

# RURAL

# 21

The International Journal for Rural Development

## INDEX 2023

## INDEX OF SUBJECTS AND INDEX OF AUTHORS

### FOCUS

Energy – time for change	1/2023
Agri-food prices, food security and the role of trade	2/2023
Joining forces for agri-food systems transformation	3/2023
Stemming food loss and waste	4/2023

## SUBJECTS

	PAGE	ISSUE		PAGE	ISSUE
<b>Agriculture &amp; Livestock</b>			Producing nitrogen fertiliser with net-zero CO <sub>2</sub> emissions	36	1/2023
Unlocking the potential of agrivoltaics	28	1/2023	Women's cooperative in the camel milk business shows resilience during drought	39	2/2023
Long-term fertilisation strategies for blended agricultural sustainability are needed	18	2/2023	Healthy planet, healthy people – is it achievable or a pipedream?	41	3/2023
Women's cooperative in the camel milk business shows resilience during drought	39	2/2023			
From vision to action – towards resilient food systems in Ethiopia's highlands	20	3/2023	<b>Development cooperation/ Development policies</b>		
The socio-economic effects of the commercialisation of African indigenous vegetables	24	3/2023	Transforming agricultural and food systems – why and how	06	3/2023
Global Crop Diversity Summit 2023 – why seed banks matter	05	4/2023	Policy coherence and food systems transformation	10	3/2023
Unleashing the power of innovation – the WFP Innovation Accelerator	16	4/2023	Supporting governments in optimising agricultural spending and policies – FAO's MAFAP programme	12	3/2023
Biodiversity-smart agriculture – the role of labour requirements	36	4/2023	People-centred collaboration – four key principles for equity and sustainability in the food systems transformation	16	3/2023
Zero soil movement – adopting new techniques in potato production	39	4/2023	Welthungerhilfe's food system framework – a compass for practitioners	32	3/2023
			"If we only rely on safe bets, we will miss out on big opportunities" – Interview with Wolfgang Mittmann, CEO Saving Grains	20	4/2023
<b>Agricultural policies</b>			"We have to align the transformation agenda with African realities" – Interview with Ousmane Badiane, Executive Chairperson and Acting Managing Director of AKADEMIYA2063	32	4/2023
Global fertiliser price volatility – approaches to reduce vulnerability among countries in the Global South	24	2/2023			
Tapping intra-regional agricultural trade potentials in West Africa	30	2/2023	<b>Digitisation</b>		
Supporting governments in optimising agricultural spending and policies – FAO's MAFAP programme	12	3/2023	Bridging the cooling gap through digitalisation	18	4/2023
"Selling pesticides like biscuits" – challenges of pesticide governance in Zambia	38	3/2023			
			<b>Energy</b>		
<b>Biodiversity</b>			Global energy flows in transition	06	1/2023
Saplings versus sea-level rise	36	3/2023	How global energy and fertiliser markets impact on food security	13	1/2023
Global Crop Diversity Summit 2023 – why seed banks matter	04	4/2023	Green hydrogen – new opportunities for sustainable development in the Global South?	16	1/2023
Biodiversity-smart agriculture – the role of labour requirements	36	4/2023	Biomass for energy and forest landscape restoration	19	1/2023
Woody weeds – the underestimated threat to biodiversity	42	4/2023	Boosting food system energy efficiency with private sector innovations	22	1/2023
			BioCNG made in India – not a flash in the pan!	24	1/2023
<b>Climate change</b>			Sinking houses in the Himalayas – hydropower projects to blame?	26	1/2023
Green hydrogen – new opportunities for sustainable development in the Global South?	16	1/2023			

## SUBJECTS

	PAGE	ISSUE		PAGE	ISSUE
Unlocking the potential of agrivoltaics	28	1/2023	Leveraging the potential of secondary cities	26	3/2023
“We want to create training and employment opportunities for the coming generations” – Interview with Edith Brasche, SUNfarming Group	30	1/2023	How effective are policy interventions in food environments?	28	3/2023
The global rush for green energy shouldn't undermine rights of pastoralist communities	33	1/2023	Food systems transformation in Vietnam – research and collaboration lay the foundation	30	3/2023
Producing nitrogen fertiliser with net-zero CO <sub>2</sub> emissions	36	1/2023	Welthungerhilfe's food system framework – a compass for practitioners	32	3/2023
			Igniting a spark for landscape restoration	34	3/2023
			Global Crop Diversity Summit 2023 – why seed banks matter	04	4/2023
			SDG Target 12.3 – where are the stumbling blocks?	06	4/2023
			“We have to align the transformation agenda with African realities” – Interview with Ousmane Badiane, Executive Chairperson and Acting Managing Director of AKADEMIYA2063	34	4/2023
<b>Environment</b>					
Sinking houses in the Himalayas – hydropower projects to blame?	26	1/2023			
Healthy planet, healthy people – is it achievable or a pipedream?	41	3/2023			
<b>Food security &amp; nutrition/ Food systems transformation</b>			<b>Food loss &amp; waste</b>		
How global energy and fertiliser markets impact on food security	13	1/2023	SDG Target 12.3 – where are the stumbling blocks?	06	4/2023
Do import restrictions really benefit the local poor in West Africa?	39	1/2023	Measuring food loss and waste – instruments, challenges and global perspectives	10	4/2023
Agri-food prices and international trade flows	06	2/2023	Why we need to go beyond technology	12	4/2023
Food price inflation, its causes and speculation risks	10	2/2023	Motivation factors for food waste reduction	14	4/2023
AMIS – enhancing food market transparency and policy coordination	13	2/2023	Unleashing the power of innovation – the WFP Innovation Accelerator	16	4/2023
Agricultural prices and food security – a complex relationship	14	2/2023	Bridging the cooling gap through digitalisation	18	4/2023
Strengthening the market linkages of smallholders in the face of global supply shocks	16	2/2023	“If we only rely on safe bets, we will miss out on big opportunities” – Interview with Wolfgang Mittmann, CEO Saving Grains	20	4/2023
Long-term fertilisation strategies for blended agricultural sustainability are needed	18	2/2023	Metal silo, beyond minimising food losses – Ethiopian experience	24	4/2023
Corporate power is growing in the industrial food chain	22	2/2023	Transforming by-products into resources – circular economy approaches for agricultural products	26	4/2023
The African Continental Free Trade Area – can the milestone live up to its promise?	27	2/2023	Turning cocoa waste into a high-quality product for confectionery	28	4/2023
Tapping intra-regional agricultural trade potentials in West Africa	30	2/2023	From innovation to upscaling – circular economy in the rural-urban nexus	30	4/2023
Markets for farmers and consumers, not for speculators and corporations	32	2/2023	From waste to wealth – biomass solutions (not only) for India's food loss challenge	32	4/2023
Food security corridors – a promising solution to conservation and resource-grabbing conflicts	36	2/2023			
Tropentag 2023: Competing pathways for equitable food systems transformation – trade-offs and synergies	04	3/2023	<b>Forestry/ Forest conservation</b>		
Transforming agricultural and food systems – why and how	06	3/2023	Biomass for energy and forest landscape restoration	19	1/2023
Policy coherence and food systems transformation	10	3/2023	Saplings versus sea-level rise	36	3/2023
Supporting governments in optimising agricultural spending and policies – FAO's MAFAP programme	12	3/2023			
Gender justice – a precondition for resilience	13	3/2023	<b>Gender</b>		
People-centred collaboration – four key principles for equity and sustainability in the food systems transformation	16	3/2023	Women's cooperative in the camel milk business shows resilience during drought	39	2/2023
“A system that is uniform is not resilient” – Interview with Elisabetta Recine, President of Brazil's National Council for Food and Nutrition Security (CONSEA)	18	3/2023	Gender justice – a precondition for resilience	13	3/2023
From vision to action – towards resilient food systems in Ethiopia's highlands	20	3/2023	The socio-economic effects of the commercialisation of African indigenous vegetables	24	3/2023
The socio-economic effects of the commercialisation of African indigenous vegetables	24	3/2023	Bridging the cooling gap through digitalisation	18	4/2023
			<b>Health/ One health</b>		
			Activating rural voices for effective implementation of tobacco control policies	42	1/2023
			High-hazard business	34	2/2023
			How effective are policy interventions in food environments?	28	3/2023

## SUBJECTS

	PAGE	ISSUE		PAGE	ISSUE
<b>Land management</b>			Food systems transformation in Vietnam – research and collaboration lay the foundation	30	3/2023
Biomass for energy and forest landscape restoration	19	1/2023	“Selling pesticides like biscuits” – challenges of pesticide governance in Zambia	38	3/2023
Food security corridors – a promising solution to conservation and resource-grabbing conflicts	36	2/2023	Measuring food loss and waste – instruments, challenges and global perspectives	10	4/2023
<b>Land-sea interactions</b>			Unleashing the power of innovation – the WFP Innovation Accelerator	16	2/2023
Saplings versus sea-level rise	36	3/2023	Metal silo, beyond minimising food losses – Ethiopian experience	24	4/2023
<b>Markets &amp; Trade</b>			From innovation to upscaling – circular economy in the rural-urban nexus	30	4/2023
How global energy and fertiliser markets impact on food security	13	1/2023	From waste to wealth – biomass solutions (not only) for India’s food loss challenge	32	4/2023
Do import restrictions really benefit the local poor in West Africa?	39	1/2023	Zero soil movement – adopting new techniques in potato production	39	4/2023
Agri-food prices and international trade flows	06	2/2023	<b>Rural-urban linkages</b>		
Food price inflation, its causes and speculation risks	10	2/2023	Leveraging the potential of secondary cities	26	3/2023
AMIS – enhancing food market transparency and policy coordination	13	2/2023	From innovation to upscaling – circular economy in the rural-urban nexus	30	4/2023
Agricultural prices and food security – a complex relationship	14	2/2023	<b>Rural development</b>		
Strengthening the market linkages of smallholders in the face of global supply shocks	16	2/2023	“We want to create training and employment opportunities for the coming generations” – Interview with Edith Brasche, SUNfarming Group	30	1/2023
Corporate power is growing in the industrial food chain	22	2/2023	The global rush for green energy shouldn’t undermine rights of pastoralist communities	33	1/2023
Global fertiliser price volatility – approaches to reduce vulnerability among countries in the Global South	24	2/2023	Do import restrictions really benefit the local poor in West Africa?	39	1/2023
The African Continental Free Trade Area – can the milestone live up to its promise?	27	2/2023	Food security corridors – a promising solution to conservation and resource-grabbing conflicts	36	2/2023
Tapping intra-regional agricultural trade potentials in West Africa	30	2/2023	From vision to action – towards resilient food systems in Ethiopia’s highlands	20	3/2023
Markets for farmers and consumers, not for speculators and corporations	32	2/2023	The socio-economic effects of the commercialisation of African indigenous vegetables	24	3/2023
<b>Private Sector / Public-private partnerships</b>			Leveraging the potential of secondary cities	26	3/2023
Boosting food system energy efficiency with private sector innovations	22	1/2023	Igniting a spark for landscape restoration	34	3/2023
“We want to create training and employment opportunities for the coming generations” – Interview with Edith Brasche, SUNfarming Group	30	1/2023	Why we need to go beyond technology	12	4/2023
Corporate power is growing in the industrial food chain	22	2/2023	Turning cocoa waste into a high-quality product for confectionery	28	4/2023
“If we only rely on safe bets, we will miss out on big opportunities” – Interview with Wolfgang Mittmann, CEO Saving Grains	20	4/2023	<b>Water</b>		
Turning cocoa waste into a high-quality product for confectionery	28	4/2023	Measuring human experiences with water to inform policy and practice	42	2/2023
<b>Research &amp; Innovation</b>					
Unlocking the potential of agrivoltaics	28	1/2023			
Producing nitrogen fertiliser with net-zero CO <sub>2</sub> emissions	36	1/2023			
Measuring human experiences with water to inform policy and practice	42	2/2023			
Tropentag 2023: Competing pathways for equitable food systems transformation – trade-offs and synergies	04	3/2023			

## AUTHORS

	PAGE	ISSUE		PAGE	ISSUE
Adelhardt, N. et al.: Unlocking the potential of agrivoltaics	28	1/2023	Gatto, M. et al.: Zero soil movement – adopting new techniques in potato production	39	4/2023
Algieri, B. et al.: Food price inflation, its causes and speculation risks	10	2/2023	Gausi, H. J. et al.: Activating rural voices for effective implementation of tobacco control policies	42	1/2023
Arora, M. and Gupta, N.: Motivation factors for food waste reduction	14	4/2023	Grass, I. et al.: Biodiversity-smart agriculture – the role of labour requirements	36	4/2023
Badiane, O. (Interview): “We have to align the transformation agenda with African realities”	34	4/2023	Gupta, N. and Arora, M.: Motivation factors for food waste reduction	14	4/2023
Bagchi, N. S.: Strengthening the market linkages of smallholders in the face of global supply shocks	16	2/2023	Hackfort, S. et al.: The socio-economic effects of the commercialisation of African indigenous vegetables	24	3/2023
Banda, E. E. et al.: Activating rural voices for effective implementation of tobacco control policies	42	1/2023	Hänke, H. et al.: Welthungerhilfe’s food system framework – a compass for practitioners	32	3/2023
Barjolle, D. et al.: Leveraging the potential of secondary cities	26	3/2023	Hinz, H.: Woody weeds – the underestimated threat to biodiversity	42	4/2023
Baudron, F. et al.: Biodiversity-smart agriculture – the role of labour requirements	36	4/2023	Höffler, H. et al.: Transforming agricultural and food systems – why and how	06	3/2023
Bexte, D. and Soth, J.: Transforming by-products into resources – circular economy approaches for agricultural products	26	4/2023	Hoffmann, H.: Tropentag 2023: Competing pathways for equitable food systems transformation – trade-offs and synergies	04	3/2023
Bingwa, B. et al.: Unlocking the potential of agrivoltaics	28	1/2023	Hoinkes, C.: High-hazard business	34	2/2023
Birner, R. et al.: “Selling pesticides like biscuits” – challenges of pesticide governance in Zambia	38	3/2023	Huynh, T. et al.: Food systems transformation in Vietnam – research and collaboration lay the foundation	30	3/2023
Birner, R. et al.: Biodiversity-smart agriculture – the role of labour requirements	36	4/2023	Huyskens-Keil, S. et al.: The socio-economic effects of the commercialisation of African indigenous vegetables	24	3/2023
Bizikova, L.: Policy coherence and food systems transformation	10	3/2023	Jaeckels, M. et al.: Boosting food system energy efficiency with private sector innovations	22	1/2023
Blumenthal, K. et al.: Boosting food system energy efficiency with private sector innovations	22	1/2023	Jensen, D.: BioCNG made in India – not a flash in the pan!	24	1/2023
Boysen-Urban, K. et al.: Agrifood prices and international trade flows	06	2/2023	Kadzamira, M. et al.: Activating rural voices for effective implementation of tobacco control policies	42	1/2023
Brasche, E. (Interview): “We want to create training and employment opportunities for the coming generations”	30	1/2023	Kaplan, T. et al.: Welthungerhilfe’s food system framework – a compass for practitioners	32	3/2023
Brogan, J. et al.: Measuring human experiences with water to inform policy and practice	42	2/2023	Kareem, F. O. and Kareem, O. I.: Agricultural prices and food security – a complex relationship	14	2/2023
Brüntrup, M.: Long-term fertilisation strategies for blended agricultural sustainability are needed	18	2/2023	Kareem, O. I. and Kareem, F. O.: Agricultural prices and food security – a complex relationship	14	2/2023
Bryan, E. et al.: Gender justice – a precondition for resilience	13	3/2023	Khalifeh, N. and Negro, J.: Unleashing the power of innovation	16	4/2023
Burke, W. J. et al.: Global fertiliser price volatility – approaches to reduce vulnerability among countries in the Global South	24	2/2023	Knöblsdorfer, I.: Do import restrictions really benefit the local poor in West Africa?	39	1/2023
Buss, R.: Global energy flows in transition	06	1/2023	Koottummel, J. et al.: Welthungerhilfe’s food system framework – a compass for practitioners	32	3/2023
Caro, P.: How effective are policy interventions in food environments?	28	3/2023	Kornher, L. et al.: Food price inflation, its causes and speculation risks	10	2/2023
Cerdan Castagnola, P. P. et al.: Transforming agricultural and food systems – why and how	06	3/2023	Kornher, L. et al.: The African Continental Free Trade Area – can the milestone live up to its promise?	27	2/2023
Chowdhry, K.: Corporate power is growing in the industrial food chain	22	2/2023	Kreuze, J. et al.: Zero soil movement – adopting new techniques in potato production	39	4/2023
Daum, T. et al.: “Selling pesticides like biscuits” – challenges of pesticide governance in Zambia	38	3/2023	Kubitza, C. et al.: The socio-economic effects of the commercialisation of African indigenous vegetables	24	3/2023
Daum, T. et al.: Biodiversity-smart agriculture – the role of labour requirements	36	4/2023	Kumeh, E. M.: Food security corridors – a promising solution to conservation and resource-grabbing conflicts	36	2/2023
Drechsler, D.: AMIS – enhancing food market transparency and policy coordination	13	2/2023	Lundy, M. et al.: Food systems transformation in Vietnam – research and collaboration lay the foundation	30	3/2023
Ehjeij, S. et al.: Agrifood prices and international trade flows	06	2/2023	Maier, J.: Markets for farmers and consumers, not for speculators and corporations	32	2/2023
Evangelista, R. et al.: Bridging the cooling gap through digitalisation	18	4/2023			
Flaig, D. et al.: Agrifood prices and international trade flows	06	2/2023			
Gabrielli, P. and Rosa, L.: Producing nitrogen fertiliser with net-zero CO <sub>2</sub> emissions	36	1/2023			

## AUTHORS

	PAGE	ISSUE		PAGE	ISSUE
Matofari, J. et al.: Women's cooperative in the camel milk business shows resilience during drought	39	2/2023	Rehbinder, B.: People-centred collaboration – four key principles for equity and sustainability in the food systems transformation	16	3/2023
Meinzen-Dick, R. et al.: Gender justice – a precondition for resilience	13	3/2023	Richter, S.: Global Crop Diversity Summit 2023 – why seed banks matter	05	4/2023
Mengesha, A.: Metal silo, beyond minimising food losses – Ethiopian experience	24	4/2023	Richter, S.: SDG Target 12.3 – where are the stumbling blocks?	06	4/2023
Mensah, K. et al.: Tapping intra-regional agricultural trade potentials in West Africa	30	2/2023	Ringler, C. et al.: Gender justice – a precondition for resilience	13	3/2023
Migeri, S. et al.: From innovation to upscaling – circular economy in the rural-urban nexus	30	4/2023	Rosa, L. and Gabrielli, P.: Producing nitrogen fertiliser with net-zero CO <sub>2</sub> emissions	36	1/2023
Milani, M. et al.: Biomass for energy and forest landscape restoration	19	1/2023	Rose, A. et al.: Zero soil movement – adopting new techniques in potato production	39	4/2023
Miller, C. et al.: Biomass for energy and forest landscape restoration	19	1/2023	Sánchez, Marco V.: Supporting governments in optimising agricultural spending and policies – FAO's MAFAP programme	12	3/2023
Miller, J. D. et al.: Measuring human experiences with water to inform policy and practice	42	2/2023	Saraswat, S. and Vijay, V.: From waste to wealth – biomass solutions (not only) for India's food loss challenge	32	4/2023
Mittmann, W. (Interview): "If we only rely on safe bets, we will miss out on big opportunities"	20	4/2023	Schelle, C. et al.: Bridging the cooling gap through digitalisation	18	4/2023
Monroy Gómez, J. et al.: Leveraging the potential of secondary cities	26	3/2023	Schuffenhauer, A. et al.: Tapping intra-regional agricultural trade potentials in West Africa	30	2/2023
Morese, M. et al.: Biomass for energy and forest landscape restoration	19	1/2023	Schurer, S. et al.: Boosting food system energy efficiency with private sector innovations	22	1/2023
Muyanga, M. et al.: Global fertiliser price volatility – approaches to reduce vulnerability among countries in the Global South	24	2/2023	Schwarze, L. et al.: "Selling pesticides like biscuits" – challenges of pesticide governance in Zambia	38	3/2023
Negro, J. and Khalifeh, N.: Unleashing the power of innovation	16	4/2023	Seitz, V. and Zimmermann, B.: From vision to action – towards resilient food systems in Ethiopia's highlands	20	3/2023
Ninan, K. N.: Healthy planet, healthy people – is it achievable or a pipedream?	41	3/2023	Shee, A. et al.: Measuring food loss and waste – instruments, challenges and global perspectives	10	4/2023
Nyirenda, Z. B. et al.: Global fertiliser price volatility – approaches to reduce vulnerability among countries in the Global South	24	2/2023	Sieg, K.: Saplings versus sea-level rise	36	3/2023
Nyondo, C. et al.: Global fertiliser price volatility – approaches to reduce vulnerability among countries in the Global South	24	2/2023	Singh, N. et al.: Zero soil movement – adopting new techniques in potato production	39	4/2023
Odjo, S. and Ostermann, H.: Why we need to go beyond technology	12	4/2023	Singh, S. et al.: Bridging the cooling gap through digitalisation	18	4/2023
Opiyo, A. M. et al.: The socio-economic effects of the commercialisation of African indigenous vegetables	24	3/2023	Six, J. et al.: From innovation to upscaling – circular economy in the rural-urban nexus	30	4/2023
Ostermann, H. and Odjo, S.: Why we need to go beyond technology	12	4/2023	Soth, J. and Bexte, D.: Transforming by-products into resources – circular economy approaches for agricultural products	26	4/2023
Parmar, A. et al.: Measuring food loss and waste – instruments, challenges and global perspectives	10	4/2023	Soth, J. and Witteveen, A.: Igniting a spark for landscape restoration	34	3/2023
Parmar, A. et al.: Women's cooperative in the camel milk business shows resilience during drought	39	2/2023	Späth, L. et al.: From innovation to upscaling – circular economy in the rural-urban nexus	30	4/2023
Parvaiz, A.: Sinking houses in the Himalayas – hydropower projects to blame?	26	1/2023	Stamm, A. and Strohmaier, R.: Green hydrogen – new opportunities for sustainable development in the Global South?	16	1/2023
Paul, B. et al.: Transforming agricultural and food systems – why and how	06	3/2023	Stehr, H. et al.: Unlocking the potential of agrivoltaics	28	1/2023
Pham, H. et al.: Food systems transformation in Vietnam – research and collaboration lay the foundation	30	3/2023	Strubenhoff, H.: How global energy and fertiliser markets impact on food security	13	1/2023
Phiri, T. et al.: Activating rural voices for effective implementation of tobacco control policies	42	1/2023	Sturm, B. et al.: Measuring food loss and waste – instruments, challenges and global perspectives	10	4/2023
Po, J. et al.: Women's cooperative in the camel milk business shows resilience during drought	39	2/2023	Tadicha Wario, H.: The global rush for green energy shouldn't undermine rights of pastoralist communities	33	1/2023
Prytherch, H. et al.: Leveraging the potential of secondary cities	26	3/2023	Tokplen, N. et al.: Boosting food system energy efficiency with private sector innovations	22	1/2023
Qaim, M. et al.: Biodiversity-smart agriculture – the role of labour requirements	36	4/2023	van Zutphen-Küffer, K. G. et al.: Leveraging the potential of secondary cities	26	3/2023
Raut, S. et al.: Measuring food loss and waste – instruments, challenges and global perspectives	10	4/2023	Vijay, V. and Saraswat, S.: From waste to wealth – biomass solutions (not only) for India's food loss challenge	32	4/2023
Recine, E. (Interview): "A system that is uniform is not resilient"	18	3/2023	von Braun, J. et al.: Food price inflation, its causes and speculation risks	10	2/2023

## AUTHORS

---

	PAGE	ISSUE		PAGE	ISSUE
von Braun, J. et al.: The African Continental Free Trade Area – can the milestone live up to its promise?	27	2/2023			
Wassie, M. et al.: The African Continental Free Trade Area – can the milestone live up to its promise?	27	2/2023			
Wilcke, A.: Turning cocoa waste into a high-quality product for confectionery	28	4/2023			
Wittern, J. et al.: Tapping intra-regional agricultural trade potentials in West Africa	30	2/2023			
Witteveen, A. and Soth, J.: Igniting a spark for landscape restoration	34	3/2023			
Wolf, S. et al.: Unlocking the potential of agrivoltaics	28	1/2023			
Young, S. L. et al.: Measuring human experiences with water to inform policy and practice	42	2/2023			
Zimmermann, B. and Seitz, V.: From vision to action – towards resilient food systems in Ethiopia's highlands	20	3/2023			