
Tanzania
Uganda

ASIA

Bangladesh
China
Georgia
India
Nepal
Philippines
Vietnam

LATIN AMERICA

Ecuador
Peru

548 CIP STAFF

38 NATIONALITIES

116 PROJECTS

48 FUNDERS

The International Potato Center (CIP) was founded in 1971 as a research-for-development organization with a focus on potato, sweetpotato and Andean roots and tubers. It delivers innovative science-based solutions to enhance access to affordable nutritious food, foster inclusive sustainable business and employment growth, and drive the climate resilience of root and tuber agri-food systems. Headquartered in Lima, Peru, CIP has a research presence in more than 20 countries in Africa, Asia and Latin America.
www.cipotato.org

CIP is a CGIAR research center, a global research partnership for a food-secure future. CGIAR science is dedicated to transforming food, land and water systems in a climate crisis. Its research is carried out by 13 CGIAR Centers/Alliances in close collaboration with hundreds of partners, including national and regional research institutes, civil society organizations, academia, development organizations and the private sector.
www.cgiar.org

For more information, please contact CIP Headquarter, Av. La Molina 1895, La Molina, Lima, Peru.

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