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2021 Review on South-South Cooperation

WFP Centre of Excellence for Rural Transformation



World Food
Programme

December 2021



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Foreword

Dear Colleagues,

World food security is expected to worsen as the COVID-19 pandemic persisted throughout 2021, implying that we are moving further away from the UN Sustainable Development Goal 2 Zero Hunger by 2030. In response to the severe food security, the United Nations held its first-ever Food Systems Summit in September, hoping to support a global rethink on how to improve the efficacy and efficiency of food systems.

WFP Centre of Excellence for Rural Transformation (WFP China COE) aims to share with other developing countries China's valuable experience and expertise in poverty alleviation, food security and nutrition improvement. In 2021, WFP China COE held 12 seminars and webinars on e-commerce, post-harvest loss management, disaster risk reduction, climate change response among other themes. Rice, Cassava and Juncao technology application are the three new initiatives for WFP China COE's South-South Cooperation engagement. Our knowledge transfer reached out to some 3,700 people from 77 developing countries. Meanwhile, WFP China COE also actively supported field demonstrations at country level in Asia, Africa and Latin America.

WFP China COE underscores the importance of knowledge management, deeming that digitalised tools and emerging technologies will be increasingly prevailing against the pandemic and even beyond. WFP China COE is upgrading its Knowledge Sharing Platform as an institutional space for boosting peer-to-peer learning, and an enabling environment for



partners to share solutions and connect with each other through South-South Cooperation.

WFP China COE endeavours to promote South-South Cooperation through the demand-driven Country Pilot Projects (CPP), leveraging technical expertise from China to assist other developing countries. In 2021, WFP China COE continued to support the implementation of CPP in Ecuador, Sri Lanka, Kenya, Republic of Congo and Peru in addition to projects financed by the South-South COVID-19 Opportunity Fund. Beneficiaries from such projects ranged from government officials to grass-root farmers as they strive to eradicate poverty and enhance food security locally.

Extensive partnership augmented WFP China COE's engagement in South-South Cooperation. The solid partnership with China's Ministry of Agriculture and Rural Affairs keeps to fuel WFP China COE's engagement for South-South Cooperation. The Year of 2021 witnessed the new partnerships between

WFP China COE and the Ministry of Environment and Ecology, National Centre for Climate Change Strategy and International Cooperation, and the Chinese Academy of Tropical Agricultural Sciences. Academic partners such as AliResearch, thinktank of Alibaba Group, as well as others from the private sector also joined force with WFP China COE, seeking to share systematic solutions and experience from China.

WFP China COE joins synergy with peer agencies in South-South Cooperation. The collaboration with CERFAM and UNOSSC fortified WFP China COE's support to African countries. Joint efforts were made by WFP China COE with FAO and IFAD (RBAs) for food systems transformation in 2021. RBAs joined hands with International Poverty Reduction Center in China, China Internet Information Center, World

Bank and Asia Development Bank to disseminate China's experience on rural poverty reduction and innovative development patterns.

Colleagues and Friends,

The year 2021 made us aware that amid the looming COVID-19 pandemic, no one could stay at ease unless the whole world resumes its normal status. WFP China COE is driving on promoting systematic matching of country demands with national solutions. We are dedicated to leveraging digitalised tools along with other emerging technologies to meet the challenges as we keep strengthening South-South Cooperation. Let's join hands to strive and stride into 2022.

Dr. Qu Sixi
Representative/Country Director
WFP China Office

WFP China COE Engagement in 2021


Policy Level			
No.	Activity	Date	Venue
1	Annual Consultation Meeting with NAFRA	9 Mar	Online
2	2021 Round-Table Conference of Silk Road International Chambers of Commerce*	11 May	Shaanxi
3	International Forum on Poverty Governance and Development Towards Modernisation*	18 May	Yunnan
4	Directors' Consultation Meeting with CERFAM	28 May	Online
5	Seminar on China-Africa Rice Value Chain Enhancement	8-10 Jun	Zhejiang/Online
6	15th ASEAN-China Forum on Social Development and Poverty Reduction*	22 Jun	Beijing
7	Seminar on South-South Cooperation Roadmap of Tropical Agriculture	5-6 Jul	Hainan/Online
8	WFP China's Innovative Partnership Seminar	7-8 Jul	Shandong
9	Joint Webinar on Reducing Food Loss and Waste in China: Towards Sustainable Food Systems Transformation	15 Jul	Online
10	Modern Agricultural Cooperation Conference (Fifth China-Arabic States Expo)*	20 Aug	Ningxia
11	International Conference on Food Loss and Waste Reduction*	9-11 Sep	Shandong
12	UNFSS Independent Dialogue for Innovative Partnership and Value Chain Co-Creation*	15 Sep	Beijing
13	24th China Agricultural Products Processing Industry Investment and Trade Fair*	25-27 Sep	Henan
14	A5 University Dialogue on Global Development Cooperation against Poverty in the Post-Pandemic Era*	14 Oct	Online
15	World Food Day Event*	16 Oct	Hubei
16	Global Development and Security Forum (Boao Forum for Asia)*	18-20 Oct	Hunan
17	International Seminar on Global Poverty Reduction Partnerships (2021 Global Rural Development Forum)	19 Oct	Beijing
18	Modern Agriculture Summit Forum (28th China Yangling Agricultural High-Tech Fair)*	22 Oct	Shaanxi
19	25 th China International Fishery Expo and China International Aquaculture Exhibition*	26-27 Oct	Shandong
20	South-South Online Experience Exchange on Agricultural Innovation and Industry Chain*	26 Nov	Online
21	Workshop on Africa's Granary and Warehouse Facilities	14 Dec	Beijing
22	Thematic Study on China's Experience on Grain Reserves and Food Security		All year
23	Thematic Study on Rural E-commerce Development in West China		All year

* Advocacy Events WFP participated

Institutional Level			
No.	Activity	Date	Modality
24	Webinar on Early Warning System for Better Preparedness	27 May	Online
25	Seminar on Cassava Production and Processing Technology for African Countries	28 Jun-15 Jul	Online
26	Webinar on Improving Smallholder Farmers' Access to Markets and Financial Services	30 Jun	Online
27	Virtual Workshop on Comprehensive Application of Juncao Technology	26 Aug	Online
28	Virtual Tour on the Yellow River Juncao Ecological Security Barrier—Juncao Desertification Control and Industrial Development Sites	6 Oct	Online
29	Seminar on Innovation and Practice of Post-Harvest Loss Management	14 Oct	Online
30	Virtual Workshop on Tropical Agricultural Development in African Countries	18-22 Oct	Online
31	Virtual Seminar on Green Development and Poverty Alleviation of Tropical Agriculture for African Countries	14-21 Dec	Online
Field Level			
No.	Country Projects	Duration	Country
32	Strengthening the Resilience and Livelihoods of Vulnerable Smallholder Farmers to Climate-Related Risks	All around the year	Sri Lanka
33	Improving the Transformation Segment of the Food System in Kenya's Arid and Semi-Arid Lands through Market-Based, Cost-Efficient and Scalable Solutions for Smallholders	All around the year	Kenya
34	Strengthening Central and Local Government Capacity in Support of Gender-Transformative Public Policies to Increase Productivity and Access to Markets of Smallholder Farmers	All around the year	Ecuador
35	Promoting the Participation of Smallholder Farmers in Public Food Procurement in Order to Improve the Nutrition of School Age Children	All around the year	Peru
36	Strengthening the Capacity of Smallholder Farmers to Supply Fortified Cassava Products to Local Markets	Oct-Dec	Republic of Congo
37	COVID-19 Opportunity Fund Projects	Jul-Dec	Burundi, El-Salvador, Zambia, Guinea, Madagascar, Armenia, Libya, Ethiopia
38	China Africa Rice Value Chain Development Initiative	Mar-Dec	Côte d'Ivoire
39	Sustainable Agriculture and Value Chain Development	Mar-Dec	Nepal



I. South-South Cooperation Engagement by WFP China Centre of Excellence



CSP Activity 4: Provide governments with expert advice and policy support on food security and nutrition issues

Under Activity 4, WFP China COE works to enhance the capacities of policy-level stakeholders to identify, target and assist food-insecure populations through South-South Cooperation. Continuous efforts were taken to reinforce policy support for food and nutrition security, and poverty reduction through policy dialogues, consultations and thematic studies. WFP China COE continued to proactively strengthen South-South Cooperation advocacy for wider visibility to forge partnerships with China and WFP global network.

1. At the outset of 2021, an [Annual Consultation Meeting](#) was held with NAFRA on 9 Mar in Beijing. Mme. Cao Yingjun, Executive Director of International Cooperation of NAFRA, and Dr. Qu exchanged views about the joint work through 2021. Consensus was reached that emphasis would be given to food systems transformation echoing UN's call for building a robust and resilient food supply chain against the pandemic. NAFRA expressed enthusiasm to join WFP's endeavour to advance the Africa Rice Value Chain development, in particular, for rice processing, storage and quality control. Commitment was shared by NAFRA to continuously work along with WFP China COE for Country Pilot Projects covering Kenya and other countries.

2. [2021 Round-Table Conference of Silk Road International Chambers of Commerce](#) was held on 11 May in Xi'an, Shaanxi Province. At the conference, Mme. Maha Ahmed, Deputy Country Director of WFP China, shared the role of WFP in humanitarian action, global development and the initiative to strengthen extensive cooperation with all stakeholders for global food security. Representatives from about 20 countries exchanged views and insights for agricultural cooperation and rural poverty reduction. All



participants agreed that poverty alleviation is the common desire of all developing countries and that China had made remarkable achievements in this regard.

3. [International Forum on Poverty Governance and Development towards Modernisation](#) was held in Nujiang, Yunnan Province on 18 May. The event, attended by some 150 participants, including diplomats, government officials and scholars from 18 countries and 4 international organisations, aimed to draw experience from China's poverty alleviation, promote international cooperation on poverty reduction and rural development, and advance sustainable development towards modernisation. At the forum, Dr. Qu Sixi shared WFP's vision for poverty reduction for a world without hunger.



4. [Seminar on China-Africa Rice Value Chain Enhancement](#) was jointly held by WFP China COE and the United Nations Office for South-South Cooperation (UNOSSC) with the support from China International Center for Economic and Technical Exchanges (CICETE), CADFund and WFP Regional Centre of Excellence against Hunger and Malnutrition (CERFAM) from 8 to 10 June 2021 in Shaoxing, Zhejiang Province. The seminar drew 118 participants on-site and another 114 people online, representing 25 countries. The seminar

served as a platform for experts and practitioners of the rice sector to explore ways for the enhancement of China-Africa rice value chain.



5. [The 15th ASEAN-China Forum on Social Development and Poverty Reduction](#) was held in Beijing on 22 June. Dr. Qu Sixi delivered a keynote speech at the forum, in which he hailed China's achievements in eliminating extreme poverty and addressed WFP's engagement in combating hunger. The forum also highlighted WFP China COE's prioritised areas on innovative poverty reduction through South-South Cooperation.



6. [Seminar on South-South Cooperation Roadmap of Tropical Agriculture](#) was co-organised by WFP China COE and Chinese Academy of Tropical Agricultural Sciences (CATAS) from 5 to 6 July in Haikou, Hainan Province. More than 80 participants representing the Chinese government, the corporate and academic sectors, diplomatic missions from African and Asian countries, in addition to WFP country offices and WFP's centres of excellence (COEs) joined in the seminar on-site and online. At the seminar, experts shared their insights on tropical agriculture in alignment with WFP China COE's prioritised areas and identified the roadmap for future cooperation on tropical agriculture. The seminar also witnessed the signing of the MOU between WFP and CATAS.



7. WFP China Innovative Partnership Seminar was held from 7 to 8 July in Qufu, Shandong. It was an occasion to review WFP China's engagement in South-South Cooperation. Three Cloud Dialogues were held to discuss the three value chains development, namely that for cassava, Juncao and rice. WFP Republic of Congo (ROC) Country Office (CO) and CERFAM took turn to brief on the value chain development for cassava and rice at the first two Cloud Dialogues, and the last one focused on Juncao Technology presented by Fujian Agriculture and Forestry University. At the seminar, WFP China COE's insights and expertise were sought to provide more support to South-South Cooperation opportunities on these technologies.



8. Joint Webinar on Reducing Food Loss and Waste in China: Towards Sustainable Food Systems Transformation was jointly organised by FAO, IFAD, WFP and ESCAP-CSAM on 15 July. The webinar showcased vetted experiences from China's domestic accomplishments as well as some international practices with a specific focus on reducing food loss and waste. These knowledge and solutions were to be further up-scaled in the context of the anti-food waste law in China and in line with the 2030 Agenda for Sustainable Development. This event was one with RBA joint effort to contribute to the UN Food Systems Summit in 2021.

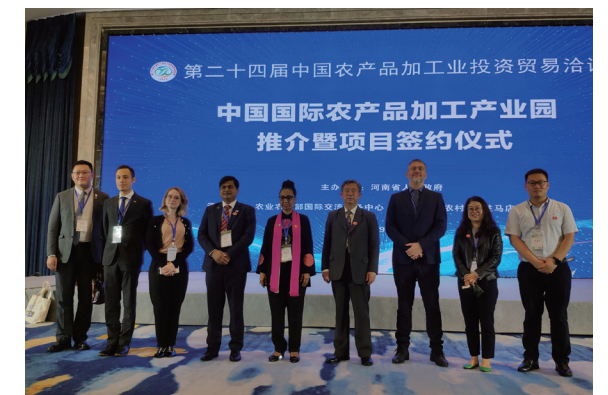
9. Modern Agricultural Cooperation Conference at the Fifth China-Arab States Expowas held on 20 August in Yinchuan, Ningxia Hui Autonomous Region. In his keynote speech to the conference, Dr. Qu Sixi said the conference and the upcoming UN Food Systems Summit would be new opportunities to strengthen the cooperation with partners and to contribute to the development of modern agriculture between China and Arab countries.



10. International Conference on Food Loss and Waste was convened from 9 to 11 September in Jinan, Shandong Province. Dr. Qu Sixi delivered a speech entitled *Enhance South-South Cooperation for Efficient Post-Harvest Loss Management*. He underscored that WFP would continue to support China in achieving its goals in food security while facilitating China's helping other developing countries with post-harvest loss management through South-South Cooperation.

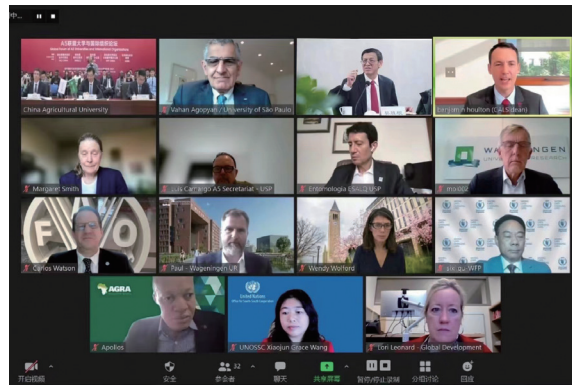


11. The 24th China Agricultural Products Processing Industry Investment and Trade Fair was held from 26 to 28 September in Zhumadian, Henan Province. Mme. Maha Ahmed delivered a speech in which she recognised the important role played by the agricultural production and food processing industry in Henan Province in China's food security. She reiterated that WFP would spare no efforts in exploring innovative approaches and practices for food systems support in China.



12. The A5 University Dialogue on Global Development Cooperation against Poverty in the Post-Pandemic Era was held online on 14 October and Dr. Qu Sixi was invited to deliver a speech. He noted that eliminating hunger would contribute to poverty reduction globally and concerted efforts from all stakeholders

could play a necessary and significant role in accelerating the process.



13. The celebration of the 41th World Food Day in China was organised by NAFRA, MARA and FAO on 16 October in Wuhan, Hubei Province. The theme of this year's World Food Day is: "Our actions are our future. Better production, better nutrition, a better environment and a better life." Dr. Qu Sixi attended the event and joined peer discussions.

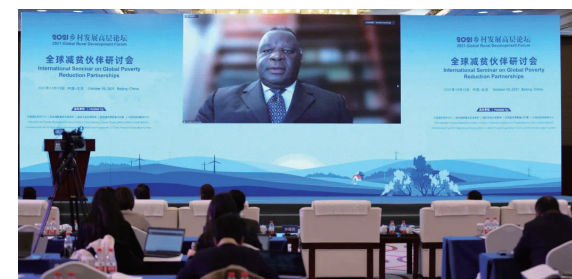
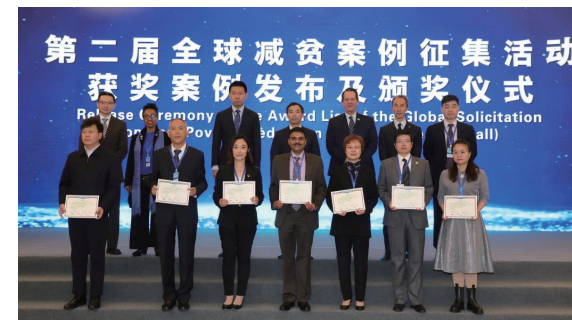


14. The Global Economic Development and Security Forum, co-organised by Boao Forum for Asia and the Hunan provincial government, was held from 18 to 20 October in Changsha, Hunan Province. Dr. Qu Sixi attended the forum and delivered a speech themed *Challenges on Food Security Today and Our Responses*. In the speech, he highlighted the serious challenges faced by the humanity towards achieving Sustainable Development Goals due to the COVID-19 pandemic, climate change and global economic recessions.



15. 2021 Global Rural Development Forum was held on 19 October in Beijing with joint organisational effort by WFP, FAO, IFAD, China Internet Information Centre, and International Poverty Reduction Centre in China. At the International Seminar on Global Poverty Reduction Partnership, a subforum, Mr. Stanlake Samkange, Senior Director of WFP Strategic Partnership Division, delivered a keynote speech and Mme. Maha Ahmad moderated the panel discussion on innovative approaches for agriculture and rural development from China. The seminar witnessed the launching of the third call for

Global Solicitation on Best Poverty Reduction Practices.



16. Modern Agriculture Summit Forum, a subforum of the 28th China Yangling Agricultural High-Tech Fair, was held on 22 October in Yangling, Shaanxi Province. Dr. Qu Sixi attend the opening ceremony virtually and delivered a video speech. In his speech, Dr. Qu reviewed China's agricultural development and technical advancement in recent years and noted that WFP and Northwest Agriculture and Forestry University were to enter a strategic partnership on South-South Cooperation.



17. The 25th China International Fishery Expo and China International Aquaculture Exhibition was held in Qingdao, Shandong Province from 26 to 27 October. The event was jointly organised by the Agricultural Trade Promotion Center of the Ministry of Agriculture and Rural Affairs of the

People's Republic of China (MARA) and Yellow Sea Fisheries Research Institute of Chinese Academy of Fishery Sciences. Mme. Maha Ahmad attended the opening ceremony of the event.



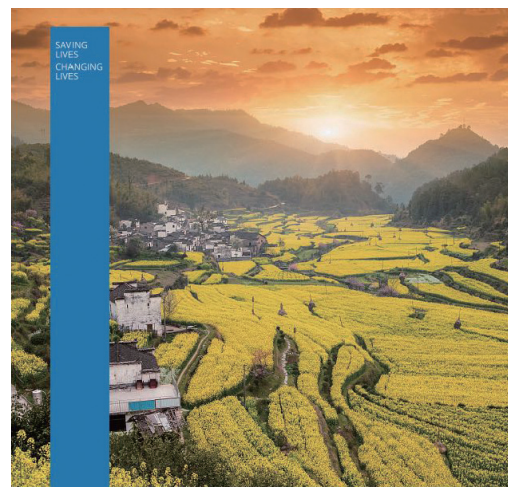
18. South-South Online Experience Exchange on Agricultural Innovation and Industry Chain was held by UNOSSC and joined by WFP China COE on 26 November. The webinar flagged good practices and experiences in agricultural innovation and industry chain, and facilitated partnership brokering among multiple stakeholders from the Global South for sustainable agriculture management. WFP China has been a member of the UNOSSC online community, South-South Cities Clusters, to join the efforts to facilitate online exchange of knowledge and solutions among developing countries.



19. Thematic Study on China's Experience on Grain Reserves and Food Security was a joint effort with NAFRA. The study laid the foundation for the report developed based on consultations with experts and field fact-finding missions. The report depicts China's grain storage and reserves systems which serve to adjust the equilibrium of grain supply and demand, stabilise the grain market and respond to natural disasters and other emergencies.



20. Thematic Study on Rural E-commerce Development in West China was conducted in collaboration with AliResearch. Based on the study, WFP China COE presented a thematic report on China's experience in rural e-commerce, especially in the western areas. By showcasing some role-model entrepreneurs in e-business, the report aims to demonstrate the positive impacts of e-commerce in promoting rural development in West China, such as Shaanxi and Gansu provinces, in the hope that such experiences may be shared by other developing countries. The report also highlights women's role in rural e-commerce.



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2021年12月



CSP Activity 5: Knowledge-sharing through study tours, training, technology transfer and online exchange platforms

Under Activity 5, WFP China COE reserves no efforts to share China's experience with other developing countries by facilitating capacity-buildings, training activities and knowledge sharing at the institutional level. With the technical support from our partners, WFP China COE organized a number of webinars, online workshops, and virtual seminars in line with the four prioritized areas to promote technology transfer and exchange among the Global South. WFP China COE always underscores the importance of knowledge management, deeming that digitalised tools and emerging technologies will be increasingly prevailing against the pandemic and even beyond.

21. Webinar on Early Warning System for Better Preparedness was jointly organised by WFP China COE and the Disaster Risk Reduction Centre of China on 27 May. Based on comprehensive demands analysis, the webinar flagged China's knowledge and experience in early warning response, multi-model risk assessment and analysis tools. Dr. Qu Sixi delivered the closing remarks and Mme. Maha Ahmed moderated the webinar. More than 110 participants from 15 countries attended the webinar.



22. Seminar on Cassava Production and Processing Technology for African Countries was a series of online events held from 28 June to 15 July by CATAS with facilitation from WFP China COE and CERFAM. The seminar spotlighted China's experience of cassava production and processing, hoping to support the cassava value chain development in Africa. Dr. Qu Sixi delivered the opening remarks for the seminar. Around 250 participants from 16 countries attended the 18-day seminar.



23. Webinar on Improving Smallholder Farmers' Access to Markets and Financial Services was organised on 30 June by WFP HQ's Strategic Partnership Division and WFP Ghana Country Office, with facilitation from WFP China COE. The endeavour was to loop in the Ghana Commodity Exchange and National Food Buffer Stock Company. The webinar strengthened the understanding around the



specific needs of the different sectors in Ghana and explored how Chinese academic and corporate partners can support the Ghana Smallholder Farmers E-Commerce Access (SFEA) project proposed by the Ghana government. Experts from NAFRA provided presentations during this webinar.

24. Virtual Workshop on Comprehensive Application of Juncao Technology was held on 26 August. The workshop promoted Juncao technology and presented one field case in Changji, West China's Xinjiang Uyghur Autonomous Region, as well as videos featuring Juncao's application domestically and abroad. Prof. Lin Zhanxi, inventor of the Juncao Technology, gave a technical presentation on this technology. Dr. Qu led the discussion and encouraged the integration of the technology into WFP Food Assistance for Assets initiatives. About 110 participants from 19 countries attended this workshop.



25. Virtual Tour on the Yellow River Juncao Ecological Security Barrier – Juncao Desertification Control and Industrial Development Sites was held on 6 October. It was an event jointly organised by WFP China COE, National Engineering Research Centre of Juncao Technology and UN Department of Economic and Social Affairs. The virtual tour brought online participants to sites that featured Juncao desertification control and industrial development in Ningxia, Hui Autonomous Region, and was a showcase of the ecological restoration function of Juncao Technology through innovative approaches. Around 280 participants from 56 countries participated in the virtual tour.



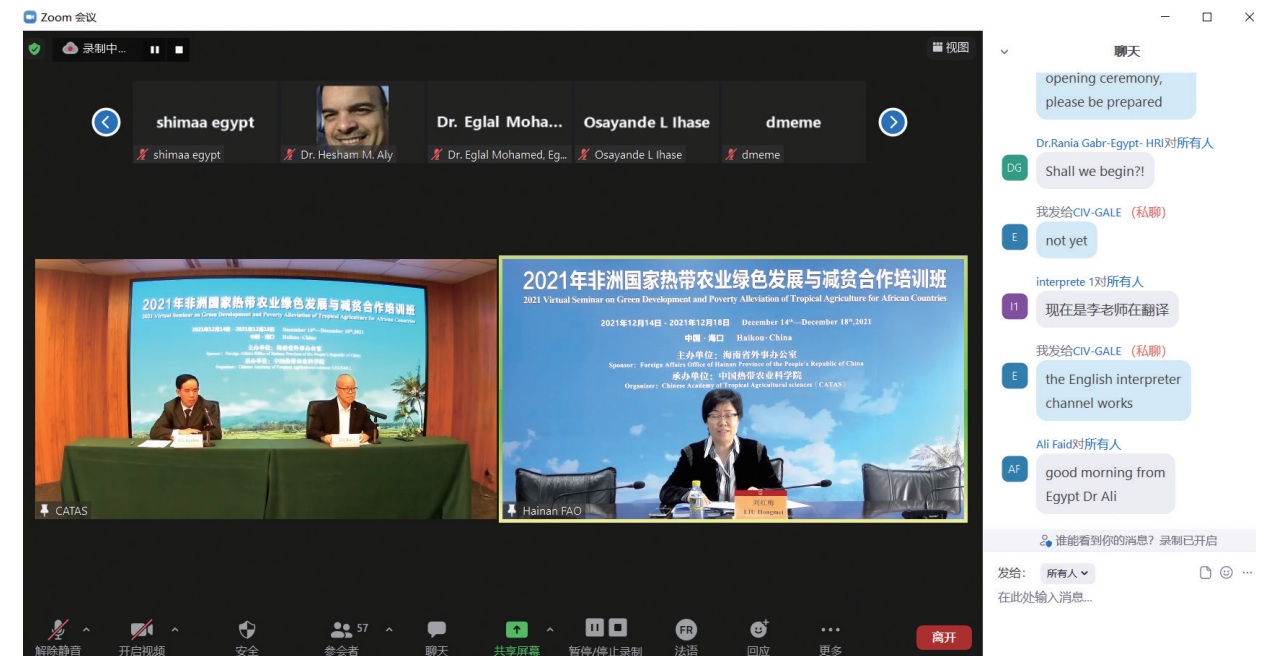
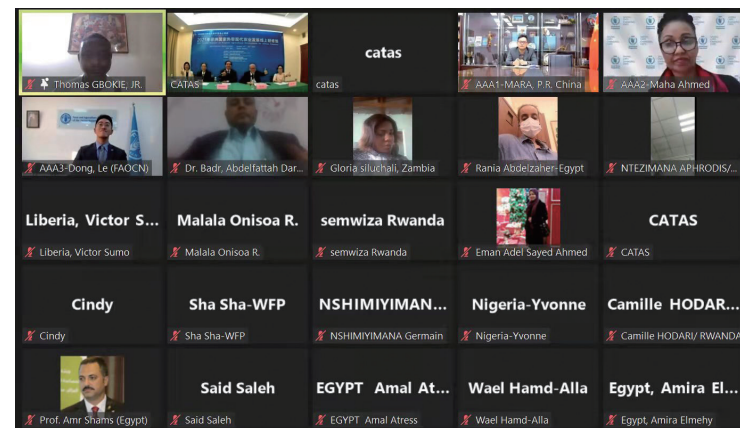
26. Seminar on Innovation and Practice of Post-harvest Loss Management was held virtually on 14 October jointly by WFP China COE, Henan University of Technology (HAUT) and CERFAM, with special support from NAFRA. Dr. Qu Sixi delivered the opening remarks; experts from NAFRA, HAUT, Beijing University of Technology and Ghana Commodity Exchange shared their views on grain processing, grain storage, and the application of ICT in these areas. It was a hybrid activity on-site and offline, with more than 200 participants from 44 countries.



28. Virtual Seminar on Green Development and Poverty Alleviation of Tropical Agriculture for African Countries, another CATAS-led event supported by WFP China COE, was held from 14 to 18 December. It was an occasion to promote China's experience and technologies on green development and poverty alleviation of tropical agriculture. Mme. Maha Ahmed delivered opening remarks for both events. About 70 participants from 12 countries attended the seminar.



27. Virtual Workshop on Tropical Agricultural Development in African Countries was organised from 18 to 22 October by CATAS and was supported by WFP and FAO in China. The five-day workshop strengthened the technical exchanges between China and African countries in tropical agriculture. A total of 38 participants from 12 countries attended the workshop.



CSP Activity 6: Foster leadership among a new generation of smallholder farmers

Under Activity 6, WFP China COE endeavours to promote South-South Cooperation and facilitate China's experiences to reach a broader group of people in other developing countries through demand-driven Country Pilot Projects (CPP), leveraging technical expertise from China. WFP China COE continued to support, including through digital modalities, the implementation of CPP in Ecuador, Sri Lanka, Kenya, Republic of Congo and Peru as well as projects financed by the South-South COVID-19 Opportunity Fund. WFP China COE reached out to help countries to respond to existing challenges as well as those aggravated by the pandemic, with the successive funding and technical support from MARA, following the success of CPP's previous waves.



29. Strengthening the Resilience and Livelihoods of Vulnerable Smallholder Farmers to Climate-Related Risks in Sri Lanka. Funded by the Chinese government, this joint South-South Cooperation Country Pilot Project (CPP) in Sri Lanka aims to strengthen the resilience of the smallholder farmers who grow rice and maize in Sri Lanka's Monaragala and Anuradhapura districts, leveraging the expertise from Jiangsu Academy of Agricultural Science (JAAS), WFP China COE's partner.

As for Phase Two of the in-country project, JAAS made video courses on Rice Quality Assurance, Whole Process Mechanization of Rice and Maize Production, and Social Services in Agriculture and Market Opportunities and Linkage, in addition to participating an online workshop jointly held by WFP China COE and Sri Lanka CO, aiming to strengthen local farming technicians' knowledge in the training of the trainers (TOT).



30. Improving the Transformation Segment of the Food System in Kenya's Arid and Semi-Arid Lands through Market-Based, Cost-Efficient and Scalable Solutions for Smallholders in Kenya. The CPP in Kenya seeks to strengthen the capacity of smallholder farmers and county government officials, addressing the challenges in the transformation of the food systems in Kenya's arid and semi-arid lands; the in-country pilot project in Kenya also aims to strengthen the FSC in Isiolo and Busia. WFP China COE has delivered to Kenya CO video courses made by NAFRA experts on China's Experience in Fortified Flour, China's Food Security: Standard and Supervision and China's Experience in PHLM. These videos are expected to be broadcast by WFP Kenya CO early in 2022 to promote local skills on cost-effective fresh food (vegetables and fruits) and grains (sorghum, maize, pulses) storage and processing technologies.

As for FSC development, an online technical workshop was held on 7 October to illuminate grass-root government officials with knowledge and experiences FSCs, for which WFP China COE looped in Dr. Liang Qiao, an SSTC nominated Chinese expert from Zhejiang University, to present her comments and shared the China's models of farmer cooperatives.

31. Strengthening Central and Local Government Capacity in Support of Gender-Transformative Public Policies to Increase Productivity and Access to Markets of Smallholder Farmers in Ecuador. The project endeavours to strengthen sustainable food production systems and implement resilient agricultural practices that increase productivity and diversify crops, especially rice, with a gender approach. Through

WFP China COE's facilitation, the project's technical partner Hunan Agricultural University (HAU) prepared video courses that covered the following topics: Rice Full Mechanised Production Technology, Establishment and Management of Agricultural Products Traceability System, Ecological Planting and Breeding Technology in Rice Fields, Multi-cropping Technology of Rice, and New Methods and Technologies for Rice Production. WFP China COE has delivered these course videos to Ecuador CO through HQ and will be broadcast in organised learning sessions.



As for next stage's work, Dr. Qu Sixi visited HAU in October and consulted with Prof. Huang Huang, the leading professor for the SSTC nominated Chinese expert team from the HAU. WFP China COE, Ecuador CO and the WFP HQ all expect more online technical workshop to be carried out to tackle grass-root issues in the rice value chain for smallholder farmers in Ecuador.



32. Promoting the Participation of Smallholder Farmers in Public Food Procurement in Order to Improve the Nutrition of School Age Children in Peru. For Phase Two of the in-country project, the Peru CO promoted the participation of smallholder farmers in public food procurement to improve the nutrition of school age children. The project contributed to the national public policy that regulates smallholder farmers' inclusion in institutional public markets in Peru.

For next year, the new phase of SSTC project will include a field-level activity in Ayacucho focusing on fresh food value chain development in Huamanga and Huanta (Ayacucho), highlighting associativity and food safety process to improve the connection with public and private markets. WFP China COE will loop in Chinese experts to equip local smallholder farmers with relevant knowledge and share with them vetted solutions from China.

33. Strengthening the Capacity of Smallholder Farmers to Supply Fortified Cassava Products to Local Markets in the Republic of Congo has been consistently carried out by WFP ROC Country Office with technical support from WFP China COE's strategic partner CATAS. Due to the COVID-19 pandemic, the original on-site coaching by CATAS was forced to suspend. For Phase Three of the in-country project, WFP ROC CO and WFP China COE will work on strengthening the capacity of smallholders' to supply fortified cassava products and to reduce post-harvest loss of banana in the country.



34. COVID-19 Opportunity Fund Projects In 2021, a total of eight countries – Armenia, Burundi, El-Salvador, Guinea, Madagascar, Libya, Zambia and Ethiopia – were included in the Opportunity Fund. The thematic areas for those countries were divided into four main areas, which are e-commerce, value chain, post-harvest loss management and climate resilience.

The Ethiopia Multigrain Fortified Noodle Workshop was held on 24 September jointly by WFP Ethiopia CO and WFP China COE, looping in experts from NWAUFU, HAUT as well as the private sector in China to help Ethiopia CO with up-scale production of fortified noodle from sorghum-wheat mixed flour. Chinese experts shared with WFP colleagues from Ethiopia as well as interested business people nutrition facts and industrial process for sorghum-wheat noodle. The endeavour was to address the food security issues among refugees in Ethiopia; besides, it also linked the noodle business practitioners from both countries.

Responding to the need of WFP Armenia CO, COE is helping with Armenia's solar-based poverty reduction initiative within the framework of the Opportunity Fund. One expert from NWAUFU, Dr. Xu Jinghui, and his team have started tackling issues raised by Armenia CO.

The initiatives for other countries in the Opportunity Fund are still being mulled over by both the WFP country offices and WFP China COE, and such projects are expected to be implemented in 2022.

In addition, WFP China COE also helped the country offices in Nigeria and Chad with local homegrown school feeding programmes and national social registries, respectively.

35. China-Africa Rice Value Chain Development Initiative in Côte d'Ivoire. WFP China COE and CERFAM implemented this project in Côte d'Ivoire to facilitate South-South knowledge-sharing and expertise transfer in advancing rice value chain development through pilot demonstration, capacity development training,

and technology and skillstransfer, a joint effort to respond to regional and local development demands and priorities.



WFP China COE implemented field missions and rounds of consultation with different private sectors for procurement of the rice processing and storage demonstration facilities. The facilities have been settled down for demonstration activities. In November, a joint diagnostic mission in target area was conducted by WFP Côte d'Ivoire Country Office, CERFAM, Africa Rice Centre and the national rice authority. A training on packaging and post-harvest management was also organized during the week after the diagnostic with support from Chinese experts in China-Africa Agricultural Technology Demonstration Centre in Côte d'Ivoire.



36. Sustainable Agriculture and Value Chain Development in Nepal. Following the cooperation framework with UNOSSC, WFP China COE collaborated with the Foreign Economic Cooperation Centre (FECC) of MARA, supported by WFP Nepal Country Office, UNDP Nepal Country Office, and local authority in Khajura Rural Municipality of Nepal, to implement this project supporting the smallholder capacity-building in Nepal in horticultural and livestock production and agriculture value chain development.



The technical needs analysis has been completed upon questionnaire distribution and collection. All project activities were online due to the COVID-19 pandemic challenge. Upon the Needs Assessment Report, 27 video training courses focusing on technologies and practices of vegetable cultivation and poultry feeding, including avirtual tour in the field, have been delivered to Nepal for smallholder training in Khajura Rural Municipality. An exchange webinar is to be held for further the discussion between Chinese experts and training participants.

II. South-South Cooperation Partnership

WFP China COE values partnership to expand the support to South-South Cooperation. In addition to decades of solid partnership with MARA, this year witnessed a booming of South-South Cooperation partnership forging. WFP reached out to foster strategic partnership with line ministries and national authorities, technical partnership with academies and institutions as well as peer agencies.

37. Director's meeting between WFP China COE and CERFAM was held on 24 March. Dr. Qu Sixi and Mr. Patrick Teixeira, Director of CERFAM, participated in the meeting. It was the second consecutive year that the COE directors' meeting was convened. The meeting drew the blueprint for the collaboration between the two centres of excellence in 2021 and exchanged views on shared themes by both sides, including food systems, PHLM and rice value chain, among others.



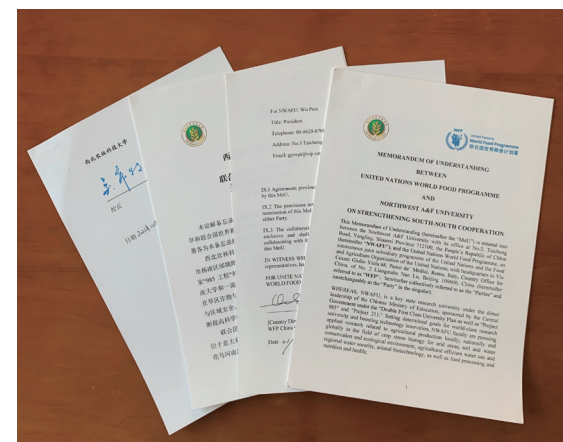
38. MOU between WFP and CATAS. WFP signed an MOU with Chinese Academy of Tropical Agricultural Sciences (CATAS), a national research academy administrated by MARA, was signed on 5 July. CATAS and WFP share common objectives in deepening South-South Cooperation on tropical agriculture. This partnership aims to improve food security and rural livelihood in developing countries of tropical areas and will see more efforts from CATAS to respond to regional and national needs. CATAS and WFP China COE have co-organised four seminars and workshops focusing on cassava value chain and tropical agriculture development related topics, which proves to be a big step forward following the cooperation roadmap.



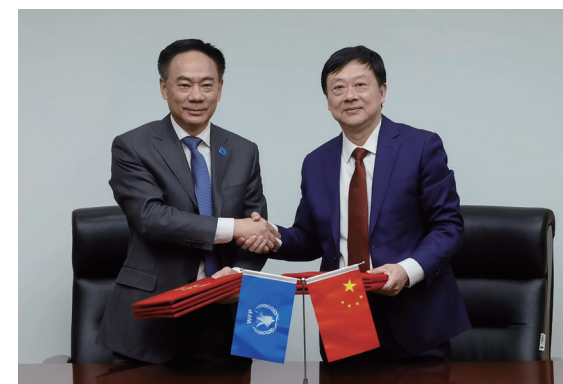
39. The 10-year Anniversary Virtual Event of WFP Centre of Excellence Brazil. WFP China COE attended the discussion on South-South and Triangular Cooperation (SSTC) with other WFP centres of excellences at the 10th Anniversary Virtual Event of WFP Centre of Excellence Brazil on 4 November. The event commemorated a decade of promoting international cooperation to advance food security through WFP's main mechanisms to promote SSTC in providing comprehensive support to assist host governments in achieving SDG 2.



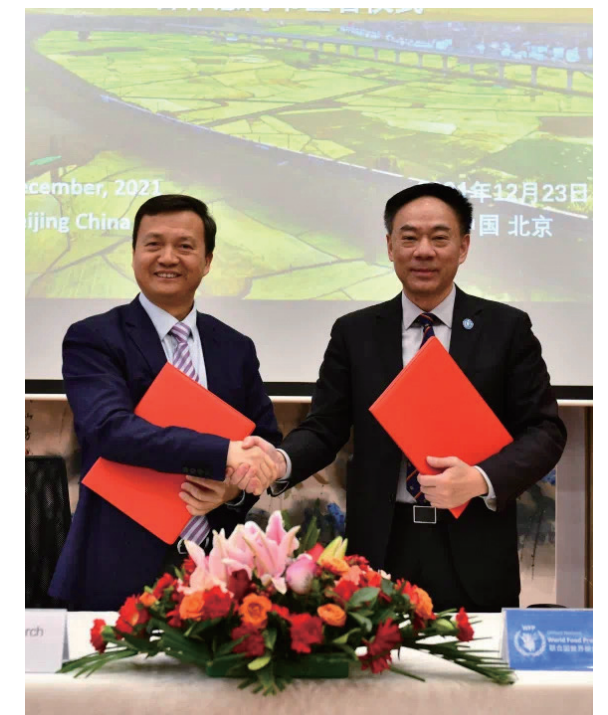
40. MOU between WFP and NWAUFU. WFP entered in partnership for South-South Cooperation with Northwest Agricultural and Forestry University (NWAUFU), a prestigious state research university directly administered directly by the Chinese Ministry of Education. The partnership will focus on water-saving irrigation, responses to climate change, agricultural processing, as well as talent exchange programmes between WFP China and NWAUFU.



41. MOU between WFP and MEE. WFP signed the MOU with the Ministry of Ecology and Environment of the People's Republic of China (MEE) on 20 December, a move to recognise and encourage MEE's further contributions to South-South Cooperation on climate change and global climate governance.



42. LOI with AliResearch. The Letter of Intent between WFP and AliResearch was signed on 23 December, aiming at promoting South-South Cooperation in advancing sustainable development, facilitating capacity development, enhancing peer learning and knowledge exchanges among youth, smallholder farmers and entrepreneurs from developing countries.

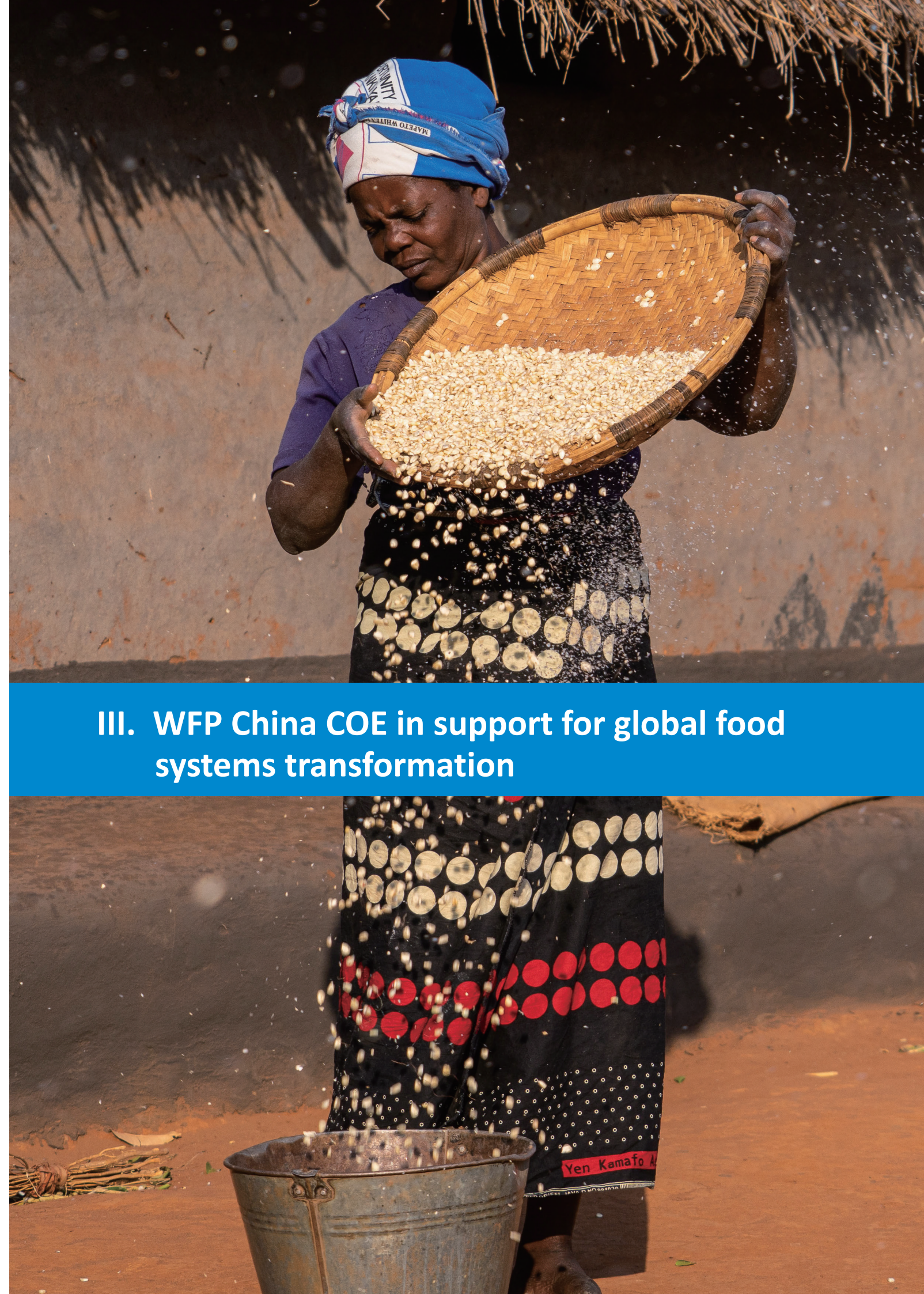


43. MOU with HAUT. The MOU between WFP and Henan University of Technology (HAUT), a renowned university of Henan Province co-sponsored by NAFRA and the People's Government of Henan Province, was ready to be signed to deepen South-South Cooperation through knowledge and expertise leveraging in the field of post-harvest loss management.

44. MOU with NAU. The MOU between WFP and Nanjing Agricultural University (NAU), a highly reputable agricultural university in China, was ready to be signed, aiming to strengthen South-South Cooperation by sharing China's experience and technical expertise on agriculture and smallholder value chain development with other developing countries.



45. MOU with CICG. WFP and China Foreign Languages Publishing Administration are preparing to enter partnership for South-South Cooperation. Under the agreement, China Foreign Languages Publishing Administration, also known as China International Communications Group (CICG), will help share China's technical solutions, best practices, experiences, and approaches pertaining to sustainable development via knowledge products and training activities related to South-South Cooperation.



III. WFP China COE in support for global food systems transformation

The United Nations Food Systems Summit took place on 23 September 2021. It served as a historic opportunity to empower all people to leverage the power of food systems to fuel the recovery from the COVID-19 pandemic and return on track to achieve SDGs by 2030.

As the anchor agency of Action Track 5, WFP underpins the ambitions on building resilience and mitigating shocks, understanding and addressing the drivers and root causes of food insecurity, strengthening national supply chains, supporting smallholder farmers, reducing food loss and waste, and supporting the scale up of home-grown school feeding programmes. WFP China COE collaborated with partners participating in this Summit to support food system transformation at different levels.

WFP, along with FAO, IFAD and ESCAP-CSAM, hosted the webinar in July on Reducing Food Loss and Waste (FLW) in China: Towards sustainable food systems transformation, as an independent dialogue on food systems. The webinar presented experiences and lessons learned from China's domestic accomplishments as well as international practices, with a specific focus on reducing food loss and waste. This joint RBA event was an effort to contribute to the UN Food Systems Summit in 2021.



An Independent Dialogue of the UN Food Systems Summit was co-organised by China Academy of Agricultural Sciences and Syngenta China in Beijing on 15 September. The dialogue focused on food system transformation, food loss and waste, and digitalised innovation. WFP China COE was invited to attend the dialogue and Dr. Jia Yan moderated the thematic discussion.



Annex I Key Indicators

Activity	Type	Indicators
Activity 4 Provide governments with expert advice and policy support on food security and nutrition issues	Policy dialogue (seminar/meetings)	4 seminars/meetings 1162 participants 36 countries 50 experts involved
Activity 5 Knowledge-sharing through study tours, training, technology transfer and online exchange platforms	Study	2 studies conducted 15 interviews
	Workshops (webinars/trainings)	8 workshops/webinars 1066 participants 48 countries 47 experts involved 79 policy reference 107 solutions 56 experts
Activity 6 Foster leadership among a new generation of smallholder farmers	Knowledge Sharing Platform	16 publications 1441 participants receiving technical assistance
	Country Pilot Projects/Opportunity Fund projects/UNOSSC Grant Projects	201 technical assistance session facilitated 44 tools and products developed 14 experts deployed
Partnership Partnerships/Initiatives for cooperation developed between WFP China and partners	Strategic/technical partnerships	4 agreements entered with partners 11 activities/studies/projects jointly conducted with partners

Annex 2 Acronyms

1	ASEAN	Association of Southeast Asian Nations
2	CADFund	China-Africa Development Fund
3	CATAS	Chinese Academy of Tropical Agricultural Sciences
4	CERFAM	Centre of Excellence against Hunger and Malnutrition
5	CICETE	China International Center for Economic and Technical Exchanges
6	CO	Country Office
7	CPP	Country Pilot Projects
8	ESCAP-CSAM	Economic and Social Commission for Asia and the Pacific—Centre for Sustainable Agricultural Mechanization
9	FAO	Food and Agriculture Organization of the United Nations
10	FECC	Foreign Economic Cooperation Centre
11	FFA	Food Assistance for Assets
12	FSC	Farmer Service Centres
13	HAU	Hunan Agricultural University
14	HAUT	Henan University of Technology
15	HQ	Headquarters
16	IFAD	International Fund for Agricultural Development
17	JAAS	Jiangsu Academy of Agricultural Science
18	MARA	Ministry of Agriculture and Rural Affairs
19	MOU	Memorandum of Understanding
20	NAFRA	National Food and Strategic Reserves Administration
21	NAU	Nanjing Agricultural University
22	NWAFU	Northwest Agricultural and Forestry University
23	RBA	Rome-based Agencies
24	ROC	Republic of Congo
25	SFEA	Smallholder Farmers E-Commerce Access
26	SSTC	South-South and Trilateral Cooperation
27	UN	United Nations
28	UNDP	United Nations Development Programme
29	UNOSSC	United Nations Office for South-South Cooperation
30	WFP	World Food Programme
31	China COE	Centre of Excellence for Rural Transformation

Annex 3 2021 South-South Cooperation Events Overview

2021 SSC Events Overview



Rice Value Chain Enhancement
 • 232 participants
 • 25 countries



Comprehensive Application of Juncao Technology
 • National Juncao Centre
 • 104 participants
 • 19 countries



South-South Cooperation Roadmap of Tropical Agriculture Seminar
 • CATAS
 • 80+ participants
 • 5 countries



The Yellow River Juncao Ecological Security Barrier
 • UN DESA and National Juncao Centre
 • 279 participants
 • 56 countries



Reducing Food Loss and Waste in China
 • FAO, WFP, IFAD, ESCAP
 • 765 participants
 • 29 countries



Innovation and Practice of PHLM
 • HAUT, CERFAM, NAFRA
 • 200+ participants
 • 44 countries



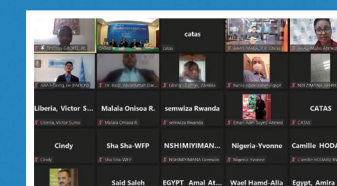
Global Poverty Reduction Partnership
 • WFP, FAO, IFAD, CIIP
 • 120 participants



Improving Smallholder Farmers' Access to Markets and Financial Services
 • STR, WFP Ghana
 • 11 participants
 • 2 countries



Early Warning System for Better Preparedness
 • NDRCC
 • 110+ participants
 • 15 countries



Tropical Agricultural Development
 • CATAS
 • 38 participants
 • 12 countries



Cassava Production and Processing Technology for African Countries
 • CERFAM and CATAS
 • 250 participants
 • 16 countries



Green Development and Poverty Alleviation of Tropical Agriculture
 • CATAS
 • 70 participants
 • 12 countries

Annex 4 Links and QR codes to SSC Knowledge Management Products

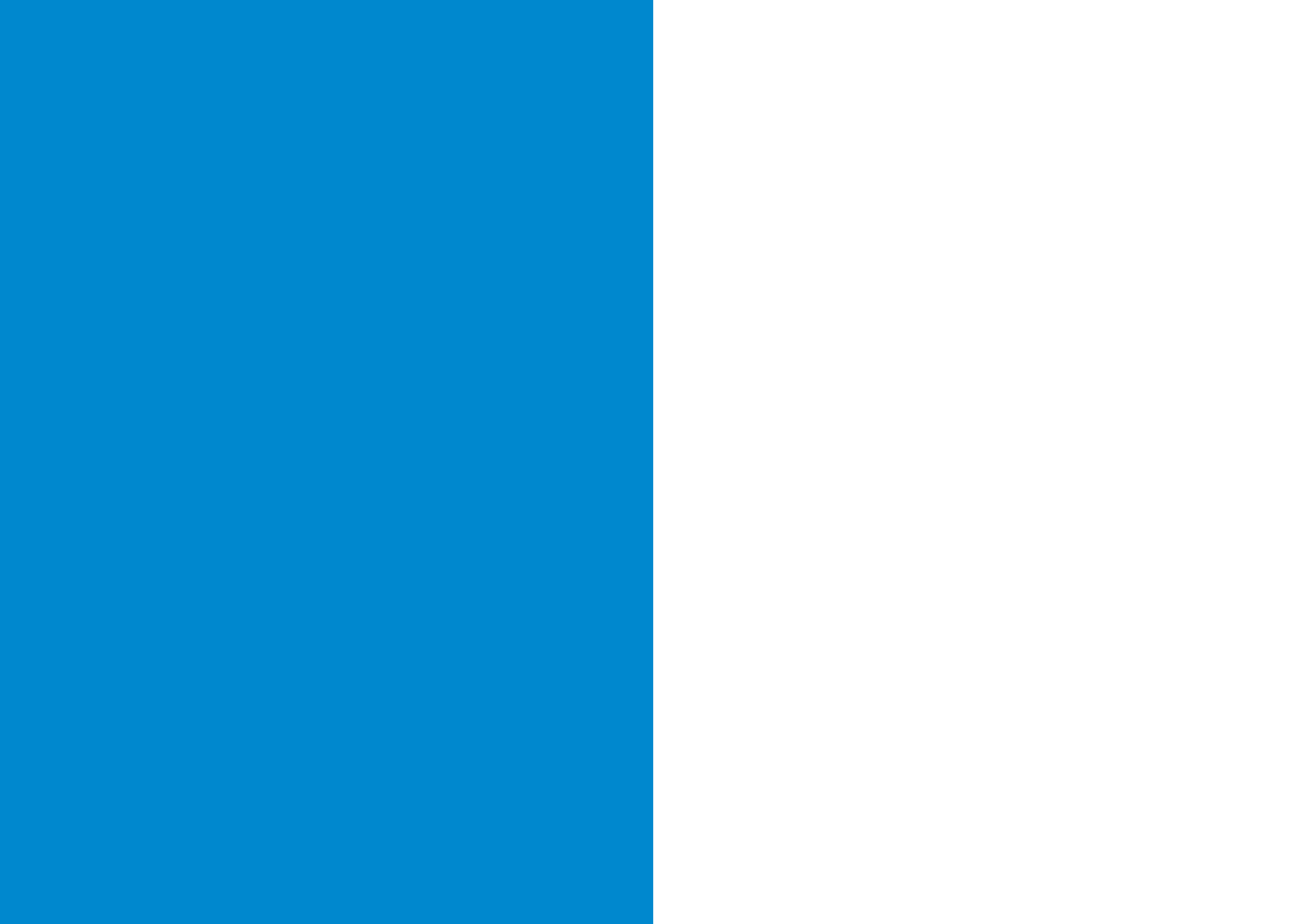
WFP China COE South-South Cooperation Knowledge Sharing Platform

www.wfpchinacoe.net

WFP China COE South-South Cooperation Cloud School

cloudschool.wfpchinacoe.net





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