

# COMMON GROUND

Securing land  
rights and  
safeguarding  
the earth



A Global Call to Action  
on Indigenous and  
Community Land Rights

Written by Fred Pearce, writer and journalist

Cover and chapter illustrations kindly provided by Abel Rodríguez and Tropenbos International (Annual Cycle of the Flooded Rainforest. Tropenbos International Colombia's Archive).

Abel Rodríguez is an elder of the Nonuya people, an indigenous group from the mid Caquetá River in Colombia. He is an outstanding botanist and artist and has a vast knowledge and understanding of the Amazonian ecosystem. Abel has been part of the local research programme of Tropenbos International Colombia for many years. He began in the 1980s as a guide for researchers, where he had the opportunity to explain multiple aspects of the local flora to the scientists. For the last two decades Abel has put his knowledge on paper through drawings and produced detailed studies on the variety of reeds and lianas, palm trees, timber and non-timber trees and cultivated plants in the Amazon forest.

Design by Lucy Peers

Citation: Oxfam, International Land Coalition, Rights and Resources Initiative. 2016. Common Ground. Securing Land Rights and Safeguarding the Earth. Oxford: Oxfam.

Published by Oxfam GB for Oxfam International, International Land Coalition and Rights and Resources Initiative under ISBN 978-0-85598-676-6 in March 2016.

Oxfam GB, Oxfam House, John Smith Drive, Cowley, Oxford, OX4 2JY, UK.

© Oxfam International, International Land Coalition and Rights and Resources Initiative 2016

# COMMON GROUND

Securing land rights and  
safeguarding the earth

A Global Call to Action on Indigenous  
and Community Land Rights

March 2016

# Acknowledgements

This report is the product of a wide collaboration.

The publishers acknowledge the contribution of the following members of the Steering Group of the Global Call to Action on Indigenous and Community Land Rights:

Joan Carling, Joji Cariño, Kysseline Cherestal, Rachael Knight, Ruth Meinzen-Dick, Fred Nelson, Samuel Nguiffo, Sabine Pallas, Duncan Pruett, Richard Smith, Philippine Sutz, Peter Veit, Tony La Viña and Liz Alden Wily.

The publishers also thank the following people for their feedback or input:

Oscar Ayala, Stefania Battistelli, Frank Boeren, Marena Brinkhurst, Stephanie Burgos, Julia Cabello, Chloe Christman, Ross Clarke, Ilona Coyle, Nadia Daar, Rashmini Desilva, Jenna Di Paolo Colley, Gustavo Ferroni, Judith Fischer, Laura Fukumoto, Kate Geary, Claire Godfrey, Tim Gore, Emily Greenspan, Tom Griffiths, Renée Hagen, Robeliza Halip, Shona Hawkes, Simon Hernandez-Arthur, Hugo Hooijer, Marita Hutjes, Gawain Kripke, Steven Lawry, Peter Lewis, Asisah Man, Luca Miggiano, Nicolas Mombrial, Bart Monnens, Everlyne Nairesiae, Maria Ojanen, Gaynor Paradza, Annaka Peterson, Vladimir Pinto, Ed Pomfret, Jagdeesh Rao Puppala, Katie Reyter, Bernice See, Michael Taylor, Carolina Thiede, Helen Tugendhat, Monique Van Zijl, Jitske Varkevisser, Stefan Verwer, Ashley Von Anrep, Emma Wadley, Rebecca Wangari, Andy White, and Pubudini Wickramaratne.

The publishers thank the Organization for the Promotion of Kui Culture for their contribution and the World Resources Institute and LandMark for the use of their maps.

Any mistakes in the report remain the sole responsibility of the author and publishers.

The development of this report was managed by Luca Miggiano, with the support of Renée Hagen.

The information in this publication is correct at the time of going to press.

This work is licensed under a Creative Commons Attribution License CC BY 4.0.

The views here are not necessarily shared by the agencies that have generously supported this work, and do not constitute official positions of the International Land Coalition or its members, or the Rights and Resources Initiative and its Partners.

If you would like further information, or to sign up to the Global Call to Action on Indigenous and Community Land Rights, please visit [www.landrightsnow.org](http://www.landrightsnow.org).

## About



The **International Land Coalition** (ILC) is a global alliance of civil society and intergovernmental organizations working together to put people at the centre of land governance. The shared goal of ILC's 207 members is to realize land governance for and with people at the country level, responding to the needs and protecting the rights of the women, men and communities who live on and from the land.

For more information, please visit [www.landcoalition.org](http://www.landcoalition.org).



**OXFAM**

**Oxfam** is an international confederation of 20 organizations networked together in more than 90 countries as part of a global movement for change, to build a future free from the injustice of poverty.

For more information, please visit [www.oxfam.org](http://www.oxfam.org).



The **Rights and Resources Initiative** (RRI) is a global coalition of 13 partners and more than 150 international, regional, and community organizations advancing forest tenure, policy and market reforms. RRI leverages the strategic collaboration and investment of its partners and collaborators around the world by working together on research, advocacy and convening strategic actors to catalyse change on the ground. RRI is coordinated by the Rights and Resources Group, a non-profit organization based in Washington, D.C.

For more information, please visit [www.rightsandresources.org](http://www.rightsandresources.org).

# Contents

Acronyms	6
Summary	7
Foreword	8
<b>A COLLECTIVE VOICE THAT MUST BE HEARD NOW</b>	<b>10</b>
<b>WHY INDIGENOUS AND COMMUNITY LAND RIGHTS MATTER FOR EVERYONE</b>	<b>14</b>
For rights and development	15
Forests	16
Pastures	21
The corporate risk of insecure tenure	24
More triumph than tragedy in the commons	25
<b>PROGRESS OR RETREAT? WHAT IS HAPPENING ON THE GROUND</b>	<b>26</b>
The gap that must be closed	28
Policy reform	30
Courts respond to community pressure	31
Women demand their land	33
Securing community land rights through grassroots legal empowerment	36
<b>WHAT DO WE NEED TO CHANGE?</b>	<b>40</b>
From law to action	41
A Global Call to Action on Indigenous and Community Land Rights	43
Annex I	47
Endnotes	48

## Figures

<b>Figure 1:</b> Carbon storage and indigenous territories in Brazil	19
<b>Figure 2:</b> <i>Comunidades Agrarias</i> and <i>Ejidots</i> in Mexico	23
<b>Figure 3:</b> Recognition of indigenous and community lands, Africa	28
<b>Figure 4:</b> Securing community land rights through grassroots legal empowerment	37
<b>Figure 5:</b> Land facts	39
<b>Figure 6:</b> Land recognized as owned by indigenous peoples and local communities	43

## Boxes

<b>Box 1:</b> What are indigenous and community lands?	12
<b>Box 2:</b> Cambodia	20
<b>Box 3:</b> Guatemala's community forests	20
<b>Box 4:</b> Mongolia leads the way	22
<b>Box 5:</b> Reviving Spanish pastures	22
<b>Box 6:</b> A supply chain revolution?	25
<b>Box 7:</b> Land grabs	30
<b>Box 8:</b> Cameroon	32
<b>Box 9:</b> Blood on the soil	34
<b>Box 10:</b> Indian rights on a knife edge	35
<b>Box 11:</b> Paraguay	38
<b>Box 12:</b> Recommendations for action	44

# Acronyms

<b>ACOFOP</b>	Asociación de Comunidades Forestales de Petén (Association of Forest Communities of Petén)
<b>AGARBALE</b>	Asociación de Ganadería Extensiva de la Reserva de la Biosfera de los Ancares Leoneses (Reserve Association for Extensive Livestock Farming)
<b>AMAN</b>	Aliansi Masyarakat Adat Nusantara (Indigenous Peoples Alliance of the Archipelago)
<b>COICA</b>	Coordinadora de las Organizaciones Indígenas de la Cuenca Amazónica (Coordinator of Indigenous Organizations of the Amazon River Basin)
<b>DRC</b>	Democratic Republic of Congo
<b>IFPRI</b>	International Food Policy Research Institute
<b>ILC</b>	International Land Coalition
<b>IUCN</b>	International Union for Conservation of Nature
<b>LAO PDR</b>	Lao People's Democratic Republic
<b>NGO</b>	Non-governmental organization
<b>PARL</b>	People's Alliance for Right to Land
<b>REDD</b>	Reduced emissions from deforestation and forest degradation
<b>RRI</b>	Rights and Resources Initiative
<b>UNDRIP</b>	United Nations Declaration on the Rights of Indigenous Peoples
<b>UNEP</b>	United Nations Environment Programme
<b>WRI</b>	World Resources Institute



## Summary

Up to 2.5 billion people depend on indigenous and community lands, which make up over 50 percent of the land on the planet; they legally own just one-fifth. The remaining five billion hectares remain unprotected and vulnerable to land grabs from more powerful entities like governments and corporations. There is growing evidence of the vital role played by full legal ownership of land by indigenous peoples and local communities in preserving cultural diversity and in combating poverty and hunger, political instability and climate change. The importance of protecting and expanding indigenous and community ownership of land has been a key element in the negotiations of the Sustainable Development Goals and the Paris Agreement on climate change, and is central to their successful implementation. This report launches a Global Call to Action on Indigenous and Community Land Rights, backed by more than 300 organizations all over the world. It is a manifesto of solidarity with the ongoing struggles of indigenous peoples and local communities seeking to secure their land rights once and for all.

“

These lands are our livelihoods. From these lands we were able to harvest resources. The land belonged to us, the water belonged to us. From this, we were able to live. When we had common land we felt free.

”

**Mansa Ram,**  
local leader from  
Kayarakhet village,  
Udaipur, India whose  
community lands have  
been under threat

## Foreword

Insecure land rights are a global crisis – for the millions of indigenous peoples and local communities who risk losing their lands and livelihoods, and for humanity as a whole, undermining our ability to confront climate change, food insecurity, poverty and political instability, and to protect the diversity of life, culture and language that brings beauty and meaning to all of our lives.

Although there has been progress in many countries, commitments to respect the rights of indigenous peoples and local communities often remain empty promises. Forest, water, rangeland and mineral resources continue to be the primary target of rapidly expanding investments and ‘development’ projects that displace indigenous peoples and local communities. Women in particular suffer from the insecurity of these rights, and are still far from enjoying an equal role to men in shaping community governance and national policies. The growing number of people killed for defending their land is a stark reminder of the huge challenge, and unspeakable violence, faced by many around the world who are displaced or denied a voice in the decisions affecting their lands – and their lives.

New analysis shows that despite a history of customary use and ownership of over 50 percent of the world’s land area, the world’s indigenous peoples and local communities – up to 2.5 billion women and men – possess ownership rights to just one-fifth of the land that is rightfully theirs.

This catastrophic gap in recognition explains much of the disenfranchisement, poverty, human rights violations and conflict found across the world. It is why we are issuing a global call to action: an unprecedented mobilization of the millions of indigenous peoples and local communities, governments, international organizations, corporate and other private sector actors, civil society, social movements, research and other institutions, and citizens across the world to secure and respect the land rights of indigenous peoples and local communities.

Securing those land rights is essential to achieving a just and equitable world. From health to education, participation to peace, growth to cultural diversity and gender justice, proper recognition of the land rights of indigenous peoples and local communities is fundamental to achieving any truly sustainable development in a habitable climate.

Together, we can and must support the land struggles of communities. Only in this way can they realize their fundamental human rights.

Join us in this journey at [www.landrightsnow.org](http://www.landrightsnow.org).

Sincerely,



**Liz Alden Wily**, Independent tenure expert

**Katia Araujo**, Director of Programs, Huairou Commission

**Joji Cariño**, Executive Director, Forest Peoples Programme

**Joan Carling**, Executive Director, Asian Indigenous Peoples Pact

**Richard Chase Smith**, Executive Director, Instituto del Bien Común, Member of Red Amazónica de Información Socioambiental (RAISG) and LandMark

**Myrna Cunningham**, President, Centro para la Autonomia y el Desarrollo de los Pueblos Indigenas

**Rachael Knight**, Director of the Community Land Protection Program, Namati

**Ruth Meinzen-Dick**, Senior Research Fellow, International Food Policy Research Institute (IFPRI) and Collective Action and Property Rights (CAPRI) Program

**Fred Nelson**, Executive Director, Maliasili Initiatives

**Michael Ochieng Odhiambo**, Independent tenure expert

**Sabine Pallas**, Women's Land Rights and Gender Justice Programme Officer, Secretariat of the International Land Coalition

**Duncan Pruett**, Senior Land Rights Advisor, Oxfam

**Ghan Shyam Pandey**, Coordinator, Global Alliance of Community Forestry

**Vicky Tauli-Corpuz**, United Nations Special Rapporteur on the Rights of Indigenous Peoples

**Peter Veit**, Director, Land and Resource Rights Initiative, World Resources Institute

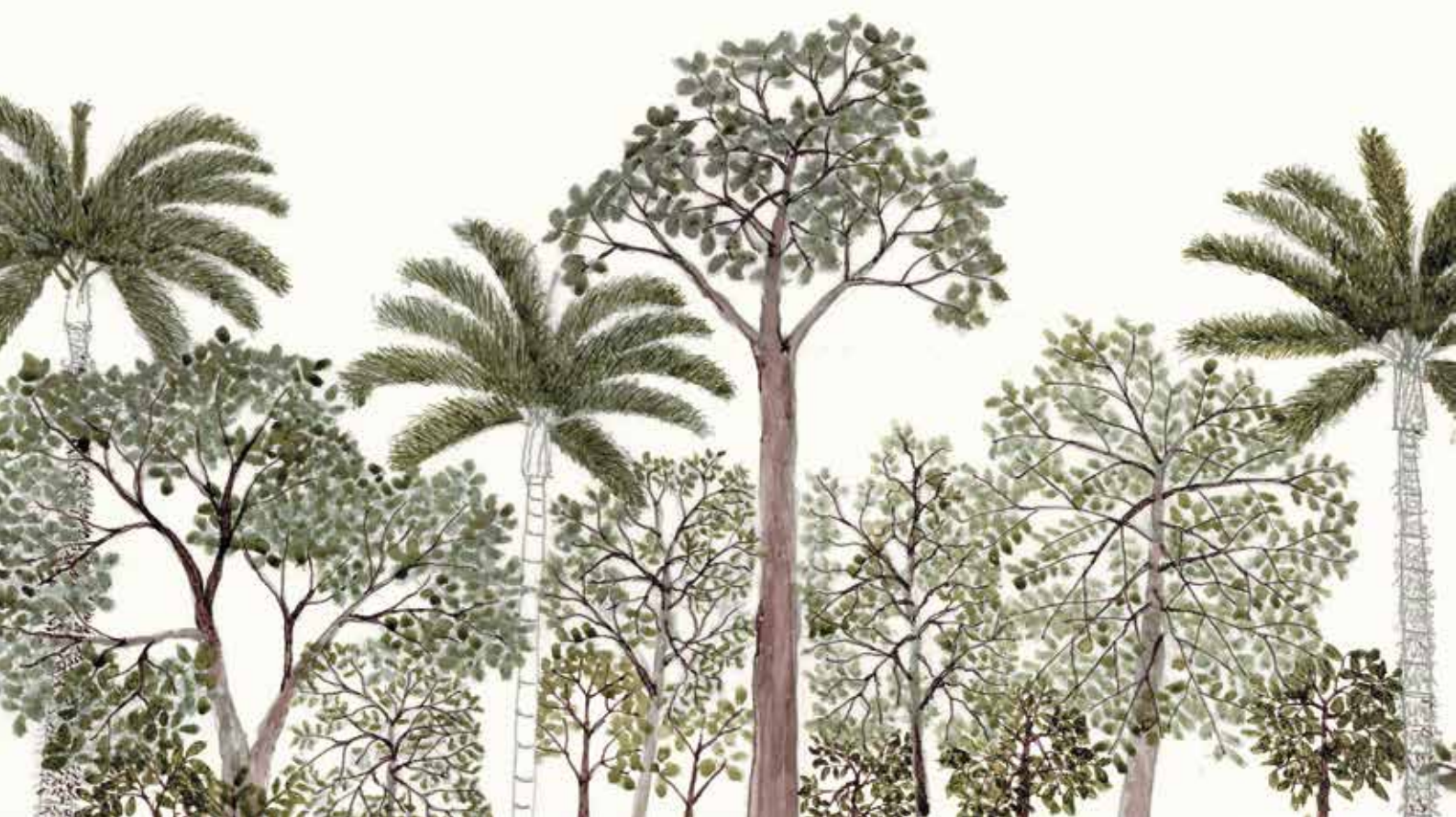
**Andy White**, Coordinator, Rights and Resources Initiative

On behalf of the Steering Group of the Global Call to Action on Indigenous and Community Land Rights

This foreword is also endorsed by:



# **A COLLECTIVE VOICE THAT MUST BE HEARD NOW**



**‘These forests are our life, but they are being taken from us. Outsiders have a financial view of the land. They see it as money. We see it as life. We have to win... for the future of our people.’**

Nicholas Fredericks, Wapichan people, Guyana

A voice is being heard with increasing force around the world. It is the voice of women and men from the forests, of those who herd their livestock across open rangelands, and of millions of smallholders. They want their rights to their traditional lands recognized and restored. And they need the rest of the world to listen.

Securing the land rights of indigenous peoples and local communities is critical, not just for the people themselves, but also for creating more equitable and prosperous societies and for tackling environmental priorities.

The voices of people and communities on land rights was heard ever more strongly in 2015: during negotiations on the Sustainable Development Goals in New York, where ‘ownership and control of land’ emerged as a key target; and again during climate negotiations for the Paris Agreement, which declared that the ‘knowledge, technologies, practices and efforts of local communities and indigenous peoples’ was vital in fighting climate change.

These traditional lands are in crisis. Less than one-fifth of them are currently under community ownership.<sup>1</sup> Increasingly in recent years, governments, mining companies, speculators, agribusinesses and powerful local elites have been appropriating forests, pastures, shores and other community-owned resources from their rightful owners.

Now is the time to right this wrong. Secure community land rights are the source of food, medicines and construction materials, as well as wealth, welfare, culture, identity, community cohesion and spirituality for up to 2.5 billion people.<sup>2</sup> Land grabs are fuelling conflicts in dozens of countries<sup>3</sup> – conflicts in which communities who assert their rights are frequently subject to violence and the assassination of their leaders.<sup>4</sup>

This is unjust, and, as this report explores, it matters for everyone.

It matters for nations, because indigenous and community land rights are a precondition for sustainable development. Their recognition makes nations more stable, reduces risks for investment in economic development and spreads the benefits from natural resources more widely and fairly.<sup>5</sup>

Land matters globally. Because the forests, pastures and other lands traditionally owned by indigenous peoples and local communities are a global resource. The vital planetary services they provide – whether for fighting climate change, protecting biodiversity or maintaining natural resources – are usually best secured under the stewardship of traditional owners.<sup>6</sup>

To many people, the idea of community lands is archaic. They are seen as barriers to progress and environmental protection, doomed to disappear. But this is wrong; there is no contradiction between a healthy economy and the recognition of land rights.

“

The struggle for a stable climate and the restoration of our global life support systems cannot succeed without secure indigenous and community land rights.

”

**Stephanie Brancaforte,**  
Greenpeace, Global Campaign Leader for Climate and Energy

In fact, they are indivisible. In an increasingly crowded world, the task of protecting them is urgent.

This report is a global call to action for securing indigenous and community lands – in law and in practice. We make this call to demand social justice, and as a pragmatic approach to sharing and effectively managing our planet’s resources. Our initial target is to double the area of land recognized as owned or controlled by indigenous peoples and local communities by 2020. This would not represent a full recognition of customary land rights, but it would be a start.

Men from Kayarakhet village in India walk around their 340 hectares of forest land, protecting it from those trying to steal resources (2015). If caught, those stealing will be fined for breaking community law. Photo: ILC/Jason Taylor



### Box 1: What are indigenous and community lands?<sup>7</sup>

Indigenous and community lands are lands used, managed or governed *collectively*, under community-based governance. This governance is often based on longstanding traditions defining, distributing and regulating rights to land, individually or collectively, and is usually referred to as customary or indigenous land tenure. Community lands are owned and managed by a variety of women and men, usually farmers, pastoralists, hunter-gatherers, fisher-folk and others using resources such as forests, water bodies and pastures as a common resource. But they are not static. Every generation adjusts how they use the land to meet new needs and aspirations. Indigenous and community lands are as important to the future as to the past.

Terms used in this report also include:

**‘Indigenous peoples’**, which is a common denominator for more than 5,000 distinct peoples who identify themselves as indigenous peoples. Indigenous peoples are descended from populations who inhabited a given country or region before the time of colonisation or establishment of state boundaries. Their relationship with their lands and territories is of special importance for their cultures and spiritual values. Indigenous peoples enjoy distinct rights under international human rights law (ILO Convention No. 169, and the United Nations Declaration on the Rights of Indigenous Peoples).<sup>8</sup> Yet their rights to lands and territories are often denied.

**‘Local communities’**, which here refers to all land-dependent communities. While communities vary in size, identity, internal equity and land-use systems, they all share strong connections to their lands, and distribute rights according to norms which they themselves devise. ‘Local communities’ are referred to in international agreements such as the Convention on Biological Diversity and the 2015 Paris Agreement on climate change.

**‘Commons’**, which are lands that communities maintain as their shared property. As such, they can be considered the heart of indigenous and community lands. Some indigenous peoples and local communities use *all* their land as shared property. Others do not, and allocate lands to individuals and families within the community; however, the community exercises jurisdiction over the entire lands, which are held and managed collectively. Lands for grazing and wildlife, forests and woodlands, mountaintops, sacred sites, lakes and rivers are usually retained as shared property. These lands are the most vulnerable to land grabbing.

**‘Customary tenure’**, which refers to the rules and norms which communities devise and uphold to regulate how their lands are acquired, owned, used and transferred. Many rules and norms are tested over generations (hence ‘traditions’ or ‘customs’).

**‘Customary law’**, which refers to norms which have force within the community. When national legislation recognizes that customary law has force, the rules also become part of statutory law.<sup>9</sup>

**‘Community-based tenure’**, which refers to situations in which the right to own or manage land is held at the community level.<sup>10</sup> It includes tenure regimes that are expressly based on customary law and tenure regimes where the statutory basis for the shared ownership of natural resources is not based in customary law. As such, this term encompasses a wider range of situations than those defined by ‘indigenous and community lands’, and includes more recent regimes, such as forestry collectives in China, which do not derive exclusively from customs. From an analytical point of view, this is the most appropriate way to track a wide range of communities from different jurisdictions, reflecting a variety of political, cultural and historical contexts. The emphasis of this report, however, is on the rights of peoples and communities that have a strong customary connection with their lands.

**‘Land rights’**, which refers to the rights of people to land, either individually or collectively. These rights include the rights of access, withdrawal, management, exclusion, alienation, and others. They can also include the rights to various natural resources on and below the surface of the land. Land rights, particularly in the context of agrarian countries, are inextricably linked with the right to food and a host of other human rights. In many instances, the right to land is bound up with a community’s identity, its livelihood and thus its very survival.

# **WHY INDIGENOUS AND COMMUNITY LAND RIGHTS MATTER FOR EVERYONE**





## For rights and development

The case for recognizing, securing and strengthening the land rights of indigenous peoples and local communities is fundamentally a matter of human rights.<sup>11</sup> It is their land.

This is particularly true for indigenous peoples, for whom international law recognizes the human right to access and control their customary land. This right is enshrined in the 2007 UN Declaration on the Rights of Indigenous Peoples (UNDRIP), which stresses that the collective right ‘to the lands, territories and resources which they have traditionally owned, occupied or otherwise used or acquired... constitute(s) the minimum standards for the survival, dignity and well-being of the indigenous peoples of the world’.

UNDRIP adds that ‘no relocation shall take place without the free, prior and informed consent of the indigenous peoples concerned’.<sup>12</sup> This principle is now increasingly regarded as applying more generally to local communities. It is enshrined in several corporate pledges of social responsibility, as well as UN social safeguards, such as the forest provisions of the UN climate programme.

Such rights need to be upheld firmly and universally in their own terms. But it is becoming equally clear that recognizing traditional lands has a wider benefit to society and to the health of the planet. Moreover, insecure and undocumented land rights are a major threat to stability, cohesion, development and ecological health in large areas of the world.<sup>13</sup>



A young woman from the Van Gujjar nomadic tribe in India. The tribe is under threat due to the creation of national parks, with park authorities trying to keep nomads out of protected wilderness where they have previously roamed. Photo: Michael Benanav

### A precondition for development

Secure land rights are a precondition for development. They increase incomes and resilience, and advance a range of social benefits, from education to health and food security, for the communities which benefit from them.<sup>14</sup>

Moreover, the benefits extend beyond those communities. Nations that recognize and enforce land rights achieve greater and fairer economic growth – a benefit made more sustainable because secure land rights help to deliver environmental protection.<sup>15</sup>

Secure land rights also fill stomachs. A detailed analysis of its 2012 Global Hunger Index by the International Food Policy Research Institute (IFPRI) found that land rights correlate well with an absence of hunger. Most recent land grabs have been in countries with a hunger ranking of ‘alarming’ or ‘serious’, the analysis found. They include Cambodia, Lao PDR and Liberia.<sup>16</sup>

A frequent charge against collective ownership of pastures and forests is that it locks people into poverty. In reality, community tenure – either through collective rights or individual rights under community jurisdiction – is often much more productive than national statistics suggest. This is partly because national statistics typically only count cash sales or income that is taxed.

Around half of rural households in India derive part of their income from resources on common or state lands often officially categorized as wastelands.<sup>17</sup> For example, millions of rural Indians live by harvesting wild bamboo. Community lands may also have huge value for tourism. But national statistics rarely capture this.<sup>18</sup>

### **Insecure land rights hold back economic activity**

The World Bank reported in 2013 that economic growth in Africa is being held back by poor land governance. It said, ‘90 percent of Africa’s rural land is undocumented [...] making it highly vulnerable to land grabbing and expropriation.’ It linked this directly to the continent’s high poverty rates, in which almost half the population lives on less than \$1.25 a day.<sup>19</sup>

‘African countries and their communities could effectively end land grabs, grow significantly more food across the region, and transform their development prospects if they can modernize the complex government procedures that govern land ownership and management,’ the Bank concluded. Modernization, it said, required not the removal of rights from communities but the ‘documentation of communal lands [...] recognizing customary land rights [and] regularizing tenure rights on public land’.<sup>21</sup>

This is about more than modernization. It is about power and rights. What is clear is that insecure land rights are bad for communities and for economies, generating conflicts that make investment risky and real human development impossible.<sup>22</sup>

“  
**90%**  
of Africa’s  
rural land is  
undocumented  
[...] making it  
highly vulnerable  
to land grabbing  
and expropriation.  
”  
The World Bank<sup>20</sup>

## **Forests**

Brazil’s indigenous peoples, who include groups such as the Yanomami and Kayapo, now have their own legally recognized lands. Since 1980, the Brazilian government has approved more than 300 territories where indigenous peoples have the right to exclude soy farmers, ranchers, gold miners and other outsiders, and to use their forests for their own needs. These territories now cover one-fifth of the Brazilian Amazon, though many indigenous claims outside the Amazon remain pending.<sup>23</sup>

This is good for the people and good for the forests.<sup>24</sup> Over the past 15 years, deforestation rates in these territories have been less than one-tenth of those in the rest of the Brazilian Amazon.<sup>25</sup> The territories ‘appear particularly effective at curbing high deforestation pressure relative to [...] strictly protected areas’, concluded one recent study. These territories are also said to outperform state-protected areas.<sup>26</sup>

From Brazil and elsewhere, evidence is mounting that where they have secure tenure, communities and indigenous peoples are often the most capable custodians of the planet's natural capital.<sup>27</sup> A review of 130 local studies in 14 countries, conducted jointly by the Rights and Resources Initiative (RRI) and the World Resources Institute (WRI), found that community-run forests suffer less deforestation and store more carbon than other forests.<sup>28</sup> Another international study found that state-protected areas are deforested on average four times faster than neighbouring community forests.<sup>29</sup>

This evidence contradicts decades of conservation thinking, which long held that forest communities were widely responsible for deforestation through shifting cultivation. Research now shows that under most circumstances, forests swiftly regrow after cultivators move on.<sup>30</sup> Indeed, the most pristine forest in the tropics has regrown following such cultivation.<sup>31</sup>

The evidence also contradicts decades of conservation practice in which governments, often at the urging of environmental groups, have removed indigenous peoples and local communities from forests in the name of environmental protection. The scale of this dispossession – and the resulting hunger and poverty – remains undocumented, but has undoubtedly affected millions of women and men.<sup>32</sup>

Around 15 percent of the land area of the planet is now 'protected' through state law.<sup>33</sup> About half of the areas so protected in the past 40 years overlap with the traditional territories of indigenous peoples, while many more impinge on areas claimed by other rural communities.<sup>34</sup> The Convention on Biological Diversity says that governments should 'protect and encourage customary use of biological resources in accordance with traditional cultural practices that are compatible with conservation and sustainable uses practices'.<sup>35</sup>

“

If you want to stop deforestation, give legal rights to communities.

”

**Andrew Steer,**  
Director of the  
World Resources  
Institute



A child plays at a logging compound in Turubu Bay, East Sepik Province, Papua New Guinea (2013). Photo: Vlad Sokhin

As the Director of the WRI, Andrew Steer, put it, ‘If you want to stop deforestation, give legal rights to communities.’<sup>36</sup> Yet, according to the UN Environment Programme (UNEP), less than a quarter of the world’s national parks have any form of community management.<sup>37</sup>

### **Fighting climate change**

The ecological benefits provided by forests are well known. They are carbon stores,<sup>38</sup> watershed managers, weather moderators and repositories of biodiversity.<sup>39</sup> However, outsiders have only recently appreciated that communities are best at conserving forests.

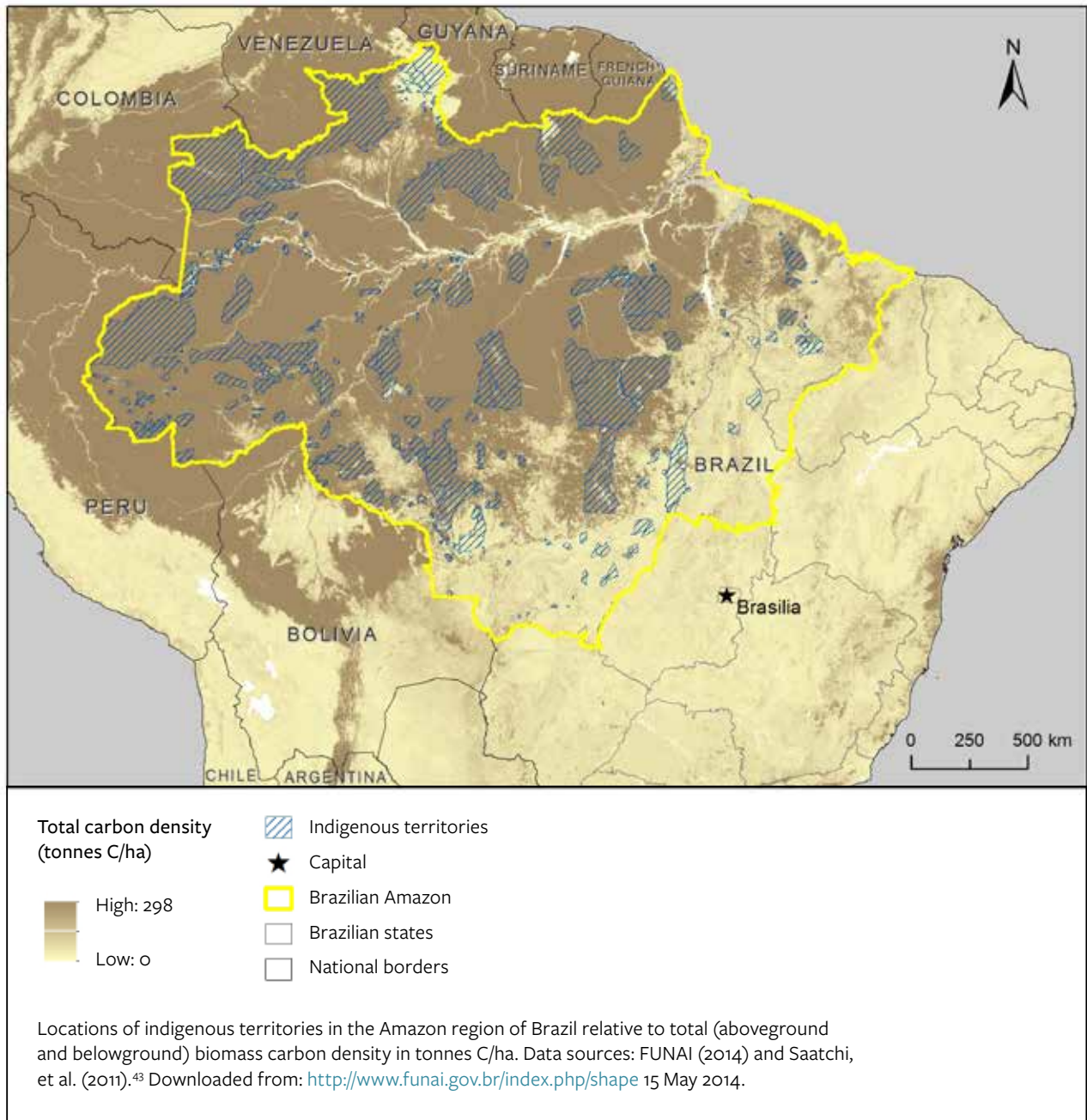
This is now gaining attention, and was particularly important during the climate negotiations in late 2015. The resulting Paris Agreement refers to the rights of indigenous peoples and local communities, and recognizes ‘the need to strengthen knowledge, technologies, practices and efforts of local communities and indigenous peoples related to addressing and responding to climate change’.<sup>40</sup>

In Paris, many of the national emissions pledges made reference to the potential of forests as carbon sinks, but few mentioned the importance of community management in their successful protection, or set strategies for local land control as a means of mitigating climate change.

The agreement includes further support for a programme known as Reduced Emissions from Forests and Forest Degradation (REDD), under which forests are protected as carbon sinks. This could be good for communities with secure land tenure, which may be able to make money from the carbon sequestration capacity of their forests. But the risk is that such schemes are sidelining forest communities, especially in countries where legal systems do not currently protect indigenous and community land rights.<sup>41</sup>

As argued by the Coordinator of the Indigenous Organizations of the Amazon River Basin (COICA), schemes to protect forests as carbon sinks must recognize customary land rights and the need for communities to own and profit from their carbon assets.<sup>42</sup>

Figure 1: Carbon storage and indigenous territories in Brazil



### Box 2: Cambodia

The Kui people of the Prame commune in Cambodia, close to the border with Thailand, rely a great deal on their female spiritual leader, Yaek Chaeng. She is the representative of their animist spiritual world, and is a strong force in maintaining their unity. Yaek Chaeng regularly visits their sacred sites, including their spirit forests known as Rolumtung, where important rites are performed. So when two Chinese sugarcane planting companies were granted land concessions across 18,000 hectares that encroached on the collective territory of three Kui villages in 2011, the people turned to her.

Women are pillars of Kui society. As well as acting as priests, they manage the forests, gathering food, firewood, honey and resin, their main source of income. Yaek Chaeng has been central to the efforts of the 2,700 members of the commune to challenge the sugarcane companies, in courts and on the land. She guided them as they camped out at the concession site, confiscated bulldozers and arrested drivers; she also helped build a support group among NGOs and indigenous organizations.

The commune's case is that their village is legally recognized, and the government has no right to hand out their land without their free, prior and informed consent. They are demanding that their claim to collective land title be expedited.<sup>44</sup>

### Box 3: Guatemala's community forests

Twenty-five years ago, Guatemala created the Maya Biosphere Reserve to protect the largest remaining tropical rainforest in Central America. Among the reserve's planners, some wanted to create zones within the reserve where local communities could carry out small-scale commercial logging, while others demanded total protection.

In the end, a dozen community logging zones were created, while the reserve's core areas had full national park protection. Since then, much to the surprise of conservationists, the two main parks, the Laguna del Tigre and Sierra del Lacandón, have suffered massive damage from invading cattle herds. But deforestation in the community logging zones has happened at only one-twentieth of the rate at which it has taken place in the two parks. Why? Juan Giron, the Deputy Director of the Asociación de Comunidades Forestales de Petén (ACOFOP), a group representing the communities, says it is obvious: 'The forest is an economic asset to the people. Land rights lead us to take better care of these resources,' he argues.<sup>45</sup> On current trends, 40 percent of the Maya Biosphere Reserve will be stripped of forests by 2050, and most of what survives will be in community-run areas.<sup>46</sup>

## Pastures

While forests and their inhabitants have many advocates, few of the famous make the case for the world's estimated 200 million pastoralists: the Dine (or Navajo) sheep herders of New Mexico, the livestock herding communities of East Africa, the camel minders of the Middle East, the yak herders of the Himalayas and many others.<sup>47</sup> The rangelands they manage cover a quarter of the world's land surface.<sup>48</sup>

Pastoralists have been widely accused of being economically inefficient and turning their 'over-grazed' pastures into deserts. When agribusinesses show up with their fences and ploughs, governments often welcome them.<sup>49</sup> But these presumptions are not based on evidence and are usually very wide of the mark.<sup>50</sup> From the valleys of Eastern Africa to the *cerrado* grasslands of Brazil, some of the biggest land grabs have been for pastures.

Both development analysts and environmentalists are starting to conclude that nomadic herders are supreme environmental adaptors, moving their animals across the land and seeking out green pastures and water sources in inhospitable terrain. They use the landscape in the most sustainable way.



A Maasai pastoralist takes his cattle home after a trip to the water point near the village of Pusanki in Narok County, Kenya (2015). Photo: Kelley Lynch

“

Pastoralism is one of the most sustainable food systems on the planet.

”

UNEP<sup>51</sup>

UNEP spent many years criticizing pastoralists for making deserts. But now it says that 'pastoralism is one of the most sustainable food systems on the planet [...] between two and 10 times more productive per unit of land than the capital-intensive alternatives that have been put forward'.<sup>52</sup>

Rangelands are also a major global resource. As managed by pastoralists, they regulate watersheds, conserve biodiversity and control bush fires.<sup>53</sup> Pastoral herds can successfully coexist with wildlife, including the mega-fauna that tourists flock to see.<sup>54</sup> In northern Tanzania, for instance, the value to safari tourism of pastoralists' land has been put at more than \$80m a year.<sup>55</sup>

The soils of rangelands, says UNEP, annually sequester around a billion tonnes of carbon. Yet this capacity is under serious threat. ‘Up to 70 percent of dryland soil carbon can be lost through conversion to agricultural use,’ states a 2015 report by UNEP and the International Union for Conservation of Nature (IUCN).<sup>56</sup>

Governments often ignore the economic virtues of pastoralism because many of its products – meat, milk, hides, fruits, honey and medicines – do not pass through official markets.<sup>57</sup> But UNEP now says the best way to protect pastures, carbon sinks and the livelihoods of the practitioners of pastoralism, is to ‘strengthen [their] property rights and governance over rangeland resources’.<sup>58</sup>

### **Box 4: Mongolia leads the way**

After decades of state control over its vast rangelands, followed by a period of privatization, Mongolia is now devolving public pastures to community managers and reviving the traditional ways. The result has been a reduction in soil degradation and an increase of up to 50 percent in the incomes of participating communities.

Semi-nomadic pastoralist communities make up one-fifth of Mongolia’s population. They had long since ceased to control their own land. But now they are organizing themselves into legal entities and contracting with the government to manage the rangelands. The agreements recognize customary boundaries and traditional land management.

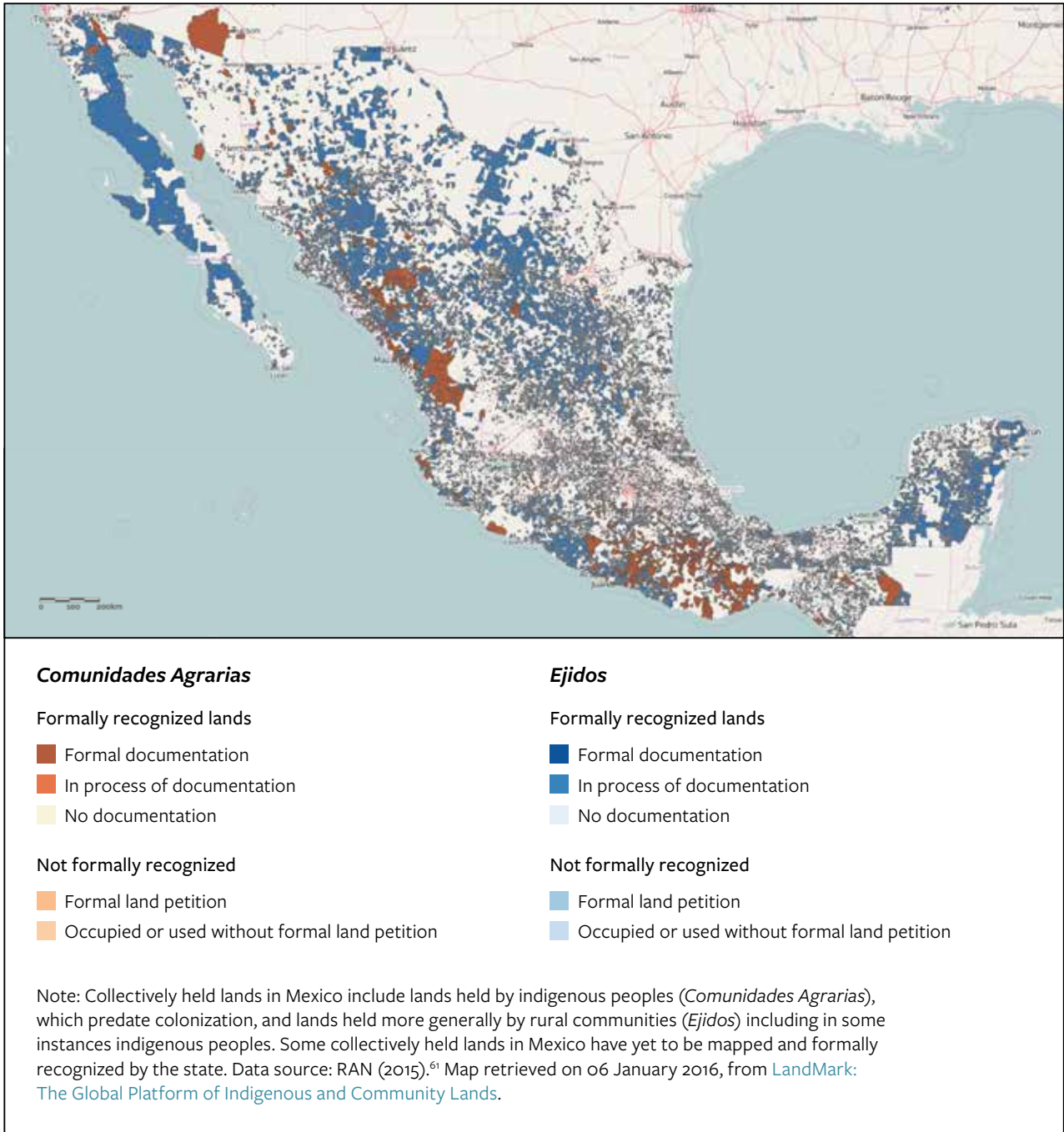
Communities have exclusive access to their pastures in winter and spring, when the risks of over-grazing are greatest. But the pastures are open to all in summer and autumn. In effect, traditional methods have been revived in a post-communist state.<sup>59</sup>

### **Box 5: Reviving Spanish pastures**

In the 1980s, pastoralism was regarded as a threat to conservation in the Ancares Leoneses Biosphere Reserve in the mountains of northern Spain. But as the cattle herds were removed, the soil eroded, biodiversity was lost and, with woodlands spreading at the expense of other vegetation, fire became a growing hazard. The solution was obvious: bring back the pastoralists. A herders’ association, Reserve Association for Extensive Livestock Farming (AGARBALE), has formed to reinstate extensive livestock grazing. It has set up an organic label for locally produced meat, which is sold to tourists. A sustainably managed landscape has been restored.<sup>60</sup>



Figure 2: *Comunidades Agrarias* and *Ejidos* in Mexico



## The corporate risk of insecure tenure

Conflicts over the control of land pose significant risks to businesses trying to occupy that land and exploit its resources. TMP Systems, an investment consultancy, has found that businesses frequently stumble unwittingly into land conflicts, or are driven to take risks by impatient investors. Even giant projects on land occupied by tens of thousands of people may be approved by executives without the locals knowing about it until the bulldozers appear.<sup>62</sup>

As disputes escalate, operational costs can soar, profits are eaten up by government forces and private armies providing security, and some up-and-running operations have had to be abandoned with losses running into billions of dollars. ‘The risk posed to investors by disputes with local populations is widespread, materially significant and growing’, the analysts conclude.<sup>63</sup>

There are many examples of such land conflicts:

- After a 10-year struggle, the London-based metals giant Vedanta gave up its battle to mine bauxite valued at \$2bn, which lay beneath the sacred territory of the Dongria Kondh indigenous people in eastern India. The company had failed to consult the people, who blockaded roads and rail lines and brought the project to a halt. In 2013, India’s Supreme Court ruled that mining contravened the country’s Forest Rights Act, the government withdrew the company’s right of access to the land, investors pulled out and the company’s credit rating plunged.<sup>64</sup>
- A review by First Peoples Worldwide found that 30 percent of oil and gas production by US companies, and 40 percent of mining output, is sourced on or near indigenous peoples’ lands.<sup>65</sup>
- Land conflicts account for nearly half of the total financial risks faced by a sample of mining projects examined by the University of Queensland’s Centre for Social Responsibility in Mining.<sup>66</sup> Half of the projects were met by blockades by locals and 30 percent were eventually abandoned.

Some people think disputes over land should be addressed by speeding up land acquisition processes and limiting the legal powers of redress for local groups. But others realize that by inflaming disputes, such actions can make investments more risky, not less so. As noted by the Interlaken Group, an ad hoc group from civil society and business which includes representatives of Nestlé and the International Finance Corporation, ‘Companies that understand the risks posed by insecure land rights and engage host communities can secure a competitive advantage.’<sup>67</sup>

Legality is not the only issue, of course. There are fundamental issues of imbalances of power and entrenched discrimination that have to be addressed if secure land rights are to be achieved. But TMP Systems makes clear that investors can reduce their risks by requiring developers to carry out greater due diligence concerning land-based investments, and by conducting business with respect for indigenous and community land and resource rights.<sup>68</sup>

**Box 6: A supply chain revolution?**

NGO campaigns such as Oxfam's Behind the Brands have alerted consumers to the social and environmental footprint of the goods they buy.<sup>69</sup> Partly as a result, many manufacturers of food and beverages are trying to ensure that they and their suppliers respect land rights when sourcing commodities.

Coca-Cola responded to the Behind the Brands challenges on its sugar supply chains by committing to zero tolerance of land grabs.<sup>70</sup> PepsiCo has since also committed to 'zero-tolerance for [...] land displacements of any legitimate land tenure holders [...] whether based on indigenous rights, custom, informality, or occupation, regardless of whether the right is currently protected by law or formally recorded'.<sup>71</sup> But there is a long way to go to put these commitments into practice.

## More triumph than tragedy in the commons

Many environmentalists accept the idea of the 'tragedy of the commons' set out in 1968 by American ecologist Garrett Hardin.<sup>72</sup> He argued that collectively owned resources or 'commons' will be overused and destroyed because no individual has an interest in protecting them for the long term, while everyone has an incentive to grab what they can before the others wreck it. The conclusion of this pessimistic analysis was that collective ownership doesn't work and the commons should be privatized or nationalized.<sup>73</sup>

But Hardin's proposition has been widely challenged,<sup>74</sup> most notably by American political economist Elinor Ostrom,<sup>75</sup> who won the Nobel Prize for economics in 2010.<sup>76</sup> From a lifetime's analysis of real-life commonly owned lands and resources – including Swiss Alpine pastures, the forests of Nepal, and Indonesian and American fishing grounds – she emerged an optimist.<sup>77</sup> Ostrom argued that communities can and do successfully manage vital commonly owned resources, but one of the important conditions for success was the right to defend the resources from outsiders.

The lesson, she said, was that communities should have better control of their customary lands rather than having them taken away. The argument of this report and our global call to action is that Ostrom was right.

**PROGRESS  
OR RETREAT?  
WHAT IS HAPPENING  
ON THE GROUND**



A profound transformation of land ownership is underway in Indonesia. The country has begun to unravel the nationalization of its extensive rainforests carried out half a century ago under President Suharto. In 2013, following an action brought by the Indigenous Peoples' Alliance of the Archipelago (AMAN), the country's Constitutional Court annulled the government's ownership of customary forest areas and ruled that 'members of customary societies have the right to [...] use the land to fulfil their personal and family needs'.<sup>78</sup>

Supported by the administration of President Joko Widodo – which has promised to integrate the community mapping of the forest areas of some 32,000 villages into state maps – and The National Human Rights Commission, which is documenting resource-rights abuses, the ruling could eventually lead to the resumption of community control over around 40 million hectares of forest lands.<sup>80</sup> That is more than one-fifth of the land area of one of the world's largest and most populous countries.

There is pushback, however: during 2015 the government announced plans to speed up land procurement for its extensive infrastructure projects, including roads, dams and railways, many of them in forest lands.<sup>81</sup>

While the claims of customary land users, including indigenous peoples, cover more than 50 percent of the world's land area, legal recognition of ownership is restricted to just 10 percent.<sup>82</sup> Almost 80 percent of this land is in China, Brazil, Australia, Mexico and Canada. And even in these countries, the situation on the ground may be worse than it appears. In Australia, although areas are subject to indigenous ownership or control, native title law has, in practice, extinguished common law rights for many indigenous peoples. Communities that the government and earlier colonial authorities forcibly removed from their lands have been required to show a continuous connection to the land they claim.<sup>83</sup> In China, community-based tenure regimes often arise from the collectivization of land in the 1950s, rather than from customary tenure.<sup>84</sup> Throughout the world, much of the land ceded by governments is in remote or extreme environments – such as deserts or steep mountainous areas. Most importantly, in many cases, it can still be allocated to the corporate sector through long-term concessions.<sup>85</sup>

The gap between customary rights and legal title is largest in sub-Saharan Africa. Here, as Liz Alden Wily, a political economist who specializes in land rights issues, puts it, 'African rural communities consider themselves to be the traditional owners of not just their house plots and farms, but also the forests, pastures and other naturally collective resources which fall within their domains.'<sup>86</sup> Yet only three percent of land is legally recognized as owned by indigenous peoples or local communities.<sup>87</sup>

Even when recognized, those rights often fall short of effective control over the land.<sup>88</sup> Owners may be prevented from harvesting forest resources for commercial purposes, or conducting shifting cultivation or hunting. When land rights are enforced, it is often not clarified how rights are distributed within the community and whether decision making involves wide participation. All this can make land rights weaker.

While the claims of customary land users cover more than 50% of the world's land area, legal recognition of ownership is restricted to just

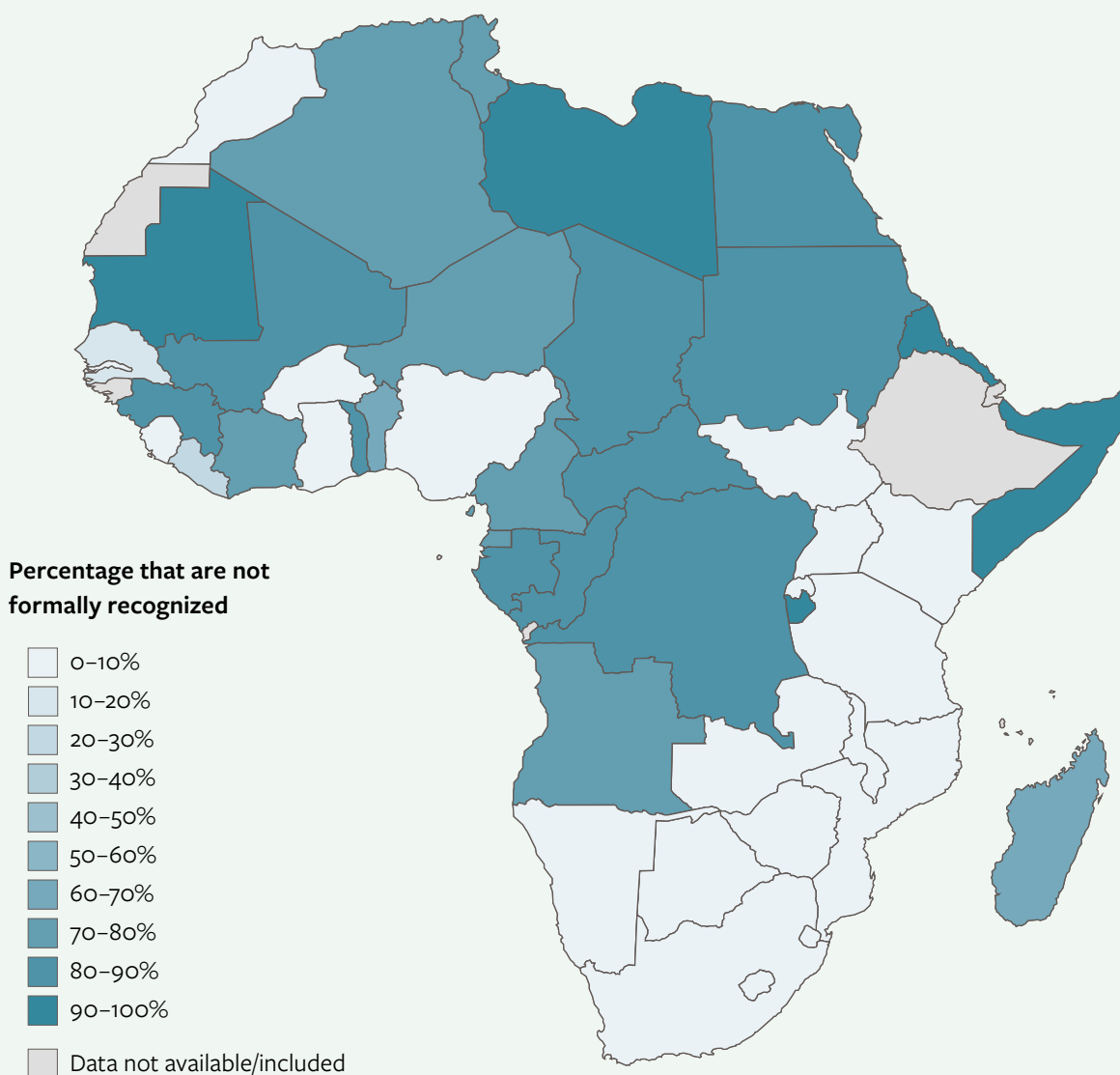
**10%.**<sup>79</sup>

## The gap that must be closed

**Most land in Africa is claimed and managed by indigenous peoples and local communities. But most governments do not recognize the rights of these customary land owners. This is a recipe for rights abuses, poverty and land grabs.**

This map shows the estimated area of land held or used by indigenous peoples and local communities that is not formally recognized by the government as a percentage of the country's total land area. Please note that formal recognition does not translate necessarily into practice. Lack of enforcement and power reduce communities' ability to secure their land rights. In Kenya, for example, the Constitution extensively recognizes community land rights, but a community land law still needs to be enacted to provide adequate protection to communities.

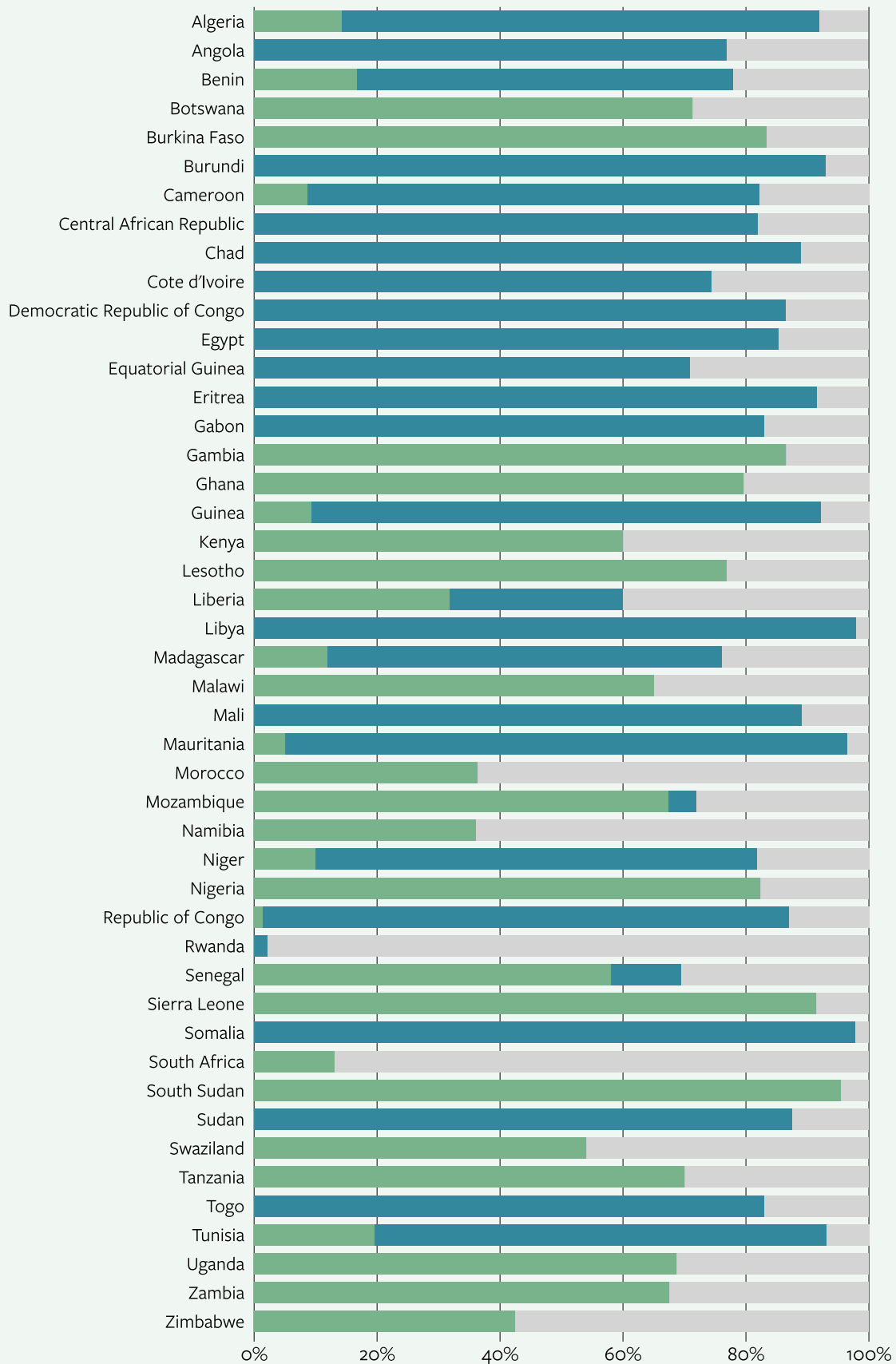
**Figure 3: Recognition of indigenous and community lands, Africa**



Source: The map was adapted from: F. Dubertret and L. Alden Wily. 2015. Percentage of indigenous and community lands. Data file from *Landmark: The Global Platform of Indigenous and Community Lands*. Available at [www.landmarkmap.org](http://www.landmarkmap.org).

## Indigenous and community lands (% of total land)

Formally recognized Not formally recognized



Data from *Landmark: The Global Platform of Indigenous and Community Lands*. Available at [www.landmarkmap.org](http://www.landmarkmap.org). Countries with no data available have been excluded.

## Policy reform

Change is in the air. Since 2002, the proportion of forests in low- and middle-income countries where forest communities have statutory title has risen from 21 percent to 31 percent.<sup>89</sup> In countries such as Brazil, Indonesia and India, communities are being helped with the often complex formal procedures that are required by governments to secure title. Some countries in sub-Saharan Africa, such as Mozambique and Liberia, also have projects for actively promoting community land titling.<sup>90</sup>

These changes may be bellwethers for reform elsewhere, but it is too soon to be sure. There is evidence that, globally, reform is slowing. The rate at which communities gained secure tenure of forest lands between 2008 and 2013 was only one-fifth the rate between 2002 and 2008.<sup>91</sup> In Peru, some 20 million hectares of customary land await formal recognition.<sup>92</sup>

One cause of this may be the power of vested interests keen to profit from the corporate land rush that followed the 2007–2008 world food price shock (See Box 7).

### Box 7: Land grabs

Since the 2007–2008 world food price crisis, there has been a rush by agribusiness to grab land and secure higher profits.<sup>93</sup> There are no comprehensive data on the extent of this land grabbing. One database run by an independent partnership, the Land Matrix, has documented more than 1,000 large land acquisitions completed on 39 million hectares of land – an area larger than Germany.<sup>94</sup> Some individual acquisitions involve hundreds of thousands of hectares. In the majority of cases, the land involved was already owned, occupied and used by local communities and indigenous peoples. African nations, where land tenure is most insecure, have been the main target.

The impact of land grabbing is worse for those with less secure tenure rights, especially women.<sup>95</sup> In the Philippines, for example, in the village of Tanagan, in Batangas, when all the village's mangrove forests were occupied by shrimp farms owned by just one investor, women were hit hardest, as they were most reliant on common resources.<sup>96</sup> But as elsewhere in the Philippines, women demonstrated their collective resolve and strength by fighting back and establishing well-managed production areas on the coast.<sup>97</sup>



## Courts respond to community pressure

In the face of corporate land grabs, land rights movements have often found an ally in courts. There have been several cases in Latin America:

- In Colombia in 2014, following action brought by the Embera Katio people, a local court ordered 11 mining companies to vacate 50,000 hectares in the country's northwest, annulling titles granted by the government and reinstating the rights of the traditional owners who had been forced from the land by armed groups.<sup>98</sup>
- The Supreme Court of Belize ruled as unlawful licences granted to an oil company to drill in the Sarstoon-Temash National Park, a rainforest with 40 villages housing Mayans and Garifuna people of African descent. It found that the communities, which had taken the company to court, had not given their consent.<sup>99</sup>
- In Paraguay, in three separate rulings, the land rights of indigenous communities have been upheld by the Inter-American Court of Human Rights, which told the state to reinstate lands taken from communities in the Chaco region. To date, the country has failed to implement these rulings in full. In only two cases has the government acquired land for the affected communities, which still face obstacles in resettling their land.<sup>100</sup>

Activists are finding that court rulings are not always implemented. They may be ignored, or new laws may be passed which nullify the rulings.

Where legal advances are made, there is frequent pushback from commercial and political interests. In Mexico, a new national energy policy asserts that oil exploration is a 'social interest' that can override surface land rights.<sup>101</sup> In Brazil, the national legislature has sought to reverse indigenous land rights and the government continues to construct hydroelectric dams despite opposition from the inhabitants of the land to be flooded.<sup>102</sup>

Governments can be of two minds. For instance, in 2014 the government of Democratic Republic of Congo (DRC) won international praise for recognizing the customary rights of individual rural communities to up to 50,000 hectares of forest.<sup>103</sup> But in 2015 it created a new category of logging concessions that will open to loggers the forests of all communities without established statutory land rights.<sup>104</sup>

Clearly there is a battle going on between commercial interests and human rights, in which communities must constantly assert their rights. They will sometimes find allies: in the courts, from progressive leaders and reformers, and in the international community. The lesson is that indigenous peoples and local communities can successfully defend their lands. But it is rarely easy.

### Box 8: Cameroon

Activism works. In 2013, Cameroonian lawyer Samuel Nguiffo led a civil-society campaign against plans by a New York investment company, Herakles Farms, to establish an oil-palm plantation on 73,000 hectares of rainforest and agricultural land in the southwest of Cameroon. In 2009, the company claimed to have received from the Cameroon government a 99-year lease on land that had been under the traditional ownership of some 50,000 people from local communities. Among them were the Oroko and Bakossi, who had already lost land to plantations and protected areas, including the Korup National Park.<sup>105</sup>

‘When communities saw their customary land rights threatened, they solicited support. The advocacy campaigns by the NGO coalition raised awareness at local, national and international levels,’ says Nguiffo, who founded and directs the Centre for Environment and Development, a local NGO. In 2013, Greenpeace made the dispute headline news round the world.<sup>106</sup> By the end of that year, the original lease had been annulled and the concession area reduced to 20,000 hectares on a short-term lease.<sup>107</sup>

However, the campaign is not over, says Nguiffo. Some local communities have still lost land, and have mapped encroachments onto land that remains theirs. ‘This development can easily lead to future conflicts,’ he warns.

Meanwhile, Nguiffo is campaigning for reform of Cameroon’s land law. ‘I would like policy makers to clearly see the link between communities’ land rights and the well-being of rural people,’ he says. To succeed in Africa, economic growth must be ‘rooted in robust communities’. And that means protecting land rights that are the core of cultural identity.

Far from being a barrier to economic growth, as some politicians argue, Nguiffo maintains that ‘recognizing and protecting communities’ land rights is in fact the most efficient way of ensuring inclusive economic growth.’ Any other route will lead to growing inequalities and conflict.



An oil-palm nursery in a Herakles Farms concession area in Cameroon (2012). After pressure from national and international NGOs, the original large-scale lease was annulled and the concession area reduced. Photo: Alex Yallop/Greenpeace

## Women demand their land

When the Sri Lankan military took over their lands to establish a tourist resort, it was the women of Paanama, in the country's eastern coast, who took a stand against them.<sup>108</sup>

'We had to join together and win this fight to get justice not only for ourselves, but for our children and the generations who passed land to us,' says Rathnamali Kariyawasam, who grows rice and processes fish from the lagoon close by.

'We organized as a group,' explains Kariyawasam. 'Women climbed on the roof of the village cooperative building near the main road and refused to retreat until the authorities responded to us.' She and dozens of other women from the 350 families evicted from their lands took their case to the capital, Colombo. They filed court cases and petitioned the National Human Rights Commission. They linked up with other groups defending their territories against government land grabbing for other tourist developments, through the People's Alliance for Right to Land (PARL).<sup>109</sup>



Women from the village of Paanama, Sri Lanka stage a protest in Arugambay, a famous tourist destination that is in close proximity to their land (2015). The protest was staged to alert tourism development companies, investors, tourists and government officials to their lands being unlawfully acquired for tourism promotion. Photo: Oxfam

“

Land grabs are not gender-neutral.

”

**Victoria Tauli-Corpuz,**  
UN Special Rapporteur  
on the Rights of  
Indigenous Peoples

In early 2015, a newly elected government ordered the return of most of the land. However, almost a year later, local officials had not acted on the order. The police took out a court order preventing them returning. But the women are not backing down. The issues for rural women and their land rights are simple. Women depend on the common lands – the forests, grazing areas, water bodies – for their economic survival, and that of their families. In forest communities, women generate more than half of their income from forests, compared with one-third for men.<sup>110</sup> Yet their roles and rights are rarely recognized; their voices too often go unheard when a decision is made.<sup>111</sup>

So, while a call for the recognition of community land rights will help women, it is also important that the rights of women within communities are asserted. That means ensuring that women sit on all bodies that control land, whether statutory or customary, and that the right mechanisms exist within those bodies so women can exercise their leadership. It also means raising awareness among male leaders in communities, and training local administrations and police about their role in enforcing and protecting women's land tenure security.

In many customary systems of land governance, women's rights are distinguished from those of men. These systems can bolster the voices of women, but may also sideline them. This becomes more acute where land controlled by communities grows increasingly scarce.

Often, women under customary tenure regimes have a double fight: like many women worldwide, they are battling to be treated as equals while also defending their customary land rights to protect their communities and identity.

Indigenous women and those from local communities share a history of struggles and activism – speaking out in defence of collective land rights, cultural identity and social change as part of the global movement for women's liberation.<sup>112</sup>

In August 2015, a report from the UN Special Rapporteur on the Rights of Indigenous Peoples, Victoria Tauli-Corpuz, herself an indigenous activist, noted that the increased vulnerability of customary rights have further discriminated against women. 'Land grabs are not gender neutral,' she said, since they result in 'indigenous women losing their traditional livelihoods, such as food gathering, agricultural production and herding [...]' Some indigenous communities whose land rights are threatened have further subjugated the rights of women, [which] have been considered "external values" or "Western values" and therefore divisive to the indigenous struggle.<sup>113</sup>

### **Box 9: Blood on the soil**

The NGO Global Witness has catalogued a rising tide of murders of land rights activists and environmentalists, with almost 1,000 documented deaths since 2002. Brazil, Honduras, the Philippines and Peru have been the most dangerous countries in this regard, it reports.<sup>114</sup>

In October 2014, four community leaders from Saweto in Peru's eastern Amazon, who had opposed the presence of illegal loggers on their land, were murdered in the forest. Edwin Chota and the others had been requesting title to their traditional lands since 1993, without success. In the aftermath of the killings, the Peruvian government issued the title deed but continues to resist other claims in the area.<sup>115</sup>

Land insecurity triggers wider conflicts. A study of civil conflicts around the world since 1990, from Guatemala to Afghanistan, found that disputed land rights were at the heart of most of them.<sup>116</sup> In the Darfur region of Sudan, disruption of traditional land tenure systems has triggered conflict between herders and private farmers.<sup>117</sup> In such situations, peace can only be restored by the fair resolution of land disputes.

**Box 10: Indian rights on a knife edge**

'It is our independence day,' said Petra Kanhara, an elder of Loyendi, on the day the village won community rights over 20 mountains, full of forests. 'Now, the forests are rightfully ours.'<sup>118</sup>

Under India's 2006 Forest Rights Act, forests became a community rather than a state asset. Villages with forest dwellers – about a quarter of all villages – are now entitled to a legally enforceable community forest, and access to government funds for forest management. Nobody can take land from communities in tribal areas without their approval. Affirming the law's interpretation in 2013, India's Supreme Court called the rights an 'imperishable endowment'.<sup>119</sup>

This could transform India, where around half of rural households depend on community or common lands for part of their livelihoods.<sup>120</sup> If fully implemented, the law could enshrine control for 150 million men and women over up to half of the country's forests, which are concentrated in India's most impoverished areas, such as the state of Odisha. It would be the largest ever land reform in India and among the largest in the world.<sup>121</sup>

Implementation is now taking place in some areas. In Kandhamal district in Odisha, officials collaborating with the NGO Vasundhara have developed mapping processes to help communities claim their forests. The test case was Loyendi. There, the Kondh tribe had been attempting to reclaim forests where they had legally cut bamboo until the state took the land 50 years ago and gave bamboo rights to local paper mills.<sup>122</sup>

But the government appears conflicted between human rights and a narrowly commercial agenda. For it has also announced plans to privatize large parts of its forest estate.<sup>123</sup> And even a decade after the law came into force, many state administrations tasked with organizing the handover are stonewalling the process.<sup>124</sup>



Community members in Okeng, Uganda use participatory mapping to identify their communal grazing lands on satellite imagery (2015). Photo: Marena Brinkhurst/Namati

## Securing community land rights through grassroots legal empowerment

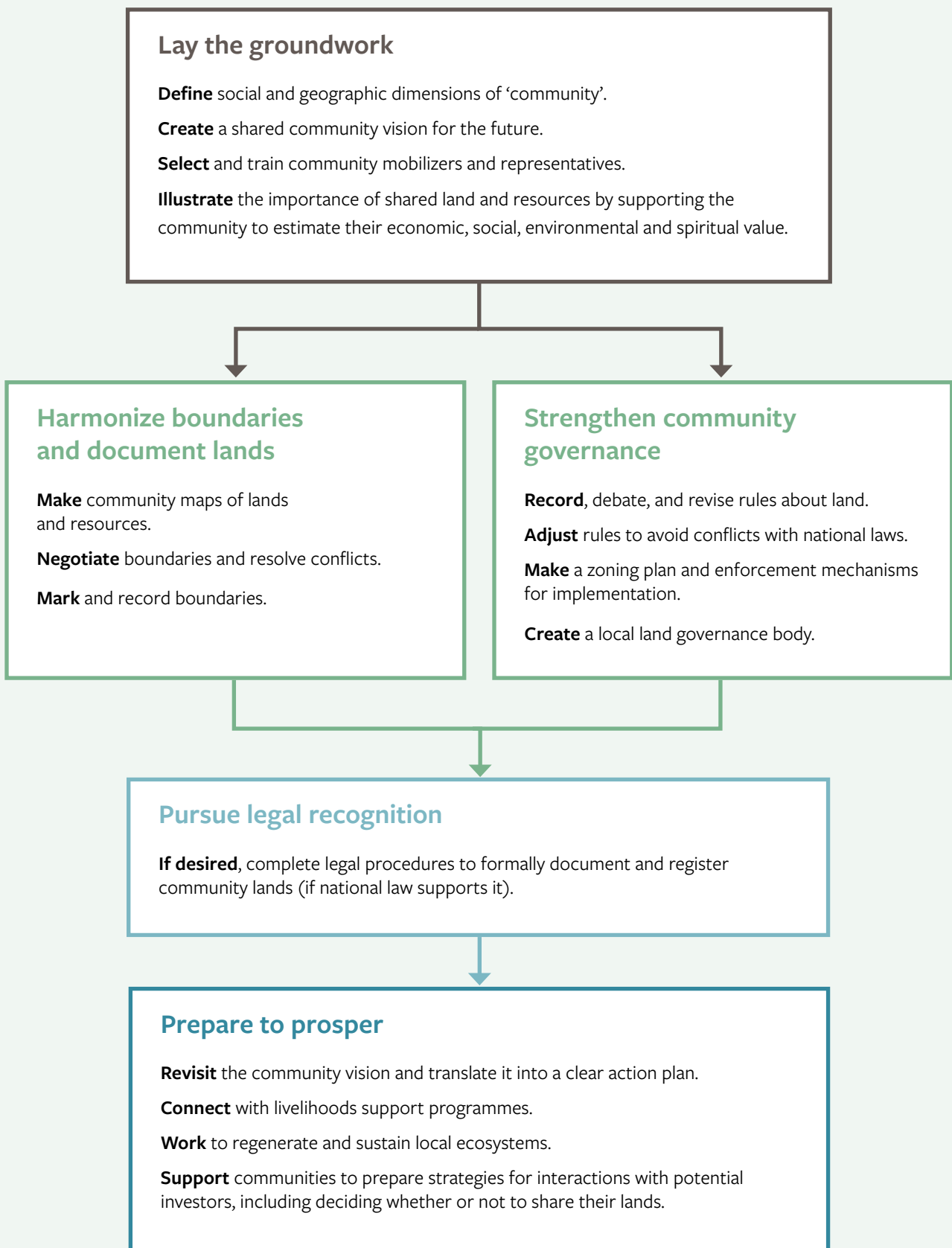
**‘We know our borders; we know our resources; we know our rules, and they are written down for everyone to see; people are attending meetings and we feel stronger together. Now it is easy for us to organize and ask the government for things we want.’**

**Community member, Jowein, Liberia**

Even where national laws formally recognize the land rights of indigenous peoples and local communities, they may still lack security on the ground. Communities often have to complete a long process to obtain a title or a certificate over their land. Namati, an NGO that works with grassroots legal advocates, has identified a five-part process for communities to strengthen their tenure security.<sup>125</sup>

Governance is at the heart of the protection of indigenous and community land rights. Providing a community with documentation for its land rights without ensuring intra-community mechanisms to hold leaders accountable may, in some instances, enable land grabbing.

Figure 4: Securing community land rights through grassroots legal empowerment



This is a simplified version. For full details, see <https://namati.org/communityland>.

### Box 11: Paraguay

‘We sometimes secretly tried to get through the barbed wire to get at our traditional sources of food. We lived like slaves, with no freedom. What was ours now belonged to strangers,’ remembers Leonardo González, a leader of the Sawhoyamaxa community of Enxet people in the remote Chaco region of Paraguay.<sup>126</sup>

But after 23 years of legal battles, active organizing and advocacy to get their land back, their struggle is almost over. The government, which over decades had overseen the takeover of the territories of indigenous peoples by cattle ranchers and other agribusinesses, has in this case relented. In 2014 it finally passed a law that took 14,404 hectares from a German-owned cattle-raising business and returned it to the 160 dispossessed families of the Sawhoyamaxa community. ‘This gives us life, and allows us to have contact once again with our forests and our traditional medicines,’ says González.<sup>127</sup>

After decades during which the proud hunters and gatherers had been forced to become labourers on cattle ranches and to live in shacks by the road, they could legally return to their land. However, many died as a result of their living conditions during their exile, says González.

The government’s change of heart followed a ruling in 2006 by the Inter-American Court of Human Rights. After the Sawhoyamaxa community had spent 10 years exhausting all domestic administrative and legislative recourse to no avail, they took their case to the Inter-American system for protection of human rights in 2001, with the help of a local NGO, Tierraviva.<sup>128</sup> But even after the binding Inter-American Court ruling, it took eight more years of efforts by the community, including mobilizing domestic and international support and taking direct action to occupy their land, before they were given tenure security by law in June 2014.

‘This demonstrates that Paraguayan justice is starting to compensate [Paraguay’s] historic debt to indigenous peoples, whose rights have always been violated,’ says Eriberto Ayala, another Enxet leader.<sup>129</sup>

Nevertheless, this hard-won victory for the Sawhoyamaxa people is not complete, as the cattle business continues to use the domestic courts to delay the granting of formal title to the community. The long but successful struggle of the Sawhoyamaxa to recover their land, however, brings hope to many communities facing conflicts over land in Paraguay, where justice is often delayed as powerful landowners and agribusiness companies seek to manipulate the judicial system to their benefit.<sup>130</sup>



## Figure 5: Land facts

### OVERVIEW

At Least

**50%**



of the world's land area is held under customary or community-based regimes.<sup>131</sup>

An estimated

**25%**



are rangelands managed by pastoralists.<sup>132</sup>



**Up to 2.5 billion**

women and men depend on community-based systems.<sup>133</sup> At least **200 million** of them are pastoralists.<sup>134</sup>



**It's a global phenomenon**

The majority of indigenous and community lands are in agrarian countries. They are also in emerging economies such as China, India and Mexico, and in New Zealand, Australia, North America and Europe.<sup>135</sup>

### LAND AND THE LAW

Globally just

**10%**

of the lands are recognized by law as formally owned by indigenous peoples and local communities.\*

**This is 1/5 of what it should be.**

\*Including lands governed by systems derived from customary tenure (most of Africa), and those derived from other forms of community-based tenure (as in Algeria or China).<sup>136</sup> This figure is just 6% excluding China.



Ownership includes the right to:



Exclude outsiders from community lands.



Obtain due process and compensation in the event of expropriation.



Hold rights for an unlimited duration.

### THE REALITY ON THE GROUND

**The difference between what is written in law and what happens in practice is enormous, even when land rights are formally recognized.**

This is due to:

#### Lack of enforcement

Governments may not respect legal rights. For example by issuing competing claims over the same lands, or refusing to enforce communities' land rights against outsiders.

#### Commercial concessions

Which may be allocated on the same land, including 99-year concessions to companies.<sup>137</sup> In some cases, such as Uganda, this has been done without consultation or compensation because communities were unable to produce certificates of customary ownership.<sup>138</sup>



### NATIONAL EXAMPLES

#### Peru

Peruvian indigenous peoples control more than one-third of Peru's land area. However, the national Indigenous Federation of the Peruvian Amazon estimates that an additional **20 million hectares** are eligible for formal recognition.<sup>139</sup>

#### Indonesia

Approximately 0.2% of Indonesia's land is currently recognized as community-owned or controlled. By contrast, an estimated **40 million hectares** are proposed for recognition by the Indonesian Constitutional Court in favour of communities' forest tenure rights.<sup>140</sup>

#### Canada

In Canada, **7%** of the country is owned by indigenous peoples and local communities, but much of the land is located in sparsely populated tundra and taiga ecosystems.<sup>141</sup>

# WHAT DO WE NEED TO CHANGE?



Nicholas Fredericks, a leader of the Wapichan people, is fully at ease with the different worlds colliding in his part of South America. A precocious cowboy in his youth, he broke open a beer as he watched soccer on the communal solar-powered TV in his village in southern Guyana. ‘These forests are our life, but they are being taken from us,’ he says. ‘Outsiders have a financial view of the land. They see it as money. We see it as life. We have to win ... for the future of our people.’<sup>142</sup>

His people want formal legal title to the huge areas of savanna grassland and forest that are their ancestral lands. They have painstakingly mapped that land, an area of 2.8 million hectares, during long bush treks using GPS and satellite imagery. Once they have title, they intend to turn half of their land into one of the world’s largest community forests, where they will hunt, fish, harvest construction materials and bush medicines, and venerate their *bina*, the spirit charms that include animals, plants, insects and rocks.<sup>143</sup>

The Wapichan bush trackers attracted attention a decade ago when they guided scientists from the Smithsonian Institution to a previously unknown abundance of red siskin, a small bright orange finch which had previously been thought extinct.<sup>144</sup> They were subsequently recruited to help with a wider study of the region’s biodiversity, which in 2014 recorded more than 1,000 species, including jaguar, ocelot, anaconda, giant spiders, caiman, tapir and armadillo.<sup>145</sup> Fredericks says that title to their lands will allow his people to protect its biodiversity from current invaders, such as Brazilian gold miners and Chinese loggers. Since the formation of a new government in mid-2015, talks have resumed on how their aims can be achieved.

“

These forests are our life, but they are being taken from us. Outsiders have a financial view of the land. They see it as money. We see it as life. We have to win... for the future of our people.

”

**Nicholas Fredericks,**  
Wapichan people,  
Guyana

## From law to action

There is a growing understanding of the practical benefits of recognizing and enforcing customary land rights. Governments, the development community, investors, conservationists, climate negotiators, miners and agribusiness are all starting to see the benefits not just for human rights, but also for a healthy wider economy and environmental protection.<sup>146</sup> The importance of customary land rights was recognized in the two critical international agreements of 2015: the Sustainable Development Goals and the Paris Agreement on climate change.

Legal rights are being recognized in international agreements and national laws are being changed. But action on the ground remains all too rare. Just as the case for recognizing indigenous and community land rights has strengthened, so the economic pressure from a world thirsty for agricultural and other resources from its customary lands has grown. The result, as we have seen, has been an upsurge in conflicts that are, at root, about land. Things have to change.

It is time for a new development model that puts people firmly at the centre and respects the free, prior and informed consent of indigenous peoples and local communities, inclusive of women. It is time to recognize the rights and knowledge of those who are fundamental to our common fight against climate change – indigenous peoples and local communities – as affirmed in the 2015 Paris Agreement.

To achieve this, we need seven major shifts:

1. **More political leadership.** Governments have to prioritize and secure indigenous and community land rights through stronger laws and policies.
2. **More direct funding.** Donors, governments and international organizations have to dramatically scale up direct and targeted support to indigenous peoples and local communities.
3. **Better investments.** Corporations and financial institutions have to change their business models so as to recognize, protect and strengthen indigenous and community land rights through their operations and value chains. In particular, they should respect the rights of all affected communities to give – or withhold – their free, prior and informed consent for interventions on their lands.
4. **Gender justice.** Governments, donors, investors and civil society have to listen to the distinct voice of indigenous women and women from local communities. All reforms, interventions and struggles to secure indigenous and community land rights have to ensure the equal rights of women in policy and practice.
5. **Sustainable consumption.** Consumers across the world should take responsibility for the impact of their lifestyles on the land rights of indigenous peoples and local communities, and demand more transparent information from those who produce and sell what they consume.
6. **More meaningful data.** Governments have to improve national statistics on indigenous and community land rights, starting with formally recognizing the data and maps produced by communities. Such maps can be more accurate than state maps and always better represent the interests and needs of communities. Governments should support multi-stakeholder initiatives led by indigenous peoples and local communities.
7. **More accountability.** All of us, in our own capacity, should monitor what governments, donors, international institutions, corporations, national and international financial institutions, as well as all of us as citizens, are doing to improve the recognition of indigenous and community land rights.

The recognition of indigenous and community land rights is a prerequisite for sustainable development, combating poverty, reducing conflicts and addressing climate change. Many realize that. But there remain huge gaps between intention and reality, often as a result of the immense power imbalances between corporations and governments on the one hand, and local communities and indigenous peoples on the other.

Governments have just committed to a new set of goals to achieve sustainable development. This will only be possible if land rights are secured for indigenous peoples and local communities. Land rights indicators must be part of measuring progress to meet these goals and targets.<sup>147</sup> This is especially important for Sustainable Development Goal target 1.4, which aims to ‘ensure that all men and women, in particular the poor and vulnerable, have equal rights to economic resources, as well as access to [...] ownership and control over land’.<sup>148</sup>

But above all, governments must ensure that indigenous peoples and local communities are the architects of their own destiny. The case of the Wapichan people in southern Guyana shows what can be done.<sup>149</sup>

**Figure 6: Land recognized as owned by indigenous peoples and local communities**



## A Global Call to Action on Indigenous and Community Land Rights

If 2015 was the year of grand new multilateral agreements – notably the adoption of the Sustainable Development Goals and the Paris Agreement on climate change – then 2016 must kick-start the era of implementation. Central to realizing the ambitions of both these agreements is the full legal recognition of indigenous and community land rights. Now is the time for new leadership on this issue.

The Global Call to Action on Indigenous and Community Land Rights challenges the world to close the gap between the 10 percent of land currently formally recognized as owned by indigenous peoples and local communities and the more than 50 percent of land that is estimated as their customary right.

We invite our readers to support those communities and peoples trying to secure their own land and to endorse our immediate target to double the land recognized as theirs by 2020. Please join the Global Call to Action at [www.landrightsnow.org](http://www.landrightsnow.org) to help make that happen. The task begins now.

### Box 12: Recommendations for action

To realize the change we want, we need action at all levels:

**All:**

- Champion this Global Call to Action and recognize that securing indigenous and community land rights is vital to eradicate hunger and poverty, protect the environment and fight climate change, and build a world of justice where human rights are protected for all.

**All governments:**

- Secure the collective land rights of indigenous peoples and local communities.
- Recognize data and maps produced through community-based monitoring systems.
- Implement the UN Declaration on the Rights of Indigenous Peoples, and ratify and implement the ILO Convention No. 169.
- Implement the UN Declaration on Human Rights Defenders and guarantee that everybody can speak out without fear or intimidation.
- Implement the UN Voluntary Guidelines on the Responsible Governance of Tenure of Land, Fisheries and Forests.<sup>150</sup>
- Declare zero tolerance on land grabbing, including by respecting human rights and the free, prior, and informed consent of indigenous peoples and local communities, inclusive of traditional leaders, men, women and youth.
- Hold accountable to their human rights obligations private investors and corporations operating or sourcing goods and services nationally and/or abroad.
- Include the protection of indigenous peoples and community land rights – especially for forest-dependent people, small-scale food producers, fisher-folk and pastoralists – as a pillar of national sustainable development strategies, including those related to climate change, agriculture, environmental conservation, energy, tourism, economic growth and trade.
- Ensure indigenous peoples' and local communities' rights to maintain traditional occupations and ways of life, and the fair distribution of benefits derived from the use of their lands, natural resources and ecosystem services.
- Donor country governments – provide adequate and targeted international development assistance to support the protection of the land rights of indigenous peoples and local communities everywhere, and commit to cause no harm to them through other policies.

**All Parliaments:**

- Speak out on behalf of their citizens to secure the collective land rights of indigenous peoples and local communities.
- Harmonize all legislation affecting the land rights of indigenous peoples and local communities, so as to ensure their security of tenure and their right to determine for themselves how those lands will be managed.
- Advance national legislation and allocate adequate budgets to secure indigenous peoples' and community land rights.

**All national, regional and international human rights institutions:**

- Monitor and promote the legal recognition of indigenous peoples' and community land rights and freedom of speech for land rights defenders, in line with national and international human rights law.

**All corporations, and national and international financial institutions, including banks, pension and private equity funds:**

- Recognize and protect indigenous peoples' and community land rights through their operations, including those of financial intermediaries.
- Comply with a principle of zero tolerance on land grabbing, including by respecting human rights and the free, prior and informed consent of indigenous peoples and local communities, inclusive of traditional leaders, men, women and youth.
- Undertake gender-responsive due diligence on human rights, including by implementing the UN Guiding Principles on Business and Human Rights.
- Implement and require full compliance with the Voluntary Guidelines on the Responsible Governance of Tenure across their national and international value chains.
- Develop and implement policies (and establish grievance mechanisms) necessary to avoid, reduce, mitigate and remedy any direct and indirect impact on the lands and natural resources of indigenous peoples and local communities.
- Ensure clear commitments, transparency and accountability in any operation and investment that may affect the lands or livelihoods of indigenous peoples and local communities.

**The UN Human Rights Council:**

- Approves a resolution on the specific threats faced by land and environmental defenders.
- Promotes periodic monitoring of land rights among Member States.

**The UN High Level Political Forum:**

- Adopts at least one indicator that measures progress on indigenous and community land rights, in the context of the 2030 Agenda.<sup>151</sup>
- Carries out a global thematic review on land rights across all the Sustainable Development Goals, including through an assessment of the area of land legally recognized as owned or controlled by indigenous peoples and local communities.
- Makes clear commitments to advance collective land rights of indigenous peoples and local communities in the context of the Sustainable Development Goals.

**All indigenous peoples and local communities:**

- Strengthen their institutions, capacities and movements to secure and defend their land rights.
- Assert and exercise the right to free, prior and informed consent, inclusive of traditional leaders, men, women and youth, on matters relating to lands, territories and resources.
- Realize women's equal participation in the defence and enjoyment of rights to lands, territories and resources.

- Mobilize and build alliances to address threats to indigenous peoples' and local communities' lands, territories and resources.
- Protect and promote traditional knowledge and customary sustainable use practices and resource management.
- Carry out gender-sensitive participatory community mapping and community-based monitoring relevant to land tenure, land use and self-determined development.
- Revitalize and strengthen indigenous peoples' and local communities' gender-sensitive governance and institutions, their cultures and languages.

### **All national and international civil society:**

- Support indigenous peoples and local communities in their struggle to secure their land rights and realize the above-mentioned commitments.
- Mobilize other actors (e.g. media, academic and legal community, donors) to support land rights campaigns and programmes.
- Coordinate and unite advocacy efforts across policy arenas to secure legal recognition of the collective land rights of indigenous peoples and local communities.
- Identify strategic opportunities to advance indigenous peoples' and community land rights through gender-sensitive legal processes and policy reform.

Note: These recommendations were developed by the Steering Group of the Global Call to Action on Indigenous and Community Land Rights. The full document can be found at [www.landrightsnow.org](http://www.landrightsnow.org).



## Annex I

### **A Global Call to Action on Indigenous and Community Land Rights**

The Global Call to Action on Indigenous and Community Land Rights is a worldwide campaign with the aim to double the area of land recognized as owned or controlled by indigenous peoples and local communities by 2020. See #landrightsnow.

The Global Call to Action is open to everyone who is ready to champion its policy recommendations. It mobilizes movements, organizations, governments, the private sector and individuals to support ongoing struggles on the ground by indigenous peoples and local communities, and jointly pushes for change in policy and practice.

The Global Call to Action is led by a Steering Group, and co-convened by the International Land Coalition, Oxfam and the Rights and Resources Initiative.

We invite you to visit [www.landrightsnow.org](http://www.landrightsnow.org) for more information and to sign up to the Global Call to Action.

### **Members of the Steering Group of the Global Call to Action**

**Liz Alden Wily**, Independent tenure expert

**Katia Araujo**, Huairou Commission

**Joan Carling**, Asia Indigenous Peoples Pact

**Joji Cariño**, Forest Peoples Programme

**Kysseline Cherestal**, Rights and Resources Initiative

**Myrna Cunningham**, Centro para la Autonomía y Desarrollo de los Pueblos Indígenas

**Teresa Eilu**, Land and Equity Movement of Uganda

**Peter Kitelo**, Kenya's Forest Indigenous Peoples Network

**Rachael Knight**, Namati

**Ruth Meinzen-Dick**, International Food Policy Research Institute

**Fred Nelson**, Maliasili Initiatives

**Samuel Nguiffo**, Centre for Environment and Development

**Michael Ochieng Odhiambo**, People, Land and Rural Development

**Gonzalo Oviedo**, International Union for Conservation of Nature

**Sabine Pallas**, Secretariat of the International Land Coalition

**Ghan Shyam Pandey**, Global Alliance of Community Forestry

**Duncan Pruett**, Oxfam International

**Kaspar Schmidt**, Helvetas Swiss Intercooperation

**Mina Setra**, Aliansi Masyarakat Adat Nusantara

**Silas Siakor**, Sustainable Development Institute

**Richard Smith**, Instituto del Bien Común

**Philippine Sutz**, International Institute for Environment and Development

**Victoria Tauli-Corpuz**, UN Special Rapporteur on the Rights of Indigenous Peoples

**Peter Veit**, World Resources Institute

**Tony La Viña**, Ateneo School of Government

## Endnotes

- 1 Rights and Resources Initiative. 2015. Who Owns the World's Land? Washington, D.C.: RRI. Retrieved 22 December 2015, from [www.rightsandresources.org/publication/whoonstheand](http://www.rightsandresources.org/publication/whoonstheand).
- 2 Customary land holders comprise roughly two billion people in Africa, South East and South Central Asia, and Latin America and the Caribbean only. Commission on Legal Empowerment of the Poor (CLEP) and United Nations Development Programme. 2008. Making the Law Work for Everyone. Vol.1. New York: Commission on Legal Empowerment of the Poor, pp. 79–80. Retrieved 22 December 2015, from [www.unrol.org/files/Making\\_the\\_Law\\_Work\\_for\\_Everyone.pdf](http://www.unrol.org/files/Making_the_Law_Work_for_Everyone.pdf);  
  
Alden Wily estimates that up to 2.5 billion people occupy, use and depend upon community lands. L. Alden Wily. 2015. pers. comm. and L. Alden Wily. 2016. Customary tenure: remaking property for the 21st century. In M. Graziadei and L. Smith (eds.) Comparative Property Law: Global Perspectives. Cheltenham: Edward Elgar. Retrieved 11 January 2016, from [www.researchgate.net/publication/285584601\\_Customary\\_tenure\\_remaking\\_property\\_for\\_the\\_21st\\_century](http://www.researchgate.net/publication/285584601_Customary_tenure_remaking_property_for_the_21st_century));  
  
McGahey et al. estimate that the number of people practising pastoralism could be closer to 500 million. D. McGahey et al. Pastoralism and the Green Economy. A Natural Nexus? Nairobi: IUCN and UNEP. Retrieved 22 December 2015, from [apps.unep.org/redirect.php?file=/publications/pmtdocuments/Pastoralism\\_and\\_the\\_Green\\_Economy\\_%e2%80%93\\_a\\_natural\\_nexus-2015\\_Final\\_\\_English\\_version\\_-\\_Study\\_.pdf](http://apps.unep.org/redirect.php?file=/publications/pmtdocuments/Pastoralism_and_the_Green_Economy_%e2%80%93_a_natural_nexus-2015_Final__English_version_-_Study_.pdf);  
  
The Forest Peoples Programme estimates that 1.6 billion rural people depend upon forests to some extent. S. Chao. 2012. Forest Peoples: Numbers across the world. Moreton-in-Marsh: Forest Peoples Programme. Retrieved 22 December 2015, from [www.forestpeoples.org/sites/fpp/files/publication/2012/05/forest-peoples-numbers-across-world-final\\_o.pdf](http://www.forestpeoples.org/sites/fpp/files/publication/2012/05/forest-peoples-numbers-across-world-final_o.pdf).
- 3 USAID Land Tenure and Property Rights Portal. Retrieved 22 December 2015, from [www.usaidlandtenure.net/issues/conflict](http://www.usaidlandtenure.net/issues/conflict).
- 4 Global Witness. 2014. Deadly environment: The dramatic rise in killings of environmental and land defenders. London: Global Witness Limited. Retrieved 22 December 2015, from [www.globalwitness.org/documents/12993/deadly%20environment.pdf](http://www.globalwitness.org/documents/12993/deadly%20environment.pdf);  
  
The Observatory for the Protection of Human Rights Defenders. 2014. 'We are not afraid' Land rights defenders: Attacked for confronting unbridled development. Paris: FIDH/OMCT. Retrieved 22 December 2015, from [www.fidh.org/IMG/pdf/obs\\_2014-uk-web2.pdf](http://www.fidh.org/IMG/pdf/obs_2014-uk-web2.pdf).
- 5 K. Deininger. 2003. Land policies for growth and poverty reduction. The World Bank and Oxford University Press. Retrieved 22 December 2015, from [documents.worldbank.org/curated/en/2003/06/2457830/land-policies-growth-poverty-reduction](http://documents.worldbank.org/curated/en/2003/06/2457830/land-policies-growth-poverty-reduction);  
  
IFAD. 2003. Indigenous peoples and sustainable development. Roundtable Discussion Paper for the Twenty-Fifth. Ifad: Rome. Retrieved 15 January 2016, from <http://www.ifad.org/gbdocs/gc/26/ej/ip.pdf>.
- 6 C. Nolte et al. 2013. Governance regime and location influence avoided deforestation success of protected areas in the Brazilian Amazon. Proceedings of the National Academy of Sciences. 110 (13). Retrieved 22 December 2015, from [www.pnas.org/content/110/13/4956.short](http://www.pnas.org/content/110/13/4956.short);  
  
B.E. Robinson et al. 2013. Does Secure Land Tenure Save Forests? A Meta-Analysis of the Relationship Between Land Tenure and Tropical Deforestation. Global Environmental Change. 29, 281–293. Retrieved 22 December 2015, from [www.researchgate.net/publication/256495514\\_Does\\_Secure\\_Land\\_Tenure\\_Save\\_Forests\\_A\\_meta-analysis\\_of\\_the\\_relationship\\_between\\_land\\_tenure\\_and\\_tropical\\_deforestation](http://www.researchgate.net/publication/256495514_Does_Secure_Land_Tenure_Save_Forests_A_meta-analysis_of_the_relationship_between_land_tenure_and_tropical_deforestation);  
  
A. Chhatre and A. Agrawal. 2009. Trade-offs and Synergies between Carbon Storage and Livelihood Benefits from Forest Commons. Proceedings of the National Academy of Sciences. 106 (42), 17667–17670. Retrieved 22 December 2015, from [www.pnas.org/content/106/42/17667.full.pdf](http://www.pnas.org/content/106/42/17667.full.pdf);  
  
J. Pretty et al. 2009. The Intersections of Biological Diversity and Cultural Diversity: Towards Integration. Conservation and Society. 7 (2), 100–112. Retrieved 22 December 2015, from [www.conservationandsociety.org/article.asp?issn=0972-4923;year=2009;volume=7;issue=2;spage=100;epage=112;aulast=Pretty](http://www.conservationandsociety.org/article.asp?issn=0972-4923;year=2009;volume=7;issue=2;spage=100;epage=112;aulast=Pretty).
- 7 Terms explained in this box are not normative. They are a tool for a general audience, and drawn from a variety of sources, including LandMark. 2016. Definitions. Retrieved 15 January 2016, from [www.landmarkmap.org](http://www.landmarkmap.org); and University of Minnesota. Undated. Circle of Rights. Module 18. Retrieved 15 January 2016, from: [www1.umn.edu/humanrts/edumat/IHRIP/circle/modules/module18.htm](http://www1.umn.edu/humanrts/edumat/IHRIP/circle/modules/module18.htm). The text remains, however, the sole responsibility of the author and publishers.
- 8 For further reading, see B. Feiring. 2013. Indigenous peoples' rights to lands, territories, and resources. International Land Coalition: Rome. Retrieved 29 December 2015, from [www.landcoalition.org/sites/default/files/documents/resources/IndigenousPeoplesRightsLandTerritoriesResources.pdf](http://www.landcoalition.org/sites/default/files/documents/resources/IndigenousPeoplesRightsLandTerritoriesResources.pdf).
- 9 For further reading and guidance on customary tenure, see the Voluntary Guidelines on the Responsible Governance of Tenure of Land, Fisheries and Forests in the Context of National Food Security. Retrieved 30 December 2015, from [www.fao.org/nr/tenure/voluntary-guidelines/en](http://www.fao.org/nr/tenure/voluntary-guidelines/en).
- 10 Rights and Resources Initiative. 2015. Who Owns the World's Land? Washington, D.C.: RRI. Retrieved 19 January 2016, from [www.rightsandresources.org/publication/whoonstheand](http://www.rightsandresources.org/publication/whoonstheand).
- 11 For further reading, see J. Gilbert. 2013. Land rights as human rights. The case for a specific right to land. International Journal on Human Rights. V. 10 (18). Retrieved 30 December 2015, from [papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2401190](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2401190).
- 12 United Nations Declaration on the Rights of Indigenous Peoples (UNDRIP) 2008. Retrieved 22 December 2015, from [www.ohchr.org/EN/Issues/IPeoples/Pages/Declaration.aspx](http://www.ohchr.org/EN/Issues/IPeoples/Pages/Declaration.aspx).
- 13 B. Feiring. 2013. Op. cit.
- 14 K. Deininger. 2003. Op. cit.;
- K. Deininger. 2005. Land Policies for Growth and Poverty Reduction: Key Issues and Challenges Ahead. Catastro: Madrid. Retrieved 22 December 2015, from [www.catastro.minhap.es/documentos/publicaciones/ct/cts4/02-catastro\\_54\\_ing.pdf](http://www.catastro.minhap.es/documentos/publicaciones/ct/cts4/02-catastro_54_ing.pdf);  
  
Landesa. 2012. Land Rights and Food Security. Issue Brief: Seattle. Retrieved 22 December 2015, from [www.landesia.org/wp-content/uploads/Landesia-Issue-Brief-Land-Rights-and-Food-Security.pdf](http://www.landesia.org/wp-content/uploads/Landesia-Issue-Brief-Land-Rights-and-Food-Security.pdf).
- 15 K. Deininger. 2003. Op. cit., 19–21;  
  
M. Ojanen et al. 2014. What are the environmental impacts of property rights regimes in forests, fisheries and rangelands? A Systematic Review Protocol. Environmental Evidence. 3 (19). Retrieved 22 December 2015, from [www.cifor.org/publications/pdf\\_files/articles/AOjanen1401.pdf](http://www.cifor.org/publications/pdf_files/articles/AOjanen1401.pdf).
- 16 K. Von Grebmer et al. 2012. Global Hunger Index. The challenge of hunger: ensuring sustainable food security under land, water, and energy stresses. Bonn, Washington, D.C., Dublin: Welthungerhilfe, International Food Policy Research Institute (IFPRI), Concern Worldwide. Retrieved 22 December 2015, from [ebrary.ifpri.org/utils/getfile/collection/p15738coll2/id/127150/filename/127361.pdf](http://ebrary.ifpri.org/utils/getfile/collection/p15738coll2/id/127150/filename/127361.pdf).
- 17 J. Baka 2013. Why wastelands matter for rural livelihoods in south India. LSE blogs. Retrieved 30 December 2015, from [blogs.lse.ac.uk/southasia/2013/11/11/why-wastelands-matter-for-rural-livelihoods-in-south-india](http://blogs.lse.ac.uk/southasia/2013/11/11/why-wastelands-matter-for-rural-livelihoods-in-south-india).
- 18 L. Burke, J. Ranganathan and R. Winterbottom (eds.) 2015. Revaluing Ecosystems: Pathways for scaling up the inclusion of ecosystem value in decision making. World Resources Institute. Retrieved 30 December 2015, from [www.wri.org/sites/default/files/Revaluing\\_Ecosystems\\_April\\_2015\\_2.pdf](http://www.wri.org/sites/default/files/Revaluing_Ecosystems_April_2015_2.pdf).
- 19 F.F.K. Byamugisha. 2013. Securing Africa's land for shared prosperity: a program to scale up reforms and investments. Africa Development Forum. Washington, D.C.: World Bank Group. Retrieved 30 December 2015, from [documents.worldbank.org/curated/en/2013/01/17782306/securing-africas-land-shared-prosperity-program-scale-up-reforms-investments](http://documents.worldbank.org/curated/en/2013/01/17782306/securing-africas-land-shared-prosperity-program-scale-up-reforms-investments).
- 20 Ibid.
- 21 World Bank Group. 2013. How Africa Can Transform Land Tenure, Revolutionize Agriculture, and End Poverty. World Bank press release. Retrieved 30 December 2015, from [www.worldbank.org/en/news/press-release/2013/07/22/how-africa-can-transform-land-tenure-revolutionize-agriculture-end-poverty](http://www.worldbank.org/en/news/press-release/2013/07/22/how-africa-can-transform-land-tenure-revolutionize-agriculture-end-poverty).
- 22 B. Wehrmann 2008. Land Conflicts: A practical guide to dealing with land disputes. Deutsche Gesellschaft für Technische Zusammenarbeit (GIZ). Retrieved 30 December 2015, from [www.giz.de/fachexpertise/downloads/Fachexpertise/giz2008-en-land-conflicts.pdf](http://www.giz.de/fachexpertise/downloads/Fachexpertise/giz2008-en-land-conflicts.pdf);  
  
W. Anseu et al. 2012. Land Rights and the Rush for Land: Findings of the Global Commercial Pressures on Land Research Project. Rome: International Land Coalition. Retrieved 30 December 2015, from [www.landcoalition.org/sites/default/files/documents/resources/ILC%20GSR%20report\\_ENG.pdf](http://www.landcoalition.org/sites/default/files/documents/resources/ILC%20GSR%20report_ENG.pdf).

## ENDNOTES

- 23 GIZ. Undated. Protection and Sustainable Management of Indigenous Areas in the Amazon. Retrieved 30 December 2015, from [www.giz.de/en/worldwide/i2525.html](http://www.giz.de/en/worldwide/i2525.html).
- 24 D. Nepstad et al. 2006. Inhibition of Amazon Deforestation and Fire by Parks and Indigenous Lands. *Conservation Biology*, 20 (1), 65–73. Retrieved 30 December 2015, from [onlinelibrary.wiley.com/doi/10.1111/j.1523-1739.2006.00351.x/abstract?jsessionid=B93AAA44B25245CAEB21D-C4AC4CEDF52.f03t01?userIsAuthenticated=false&deniedAccessCustomisedMessage](http://onlinelibrary.wiley.com/doi/10.1111/j.1523-1739.2006.00351.x/abstract?jsessionid=B93AAA44B25245CAEB21D-C4AC4CEDF52.f03t01?userIsAuthenticated=false&deniedAccessCustomisedMessage).
- 25 C. Stevens et al. 2014. Securing Rights, Combating Climate Change: How Strengthening Community Forest Rights Mitigates Climate Change. World Resources Institute and Rights and Resources Initiative. Retrieved 30 December 2015, from <http://www.wri.org/securingrights>.
- 26 C. Nolte et al. 2013. Governance regime and location influence avoided deforestation success of protected areas in the Brazilian Amazon. *PNAS*. Retrieved 30 December 2015, from [www.ifriresearch.net/wp-content/uploads/2013/08/Nolte-et-al-2013\\_PNAS.pdf](http://www.ifriresearch.net/wp-content/uploads/2013/08/Nolte-et-al-2013_PNAS.pdf).
- 27 A. Chhatre and A. Agrawal. 2008. Forest Commons and Local Enforcement. *PNAS*, 105 (36), 13286–91. Retrieved 30 December 2015, from <http://www.pnas.org/content/105/36/13286.short>.
- 28 C. Stevens et al. 2014. Op. cit.
- 29 L. Porter-Bolland et al. 2011. Community Managed Forests and Forest Protected Areas: An assessment of their conservation effectiveness across the tropics. *Forest Ecology and Management*. Retrieved 30 December 2015, from [www.cifor.org/publications/pdf\\_files/articles/AGuariguata1101.pdf](http://www.cifor.org/publications/pdf_files/articles/AGuariguata1101.pdf).
- 30 D. Brown and K. Schreckenberg. 1998. Shifting Cultivators as Agents of Deforestation: Assessing the evidence. ODI. Natural Resource perspectives, 29. Retrieved 30 December 2015, from [www.odi.org/sites/odi.org.uk/files/odi-assets/publications-opinion-files/2911.pdf](http://www.odi.org/sites/odi.org.uk/files/odi-assets/publications-opinion-files/2911.pdf).
- 31 C.R. Clement et al. 2015. The Domestication of Amazonia Before European Conquest. *The Royal Society Proceedings*, 282 (1812). Retrieved 30 December 2015, from [rsob.royalsocietypublishing.org/content/282/1812/20150813](http://rsob.royalsocietypublishing.org/content/282/1812/20150813).
- 32 J. Fairhead, M. Leach and I. Scoones. 2012. Green Grabbing: A new appropriation of nature? *Journal of Peasant Studies*, 39:2, 237–61. Retrieved 30 December 2015, from [www.iccaconsortium.org/wp-content/uploads/images/stories/Database/issueexamples/green\\_grabbing\\_new\\_approach\\_to\\_nature.pdf](http://www.iccaconsortium.org/wp-content/uploads/images/stories/Database/issueexamples/green_grabbing_new_approach_to_nature.pdf);
- A. Agrawal and K. Redford. 2009. Conservation and Displacement: An Overview. *Conservation Society*. 2009 (7), 1–10. Retrieved 30 December 2015, from [www.conservationandsociety.org/article.asp?issn=0972-4923;year=2009;volume=7;issue=1;page=1;epage=10;aulast=Agrawal](http://www.conservationandsociety.org/article.asp?issn=0972-4923;year=2009;volume=7;issue=1;page=1;epage=10;aulast=Agrawal).
- 33 D. Juffe-Bignoli et al. 2014. Protected Planet Report 2014. UNEP-WCMC: Cambridge, UK. Retrieved 22 December 2015, from [www.iucn.org/about/work/programmes/gpap\\_home/gpap\\_biodiversity/gpap\\_protectedplanet/?18786/Protected-Planet-Report-2014](http://www.iucn.org/about/work/programmes/gpap_home/gpap_biodiversity/gpap_protectedplanet/?18786/Protected-Planet-Report-2014).
- 34 D. Brockington and J. Igoe. 2006. Eviction for Conservation: A Global Overview. *Conservation Society*. 2006 (4), 424–70. Retrieved 30 December 2015, from [www.conservationandsociety.org/article.asp?issn=0972-4923;year=2006;volume=4;issue=3;page=424;epage=470;aulast=Brockington](http://www.conservationandsociety.org/article.asp?issn=0972-4923;year=2006;volume=4;issue=3;page=424;epage=470;aulast=Brockington).
- 35 Convention on Biological Diversity. Retrieved 30 December 2015, from [www.cbd.int/traditional/what.shtml](http://www.cbd.int/traditional/what.shtml).
- 36 Equator Initiative. 2014. Equator Prize 2014. Retrieved 30 December 2015, from [equatorinitiative.org/index.php?option=com\\_content&view=article&id=840&lang=en](http://equatorinitiative.org/index.php?option=com_content&view=article&id=840&lang=en).
- 37 L. Coad et al. 2008. The Costs and Benefits of Protected Areas for Local Livelihoods: a review of the current literature. Working Paper. UNEP World Conservation Monitoring Centre, Cambridge, UK. Retrieved 30 December 2015, from [old.unep-wcmc.org/medialibrary/2010/10/05/e4a2337d/Coad\\_et\\_al\\_2008\\_Working\\_Paper.pdf](http://old.unep-wcmc.org/medialibrary/2010/10/05/e4a2337d/Coad_et_al_2008_Working_Paper.pdf).
- 38 Y. Malhi and J. Grace. 2000. Tropical Forests and Atmospheric Carbon Dioxide. *Trends in Ecology and Evolution*, 15 (8), 333–37. Retrieved 30 December 2015, from [www.sciencedirect.com/science/article/pii/S016953470019066](http://www.sciencedirect.com/science/article/pii/S016953470019066);
- S. Lewis et al. 2009. Increasing Carbon Storage in Intact African Tropical Forests. *Nature*. 457, 1003–7. Retrieved 30 December 2015, from <http://www.nature.com/nature/journal/v457/n7232/abs/nature07771.html>.
- 39 D. Bunker et al. 2005. Species Loss and Aboveground Carbon Storage in a Tropical Forest. *Science*, 310, 1029–31. Retrieved 30 December 2015, from [www.sciencemag.org/content/310/5750/1029](http://www.sciencemag.org/content/310/5750/1029).
- 40 United Nations Framework Convention on Climate Change. 2015. Adoption of the Paris Agreement. V. 136, 19. Retrieved 30 December 2015, from [unfccc.int/documentation/documents/advanced\\_search/items/6911.php?prifref=600008831](http://unfccc.int/documentation/documents/advanced_search/items/6911.php?prifref=600008831).
- 41 Rights and Resources Initiative. 2015. Looking for Leadership: New inspiration and momentum amidst crises. Retrieved 30 December 2015, from [www.rightsandresources.org/publication/looking-for-leadership-new-inspiration-and-momentum-amidst-crises/](http://www.rightsandresources.org/publication/looking-for-leadership-new-inspiration-and-momentum-amidst-crises/).
- 42 M.C. Bustos. 2014. UN Climate Negotiations: Indigenous Resistance from Within. *NACLA*. Retrieved 30 December 2015, from [nacla.org/news/2014/11/11/un-climate-negotiations-indigenous-resistance-within](http://nacla.org/news/2014/11/11/un-climate-negotiations-indigenous-resistance-within).
- 43 Fundação Nacional do Índio (FUNAI). 2014. Terra Indígena (Regularizada, Homologada, Declarada, Delimitada e Área em Estudo). FUNAI, Brasília. Retrieved 15 May 2014, from <http://www.funai.gov.br/index.php/shape>;
- S.S. Saatchi et al. 'Benchmark Map of Forest Carbon Stocks in Tropical Regions across Three Continents.' *Proceedings of the National Academy of Sciences* 108 (24): 9899–9904.
- 44 CIYA. 2014. The Expert Mechanism on the Rights of Indigenous People – Access to Justice. Retrieved 30 December 2015, from [www.ohchr.org/Documents/Issues/IPeoples/EMRIP/FollowupStudyAccessToJustice/CambodiaIndigenousYouthAssociation.pdf](http://www.ohchr.org/Documents/Issues/IPeoples/EMRIP/FollowupStudyAccessToJustice/CambodiaIndigenousYouthAssociation.pdf);
- AIPP. 2015. Contribution to the UNSR Thematic Report on Natural Resource Exploitation and the rights to freedom of peaceful assembly and of association. Retrieved 30 December 2015, from [www.ohchr.org/Documents/Issues/FAssociation/NaturalResource/AIPP\\_E.pdf](http://www.ohchr.org/Documents/Issues/FAssociation/NaturalResource/AIPP_E.pdf).
- 45 F. Pearce. 2016. 'It's time to give nature back to local people.' *BBC Wildlife magazine*.
- 46 D. Hughell and R. Butterfield. 2008. Impact of FSC Certification on Deforestation and the Incidence of Wildfires in the Maya Biosphere Reserve. *Rainforest Alliance*. Retrieved 30 December 2015, from [www.rainforest-alliance.org/forestry/documents/peten\\_study.pdf](http://www.rainforest-alliance.org/forestry/documents/peten_study.pdf).
- 47 Pastoralism is practised in more than 75% of the world's nations. Some reports estimate that pastoralism is practised by somewhere between 100 to 200 million people, yet the precise figure could be closer to 500 million (McGahey et al. 2014. Op. cit.).
- 48 G.P. Asner et al. 2004. Grazing Systems, Ecosystem Responses, and Global Change. *Annual Review of Environment and Resources*. 29: 261–99. Retrieved 30 December 2015, from [andrew.elmore.cc/pubs/AsnerARER2004-grazing.pdf](http://andrew.elmore.cc/pubs/AsnerARER2004-grazing.pdf).
- 49 Senzeni Zokwana. 2015. Agriculture, Economics and Trade. Speech to 9th Agribusiness Africa Conference July 2015. Retrieved 30 December 2015, from [www.gov.za/speeches/minister-senzeni-zokwana-9th-agribusiness-africa-conference-2015-16-jul-2015-0000](http://www.gov.za/speeches/minister-senzeni-zokwana-9th-agribusiness-africa-conference-2015-16-jul-2015-0000).
- 50 C. Hesse. 2009. Arid waste? Reassessing the value of dryland pastoralism, IIED: London. Retrieved 30 December 2015, from [pubs.iied.org/17065IIED.html](http://pubs.iied.org/17065IIED.html).
- 51 McGahey et al. 2014. Op. cit.
- 52 McGahey et al. 2014. Op. cit.
- 53 Mann et al. 2015. Beefing Up Species Richness? The Effect of Land-Use on Mammal Diversity in an Arid Biodiversity Hotspot. *African Journal of Wildlife Research* 45(3), 321–331. Retrieved 30 December 2015, from [www.bioone.org/doi/abs/10.3957/056.045.0321](http://www.bioone.org/doi/abs/10.3957/056.045.0321).
- Vermeire et al. 2014. Semiarid Rangeland Is Resilient to Summer Fire and Postfire Grazing Utilization. *Rangeland Ecology and Management* 67, 52–60. Retrieved 30 December 2015, from [www.bioone.org/doi/abs/10.2111/REM-D-13-0007.1](http://www.bioone.org/doi/abs/10.2111/REM-D-13-0007.1).
- 54 M. Niamir-Fuller et al. 2012. Co-existence of wildlife and pastoralism on extensive rangelands: competition or compatibility? *Pastoralism*, 2:8. Retrieved 30 December 2015, from [link.springer.com/article/10.1186/2041-7136-2-8#page-1](http://link.springer.com/article/10.1186/2041-7136-2-8#page-1).
- 55 F. Nelson. 2012. Natural conservationists? Evaluating the impact of pastoralist land use practices on Tanzania's wildlife economy. *Pastoralism*, 2:15. Retrieved 30 December 2015, from [link.springer.com/article/10.1186/2041-7136-2-15](http://link.springer.com/article/10.1186/2041-7136-2-15).
- 56 IUCN. 2015. Pastoralism provides crucial services to humanity, can support green economy transition. Retrieved 30 December 2015, from [www.iucn.org/?uNewsID=1901345](http://www.iucn.org/?uNewsID=1901345);
- FAO. 2013. Tackling climate change through livestock: a global assessment of emissions and mitigation opportunities. Retrieved 30 December 2015, from [www.cabdirect.org/abstracts/20133417883.html?jsessionid=1F654A268A18EC85422F701077127DD](http://www.cabdirect.org/abstracts/20133417883.html?jsessionid=1F654A268A18EC85422F701077127DD).

- 57 The World Initiative for Sustainable Pastoralism. 2006. *Global Review of the Economics of Pastoralism*. Nairobi: IUCN. Retrieved 30 December 2015, from [cmsdata.iucn.org/downloads/global\\_review\\_of\\_the\\_economics\\_of\\_pastoralism\\_en.pdf](http://cmsdata.iucn.org/downloads/global_review_of_the_economics_of_pastoralism_en.pdf).
- 58 McGahey et al. 2014. Op. cit.
- 59 H. Ykhanbai and K. Boroowa. 2015. Innovative contractual arrangement for community-based management of pastureland improves livelihoods and reduces degradation, Mongolia. Case study of the ILC Database of Good Practices. Rome: ILC. Retrieved 30 December 2015, from [http://www.landcoalition.org/sites/default/files/documents/resources/case\\_studies\\_leaflet\\_10\\_mongolia.pdf](http://www.landcoalition.org/sites/default/files/documents/resources/case_studies_leaflet_10_mongolia.pdf)
- 60 P.M. Herrera et al. 2014. *The Governance of Rangelands. Collective Action for Sustainable Pastoralism*. Routledge: New York.
- 61 Registro Agrario Nacional (RAN). 2015. *Núcleos Agrarios*. RAN, Mexico.
- 62 The Munden Project. 2012. *The Financial Risks of Insecure Land Tenure: An Investment View*. Rights and Resources Initiative: Washington, D.C. Retrieved 30 December 2015, from [www.rightsandresources.org/documents/files/doc\\_5715.pdf](http://www.rightsandresources.org/documents/files/doc_5715.pdf).
- 63 M. Rowling. 2015. Lack of local land rights harms fight against poverty, climate change-researchers. Article at Reuters. Retrieved 30 December 2015, from [uk.reuters.com/article/2015/09/30/uk-land-rights-development-idUKKCNORU1OM20150930](http://uk.reuters.com/article/2015/09/30/uk-land-rights-development-idUKKCNORU1OM20150930);
- A. Alforte. 2014. *Communities as counter-parties: Preliminary review of concessions and conflicts in emerging and frontier market concessions*. Rights and Resources Initiative: Washington, D.C. Retrieved 30 December 2015, from [www.rightsandresources.org/wp-content/uploads/Communities-as-Counterparties-FINAL\\_Oct-21.pdf](http://www.rightsandresources.org/wp-content/uploads/Communities-as-Counterparties-FINAL_Oct-21.pdf).
- 64 BBC. 2010. India rejects Vedanta plans to mine tribal land. BBC Online article. Retrieved 30 December 2015, from [www.bbc.co.uk/news/world-south-asia-11067678](http://www.bbc.co.uk/news/world-south-asia-11067678);
- Mega Mendavia. 2015. S&P downgrades Vedanta Resources credit rating to 'BB-' on negative outlook. *The Economic Times*. Retrieved 15 January 2016, from [http://articles.economictimes.indiatimes.com/2015-04-07/news/60902758\\_1\\_vedanta-aluminium-operations-negative-outlook](http://articles.economictimes.indiatimes.com/2015-04-07/news/60902758_1_vedanta-aluminium-operations-negative-outlook);
- Mega Mendavia. 2015. S&P downgrades Vedanta Resources credit rating. *The Economic Times*. Retrieved 15 January 2016, from <http://economictimes.indiatimes.com/industry/indl-goods/svs/steel/sp-downgrades-vedanta-resources-credit-rating/articleshow/49470492.cms>;
- Anirudh Sethi Report. 2015. *Standard & Poor's -Vedanta Resources PLC Ratings Lowered To 'B+' From 'BB-' On Weak Financial Position; Outlook Negative*. Retrieved 15 January 2016, from <http://www.anirudhsethireport.com/standard-outlook-negative/>.
- 65 First Peoples Worldwide. 2013. *The Missing Risk: How Indigenous Peoples Can Make or Break Your Portfolio*. Article. Retrieved 30 December 2015, from [firstpeoples.org/wp/the-missing-risk-how-indigenous-peoples-can-make-or-break-your-portfolio/](http://firstpeoples.org/wp/the-missing-risk-how-indigenous-peoples-can-make-or-break-your-portfolio/).
- 66 D.M. Franks et al. 2014. Conflict translates environmental and social risk into business costs. *Proc. Natl. Acad. Sci. USA*. 111 (21). Retrieved 30 December 2015, from [www.ncbi.nlm.nih.gov/pubmed/24821758](http://www.ncbi.nlm.nih.gov/pubmed/24821758).
- 67 The Interlaken Group and the Rights and Resources Initiative. 2015. *Respecting Land and Forest Rights: A Guide for Companies*. Washington, D.C.: The Interlaken Group and RRI. Retrieved 30 December 2015, from [http://www.ifc.org/wps/wcm/connect/31bcdf-8049facb229159b3e54d14794/InterlakenGroup-Guide\\_web\\_final.pdf?MOD=AJPERES](http://www.ifc.org/wps/wcm/connect/31bcdf-8049facb229159b3e54d14794/InterlakenGroup-Guide_web_final.pdf?MOD=AJPERES)
- 68 Shankar Gopalakrishnan. 2015. *The growing threats to India's Financial system*. RRI Issue Brief 2015 (1). Retrieved 30 December 2015, from [www.rightsandresources.org/publication/the-growing-threats-to-indias-financial-system-easy-access-and-clearances-of-land-and-natural-resources-2/](http://www.rightsandresources.org/publication/the-growing-threats-to-indias-financial-system-easy-access-and-clearances-of-land-and-natural-resources-2/).
- 69 <http://www.behindthebrands.org/>.
- 70 Oxfam. 2013. *The Coca-Cola Company declares "zero tolerance" for land grabs in supply chain*. Press release. Retrieved 30 December 2015, from [www.oxfam.org/en/pressroom/pressreleases/2013-11-08/coca-cola-company-declares-zero-tolerance-land-grabs-supply-chain](http://www.oxfam.org/en/pressroom/pressreleases/2013-11-08/coca-cola-company-declares-zero-tolerance-land-grabs-supply-chain).
- 71 PepsiCo. 2014. *PepsiCo Land Policy*. Retrieved 30 December 2015, from [www.pepsico.com/Assets/Download/PepsiCo\\_Land\\_Policy.pdf](http://www.pepsico.com/Assets/Download/PepsiCo_Land_Policy.pdf).
- 72 G. Hardin. 1968. *The Tragedy of the Commons*. *Science*, Vol. 162. N. 3859, 1243–1248. Retrieved 30 December 2015, from [www.sciencemag.org/content/162/3859/1243.full](http://www.sciencemag.org/content/162/3859/1243.full).
- 73 G. Hardin. 1985. *Who benefits? Who pays? From Filters Against Folly*. Penguin Books. Retrieved 30 December 2015, from [www.garretthardinsociety.org/articles/art\\_who\\_benefits\\_who\\_pays.html](http://www.garretthardinsociety.org/articles/art_who_benefits_who_pays.html).
- 74 S. Ciriacy-Wantrup and R. Bishop. 1975. 'Common Property' as a Concept in Natural Resources Policy. *Natural Resource Journal*, 15, 713–727; Retrieved 30 December 2015, from [lawschool.unm.edu/nrj/volumes/15/4/06\\_ciriacy\\_wantrup\\_common.pdf](http://lawschool.unm.edu/nrj/volumes/15/4/06_ciriacy_wantrup_common.pdf);
- S. J. Cox. 1985. 'No Tragedy on the Commons.' *Environmental Ethics*, 7, 49–62;
- For further reading on the literature on the commons, visit the Digital Library of the Commons on the Indiana University website at: <https://dlc.dlib.indiana.edu/dlc/>.
- 75 E. Ostrom et al. 1999. *Revisiting the Commons: Local Lessons, Global Challenges*. *Science*, 284 (5412), 278–282. Retrieved 30 December 2015, from [www.sciencemag.org/content/284/5412/278.abstract](http://www.sciencemag.org/content/284/5412/278.abstract).
- 76 E. Ostrom. 1990. *Governing the Commons*. Cambridge University Press: Cambridge, UK.
- 77 Ibid.
- 78 The Constitutional Court Of The Republic Of Indonesia, Number 35/PUU-X/2012; (Undated) *Constitutional Court Annuls Government Ownership of Customary Forests*. Jakarta Globe. Retrieved 30 December 2015, from [jakartaglobe.beritasatu.com/news/constitutional-court-annuls-government-ownership-of-customary-forests/](http://jakartaglobe.beritasatu.com/news/constitutional-court-annuls-government-ownership-of-customary-forests/).
- 79 Rights and Resources Initiative. 2016. *Closing the Gap: Strategies and scale needed to secure rights and save forests*. Washington, D.C.: RRI. Retrieved 30 December 2015, from <http://www.rightsandresources.org/en/closing-the-gap/>
- 80 Rights and Resources Initiative. 2014. *What Future for Reform? Progress and slowdown in forest tenure reform since 2002*. Washington, D.C.: RRI. Retrieved 30 December 2015, from [www.rightsandresources.org/wp-content/uploads/doc\\_6587.pdf](http://www.rightsandresources.org/wp-content/uploads/doc_6587.pdf).
- 81 N. Natahadibrata. 2015. *Land rule revised to speed up projects*. The Jakarta Post. Retrieved 30 December 2015, from [www.thejakartapost.com/news/2015/02/17/land-rule-revised-speed-projects.html#sthash:j54voMf8.dpuf](http://www.thejakartapost.com/news/2015/02/17/land-rule-revised-speed-projects.html#sthash:j54voMf8.dpuf).
- 82 Rights and Resources Initiative. 2016. Op. cit.
- 83 Figures on Australia include 'indigenous managed lands' and 'indigenous co-managed lands' (for definitions, see Montreal Process Implementation Group for Australia and National Forest Inventory Steering Committee. 2013. *Australia's State of the Forests Report 2013*, ABARES, Canberra, December. CC BY 3.0. Retrieved 30 December 2015, from <http://www.agriculture.gov.au/abares/forestsaustralia/Documents/sofr2013-web2.pdf>) and not 'native titles', which do not meet the necessary requirements to be considered under land 'designated for Indigenous Peoples' (RRI, 2015). Australia is the only former British colony where treaties were not made with the local peoples. The 'native title' requires communities to show a continuous connection to the land, as defined by coloniser law, reinforcing the impacts of generations of policies that have removed people from their territories. In addition, under 'native titles', land rights are often only recognized to the point that they do not inhibit national or corporate interests in natural resources. This has often caused, for example, the destruction of sacred sites by mining companies.
- 84 Rights and Resources Initiative. 2015. Op. cit. p. 11.
- 85 M. Rugadya, H. Kamusiime and E. Nsamba-Gayiyi. 2010. *Tenure in Mystery: Status of Land under Wildlife, Forestry and Mining Concessions in Karamoja Region, Uganda*. Retrieved 30 December 2015, from [www.celep.info/wp-content/uploads/downloads/2011/03/Final-Report-Status-of-Karamoja-Land.pdf](http://www.celep.info/wp-content/uploads/downloads/2011/03/Final-Report-Status-of-Karamoja-Land.pdf).
- 86 L. Alden Wily. 2012. *Grand Larceny in the Tropics. Patrick McAuslan's Role in Limiting Legal Land Theft in Africa*. Paper presented at 'Law and Development: Patrick McAuslan's Oyssey 1961–2011.' Birkbeck College, University of London. 12–13 January 2012. Retrieved 30 December 2015, from [www.bbk.ac.uk/law/news/LizforPatrickJan2012.pdf](http://www.bbk.ac.uk/law/news/LizforPatrickJan2012.pdf).
- 87 Rights and Resources Initiative. 2015. *Who owns the land in Africa? RRI Factsheet*. Retrieved 30 December 2015, from [www.rightsandresources.org/publication/who-owns-the-land-in-africa/](http://www.rightsandresources.org/publication/who-owns-the-land-in-africa/).
- 88 G. Hilson. 2002. *An overview of conflicts in mining communities*. *Land Use Policy*, 19 (1), 65–67. Retrieved 30 December 2015, from [www.sciencedirect.com/science/article/pii/S0264837701000436](http://www.sciencedirect.com/science/article/pii/S0264837701000436);
- S. Lange. 2008. *Land Tenure and Mining in Tanzania*. CMI Reports No. 2. Retrieved 30 December 2015, from [www.cmi.no/publications/file/3008-land-tenure-and-mining-in-tanzania.pdf](http://www.cmi.no/publications/file/3008-land-tenure-and-mining-in-tanzania.pdf);
- Rights and Resources Initiative. 2013. *Landowners or Laborers: What choice will developing countries make?* Washington, D.C.: RRI. Retrieved 30 December 2015, from [www.rightsandresources.org/documents/files/doc\\_5714.pdf](http://www.rightsandresources.org/documents/files/doc_5714.pdf).
- 89 Rights and Resources Initiative. 2016. Op. Cit.

## ENDNOTES

- 90 R. Knight et al. 2012. Protecting Community Lands and Resources: Evidence from Liberia, Mozambique and Uganda. Rome: IDLO and Namati. Retrieved 30 December 2015, from [www.idlo.int/sites/default/files/Protecting%20Community%20Lands%20and%20Resources%20-%20Executive%20Summary.pdf](http://www.idlo.int/sites/default/files/Protecting%20Community%20Lands%20and%20Resources%20-%20Executive%20Summary.pdf).
- 91 Rights and Resources Initiative. 2013. Op. cit.
- 92 R. Espinoza Llanos and C. Feather. 2011. Op cit.
- 93 B. Zagema. 2011. Land and Power. Oxford: Oxfam International. Retrieved 30 December 2015, from [www.oxfam.org/en/research/land-and-power](http://www.oxfam.org/en/research/land-and-power);
- J. Borras et al. 2011. Towards a better understanding of global land grabbing. An editorial introduction. *Journal of Peasant Studies*. Vol. 38 (2);
- W. Anseeuw et al. 2012. Op. cit.;
- G.C. Schoneveld. 2014. The Geographic and Sectoral Patterns of Large-Scale Farmland Investments in Sub-Saharan Africa. *Food Policy*, 48, 34–50. Retrieved 30 December 2015, from <http://www.sciencedirect.com/science/article/pii/S0306919214000475>.
- 94 <http://www.landmatrix.org/en/>.
- 95 E. Daley. 2012. Gendered Impacts of Commercial Pressures on Land. International Land Coalition: Rome. Retrieved 30 December 2015, from [www.landcoalition.org/en/resources/gendered-impacts-commercial-pressures-land](http://www.landcoalition.org/en/resources/gendered-impacts-commercial-pressures-land).
- 96 For further reading, see J.D. Gurung. 2010. Gender and REDD: Threat or opportunity for mountain women? In ICIMOD, Sustainable Mountain Development, pp. 30–31. Retrieved 30 December 2015, from [lib.icimod.org/record/26873/files/c\\_attachment\\_704\\_5940.pdf](http://lib.icimod.org/record/26873/files/c_attachment_704_5940.pdf);
- WOCAN and United States Forest Service. 2011. Getting REDD+ Right for Women. USAID: Washington. Retrieved 30 December 2015, from [http://gender-climate.org/wp-content/uploads/docs/publications/Gender\\_REDD\\_Asia\\_Regional\\_Analysis.pdf](http://gender-climate.org/wp-content/uploads/docs/publications/Gender_REDD_Asia_Regional_Analysis.pdf);
- A.M. Larson et al. 2015. The role of women in early REDD+ implementation: lessons for future engagement. *International Forestry Review* Vol. 17 (1). Retrieved 30 December 2015, from [www.cifor.org/library/5495/the-role-of-women-in-early-redd-implementation-lessons-for-future-engagement](http://www.cifor.org/library/5495/the-role-of-women-in-early-redd-implementation-lessons-for-future-engagement);
- D.L. Coppock et al. 2013. Women as Change Agents in the World's Rangelands: Synthesis and Way Forward. *Rangelands*, 35 (6): 82–90. Retrieved 30 December, from <http://www.bioone.org/doi/pdf/10.2111/RANGELANDS-D-13-00048.1>.
- 97 E. Daley and S. Pallas. 2014. Women and Land Deals in Africa and Asia: Weighing the Implications and Changing the Game. *Feminist Economics*. V. 20 (1). 178–201. Retrieved 30 December 2015, from [www.tandfonline.com/doi/full/10.1080/13545701.2013.860232](http://www.tandfonline.com/doi/full/10.1080/13545701.2013.860232).
- 98 Reuters. 2014. Colombian Court orders mining companies to return land to natives. Article. Retrieved 30 December 2015, from [www.reuters.com/article/2014/09/26/colombia-mining-idUSL2NoRQ3oV20140926](http://www.reuters.com/article/2014/09/26/colombia-mining-idUSL2NoRQ3oV20140926).
- 99 G. Ch'oc, L.M. Claps and J. Cherlet. 2015. Indigenous communities successfully claim right to free, prior and informed consent, Sarstoon-Temash National Park, Belize. Case study of the ILC Database of Good Practices. Rome: ILC. Retrieved 30 December 2015, from [www.landcoalition.org/sites/default/files/documents/resources/case\\_studies\\_fs\\_8\\_belize.pdf](http://www.landcoalition.org/sites/default/files/documents/resources/case_studies_fs_8_belize.pdf).
- 100 Eye on Latin America. 2014. Paraguay: Indigenous community records rare land rights victory. Article. Retrieved 30 December 2015, from [eyeonlatinamerica.wordpress.com/2014/06/20/paraguay-indigenous-land-rights-victory/](http://eyeonlatinamerica.wordpress.com/2014/06/20/paraguay-indigenous-land-rights-victory/);
- O. Ayala. 2015. 'Recuento de un año con reminiscencias autoritarias, donde lo indígena parece no contar. Derechos de los pueblos indígenas.' In Codehupy. 2015. *Derechos Humanos en Paraguay 2015*. Asunción: Codehupy, p. 61.
- 101 Exploration and extraction of sub-soil resources are often included by countries under the category of 'public interest'. This category is, however, often overused or used without public scrutiny. Governments should refrain from instituting compulsory acquisition for economic development projects that present significant risks to local communities, such as extractive industry projects. These projects should proceed only with the free, prior and informed consent of the local communities that will be affected by the project (Oxfam. 2014. Free, Prior, and Informed Consent in Africa. Oxfam: Washington, D.C.);
- Due diligence mitigates risks for investors and improves the sustainability of the project. See P. Veit et al. 2008. Protected Areas and Property Rights; Democratizing Eminent Domain in East Africa. World Resources Institute: Washington, D.C.; F.F.K. Byamugisha. 2014. Op. cit.
- 102 C. Rigby. 2015. We are going to resist. Brazil's indigenous groups fight to keep their land in face of the new law. Article. *The Guardian*. Retrieved 30 December 2015, from [www.theguardian.com/world/2015/apr/23/brazils-indigenous-groups-battle-land-law-change](http://www.theguardian.com/world/2015/apr/23/brazils-indigenous-groups-battle-land-law-change);
- International Rivers. 2015. Amazonian Tribe Brings an Epic Battle for Indigenous Rights to the United Nations. Press release. Retrieved 30 December 2015, from [www.internationalrivers.org/resources/9067](http://www.internationalrivers.org/resources/9067).
- 103 Rights and Resources Initiative. 2014. Democratic Republic of Congo Ratifies Decree Recognizing Community Forest Concessions. News. Retrieved 30 December 2015, from [www.rightsandresources.org/news/democratic-republic-of-congo-ratifies-decree-recognizing-community-forest-concessions/](http://www.rightsandresources.org/news/democratic-republic-of-congo-ratifies-decree-recognizing-community-forest-concessions/).
- 104 Simon Counsell. 2015. Letter 5 October 2015. Re: DR Congo Arrêté 050 on logging permits, and its implications for REDD and other forest governance reforms. Retrieved 30 December 2015, from [http://loggingoff.info/sites/loggingoff.info/files/NGO%20letter%20on%20DRC%20Arrete%20050\\_5.10.15\\_final.pdf](http://loggingoff.info/sites/loggingoff.info/files/NGO%20letter%20on%20DRC%20Arrete%20050_5.10.15_final.pdf).
- 105 Greenpeace International and the Oakland Institute. 2013. Herakles Exposed: The Truth behind Herakles Farms False Promises in Cameroon. Retrieved 15 January 2016, from [www.oaklandinstitute.org/sites/oaklandinstitute.org/files/OL\\_Report\\_Herakles\\_Exposed.pdf](http://www.oaklandinstitute.org/sites/oaklandinstitute.org/files/OL_Report_Herakles_Exposed.pdf).
- 106 Greenpeace International. Undated. Save the Cameroonian rainforest – stop the Herakles Farms' project. Retrieved 30 December 2015, from [https://secure3.convio.net/gpeace/site/Advocacy?cmd=display&page=UserAction&id=1287&s\\_src=coalition&s\\_sbrsc=fbstatus](https://secure3.convio.net/gpeace/site/Advocacy?cmd=display&page=UserAction&id=1287&s_src=coalition&s_sbrsc=fbstatus).
- 107 Sefe. 2015. Herakles abandons all operations in Mundemba and Toko concession areas, Cameroon. *International Cry Magazine*. Retrieved 15 January 2016, from: <https://intercontinentalcry.org/herakles-abandons-all-operations-in-mudemba-and-toko-concession-areas-cameroon/>.
- 108 M.M. Perera. 2015. Paanama residents betrayed by the government. *AsiaNews.it*. Retrieved 30 December 2015, from [www.asianews.it/news-en/Paanama-residents-betrayed-by-the-government-34929.html](http://www.asianews.it/news-en/Paanama-residents-betrayed-by-the-government-34929.html).
- 109 Nafso. 2015. Paanama Land Issue. New Government Greedy and Authoritative Too. Article. NAFSO Online. Retrieved 30 December 2015, from [www.nafso-online.org/2015/11/paanama-land-issue-new-government.html](http://www.nafso-online.org/2015/11/paanama-land-issue-new-government.html).
- 110 [www.cifor.org/forests-and-gender](http://www.cifor.org/forests-and-gender).
- 111 C. Deere et al. 2011. Tierra de Mujeres. Reflexiones sobre el acceso de las mujeres a la tierra en America Latina. La Paz: Fundación Tierra and ILC.
- 112 M. Cunningham. 2006. Indigenous Women's Visions of an Inclusive Feminism. *Development* 49 (1): 55–59. Retrieved 30 December 2015, from [www.palgrave-journals.com/development/journal/v49/n1/full/1100227a.html](http://www.palgrave-journals.com/development/journal/v49/n1/full/1100227a.html);
- R. Kuokkanen. 2000. Towards an 'Indigenous Paradigm' from a Sami Perspective. *Canadian Journal of Native Studies* 20 (2): 415.
- 113 V. Tauli-Corpuz. 2015. Report of the Special Rapporteur on the Rights of Indigenous Peoples. United Nations General Assembly. Human Rights Council. A/HRC/30/41. Retrieved 30 December 2015, from [unsr.vtaulicorpuz.org/site/index.php/en/documents/annual-reports/83-report-hrc-2015](http://unsr.vtaulicorpuz.org/site/index.php/en/documents/annual-reports/83-report-hrc-2015).
- 114 Global Witness. 2014. Op. cit.
- 115 BBC News. 2014. Four Peruvian Anti-logging Activists Murdered. Article. BBC. Retrieved 30 December 2015, from [www.bbc.co.uk/news/world-latin-america-29119833](http://www.bbc.co.uk/news/world-latin-america-29119833).
- 116 L. Alden Wily. 2011. The Tragedy of Public Lands: The Fate of the Commons under Global Commercial Pressures. Rome: International Land Coalition. Retrieved 30 December 2015, from <http://www.landcoalition.org/en/resources/tragedy-public-lands-fate-commons-under-global-commercial-pressure>.
- 117 M.K.A. Osman and M.J. Cohen. 2014. We No Longer Share the Land: Agricultural change, land, and violence in Darfur. Oxfam Briefing Paper. Oxford: Oxfam International. Retrieved 30 December 2015, from <http://policy-practice.oxfam.org.uk/publications/we-no-longer-share-the-land-agricultural-change-land-and-violence-in-darfur-315857>.
- 118 K.S. Shrivastava and R. Mahapatra. 2013. Bamboo Rising. Article. *DowntoEarth*. Retrieved 30 December 2015, from [www.downtoearth.org.in/coversage/bamboo-rising-40053](http://www.downtoearth.org.in/coversage/bamboo-rising-40053).
- 119 DNA India. 2013. Tribes have right to maintain relationship with land: supreme court. Article. *DNA India*. Retrieved 30 December 2015, from [www.dnaindia.com/india/report-tribes-have-right-to-maintain-relationship-with-land-supreme-court-1824456](http://www.dnaindia.com/india/report-tribes-have-right-to-maintain-relationship-with-land-supreme-court-1824456).

## ENDNOTES

- 120 National Sample Survey Organisation (NSSO). 1999. Common Property Resources in India, NSS 54th Round. January 1998–June 1998. New Delhi: NSSO, Government of India. Retrieved 30 December 2015, from [mospi.nic.in/rept%20\\_%20pubn/452\\_final.pdf](http://mospi.nic.in/rept%20_%20pubn/452_final.pdf).
- 121 Rights and Resources Initiative, Vasandhara, Natural Resources Management Consultants. 2015. Potential for Recognition of Community Forest Resource Rights Under India's Forest Rights Act. Washington, D.C.: RRI. Retrieved 30 December 2015, from [www.rightsandresources.org/publication/potential-for-recognition-of-community-forest-resource-rights-under-indias-forest-rights-act/](http://www.rightsandresources.org/publication/potential-for-recognition-of-community-forest-resource-rights-under-indias-forest-rights-act/).
- 122 K.S. Shrivastava and R. Mahapatra. 2013. Op. cit.
- 123 K.S. Shrivastava. 2015. Government to allow private sector to manage 40% of forests. Article. Hindustan Times. Retrieved 30 December 2015, from [www.hindustantimes.com/india/govt-to-allow-pvt-sector-to-manage-40-of-forests/story-yOIG4TO4kA2kvykxXNTEBK.html](http://www.hindustantimes.com/india/govt-to-allow-pvt-sector-to-manage-40-of-forests/story-yOIG4TO4kA2kvykxXNTEBK.html).
- 124 Rights and Resources Initiative, Vasandhara, Natural Resources Management Consultants. 2015. Op. cit.
- 125 This is a simplified version. For full details, see <https://namati.org/communityland>.
- 126 E.F. Sedman. 2014. Victory for the Sawhoyamaya in Paraguay. Article. Diakonia. Retrieved 30 December 2015, from [www.diakonia.se/en/Results-Stories-of-change/Stories-of-change/victory-for-the-sawhoyamaya-in-paraguay/](http://www.diakonia.se/en/Results-Stories-of-change/Stories-of-change/victory-for-the-sawhoyamaya-in-paraguay/).
- 127 V. Smink. Los indígenas que lograron que Paraguay les devuelva sus tierras. Article. BBC Mundo. Retrieved 30 December 2015, from [www.bbc.com/mundo/noticias/2014/06/140618\\_paraguay\\_indigenas\\_sawhoyamaya\\_vs.shtml](http://www.bbc.com/mundo/noticias/2014/06/140618_paraguay_indigenas_sawhoyamaya_vs.shtml).
- 128 Inter-American Court of Human Rights. 2006. Case of the Sawhoyamaya Indigenous Community v. Paraguay Judgment of March 29, 2006. Retrieved 30 December 2015, from [www.corteidh.or.cr/docs/casos/articulos/seriec\\_146\\_ing.pdf](http://www.corteidh.or.cr/docs/casos/articulos/seriec_146_ing.pdf).
- 129 D. Hill. 2014. Paraguay's Supreme Court issues 'historic' land ruling. The Guardian. Retrieved 30 December 2015, from [www.theguardian.com/environment/andes-to-the-amazon/2014/oct/07/paraguay-supreme-court-historic-land-ruling](http://www.theguardian.com/environment/andes-to-the-amazon/2014/oct/07/paraguay-supreme-court-historic-land-ruling).
- 130 Julia Cabello, Head of Tierraviva, recently commented: 'This is an exceptional case, as it successfully reverted the historic dispossession of land that is our daily reality. Yet powerful economic and political forces in this country continue trying to ensure that success does not become common practice.' M. Mendieta Miranda. 2015. Defensoras y Defensores de Derechos Humanos en el Chaco Paraguayo Relatos de Lucha por la Tierra. Retrieved 30 December 2015, from [www.tierraviva.org.py/wp-content/uploads/2015/12/Defensoras-y-Defensores-de-Derechos-Humanos-en-el-Chaco-Paraguayo.pdf](http://www.tierraviva.org.py/wp-content/uploads/2015/12/Defensoras-y-Defensores-de-Derechos-Humanos-en-el-Chaco-Paraguayo.pdf).
- 131 Rights and Resources Initiative. 2016. Op. cit.; L. Alden Wily. 2015. Op. cit.
- 132 G. Ansern et al. 2004. Grazing Systems, Ecosystems Responses, and Global Change. Annual Rev. Env. Resour. 29: 261–99. Retrieved 30 December, from [andrew.elmore.cc/pubs/AsnerARER2004-grazing.pdf](http://andrew.elmore.cc/pubs/AsnerARER2004-grazing.pdf).
- 133 CLEP. 2008. Op. cit.; L. Alden Wily. 2015. Op. cit.
- 134 McGahey et al. 2014. Op. cit.
- 135 Indigenous and community lands are mostly located in agrarian countries, which accounts for 72% of the world population (data based on rural population figures at <http://data.worldbank.org/indicator/SP.RUR.TOTL> for 155 states ranked by the IMF as non-industrialised/agrarian economies in L. Alden Wily, pers. comm. November 2015);
- L. Alden Wily. Forthcoming. From Terra Nullius to Res Communis: The Recovery of Collective Property;
- L. Alden Wily. 2015. Communities and the State, Rethinking the Relationship for a Safer 21st Century. Third Al-Moumin Distinguished Lecture on Environmental Peacebuilding, Washington, D.C. 6 October 2015. Environmental Law Institute, UNEP & American University. Available at: <https://vimeo.com/142173072>;
- They exist in emerging economies too, such as China and Mexico, where they cover respectively 49.41% and 52.02% of the country area (RRI. 2015. Op. cit.). They are owned by Maoris in New Zealand, Aborigines in Australia, Sami in Northern Europe and native peoples in North America. Communities are also significant natural forest owners in eight Western European states. More than 400,000 hectares of prime forest in Italy and Switzerland, and 730,000 hectares of Sweden's forest are community properties (L. Alden Wily. 2014. Communities as forest conservators and managers in Georgia. Can it Work? Report to Sustainable Management of Biodiversity, South Caucasus Programme. Retrieved 30 December 2015, from [biodivers-southcaucasus.org/wp-content/uploads/2015/02/Report\\_GE\\_AM\\_Wily\\_Communities-as-forest-conservators-managers\\_EN\\_2014.pdf](http://biodivers-southcaucasus.org/wp-content/uploads/2015/02/Report_GE_AM_Wily_Communities-as-forest-conservators-managers_EN_2014.pdf)).
- 136 According to RRI (2015), 10 percent of the world's lands are owned by indigenous peoples and local communities through community-based tenure systems under statutory law. This report adopts RRI's unit of analysis of 'community-based tenure regimes'. This category includes a wide range of communities, from indigenous communities in Brazil, First Nations in Canada, farming communities in Uganda and forestry collectives in China. Therefore, just a portion of them are enacted explicitly to recognize the customary tenure rights of indigenous peoples and local communities, whilst others have been created to promote sustainable use of lands and natural resources by the state. It is particularly complex – and in some contexts impossible or simply wrong – to disaggregate data on community-based tenure systems, between those fully derived from customary tenure (e.g. most of Africa) and those derived from other forms of tenure, including collectives (as in Algeria or China). Importantly, within community-based tenure regimes, rights-holders may adopt a range of approaches to land management, including common pool resource management and allocations to individual households. The Global Call to Action on Indigenous and Community Land Rights puts an emphasis on 'community-based tenure regimes' derived from customary tenure and supports legitimate rights-holders in securing their land rights, through recognition in statutory law and community empowerment.
- 137 For further reading see R. De Leon et al. 2013. Global Capital, Local Concessions: A Data-Driven Examination of Land Tenure Risk and Industrial Concessions in Emerging Market Economies. The Munden Project Ltd. Retrieved 30 December 2015, from [www.rightsandresources.org/documents/files/doc\\_6301.pdf](http://www.rightsandresources.org/documents/files/doc_6301.pdf);
- A. Alforte et al. 2014. Communities as Counterparties: Preliminary Review of Concessions and Conflict in Emerging and Frontier Market Concessions. The Munden Project. Retrieved 30 December 2015, from [http://www.rightsandresources.org/wp-content/uploads/Communities-as-Counterparties-FINAL\\_Oct-21.pdf](http://www.rightsandresources.org/wp-content/uploads/Communities-as-Counterparties-FINAL_Oct-21.pdf).
- 138 M. Rugadya et al. 2010. Op. cit.
- 139 R. Espinoza Llanos and C. Feather. 2011. The Reality of REDD+ in Peru: Between Theory and Practice. Lima, Peru: Forest Peoples Programme (FPP), Central Ashaninka del Río Ene (CARE), Federación Nacional Nativa del Río Madre de Dios y sus Afluentes (FENAMAD) and Asociación Interétnica de Desarrollo de la Selva Peruana (AIDESEP).
- 140 The Constitutional Court Of The Republic Of Indonesia, Number 35/PUU-X/2012.
- 141 Rights and Resources Initiative. 2015. Op. cit.; Rights and Resources Initiative. 2014. Op. cit.
- 142 F. Pearce. 2015. Where They Stand. Forest Peoples Programme: London. Retrieved 30 December 2015, from [www.forestpeoples.org/sites/fpp/files/publication/2015/10/where-they-standweb-spreads.pdf](http://www.forestpeoples.org/sites/fpp/files/publication/2015/10/where-they-standweb-spreads.pdf).
- 143 Ibid.
- 144 UNDP in Guyana. Red Siskin Birds Protection: 15 New Ranger. Online content. Retrieved 30 December 2015, from [www.gy.undp.org/content/guyana/en/home/ourwork/environmentandenergy/successstories/amerindian-development-fund-project-underway/](http://www.gy.undp.org/content/guyana/en/home/ourwork/environmentandenergy/successstories/amerindian-development-fund-project-underway/).
- 145 WWF Guianas and Global Wildlife Conservation. 2013. South Rupununi Biodiversity Assessment Team Expedition 2013. Report. Retrieved 30 December 2015, from [d20uvy59p-odg6k.cloudfront.net/downloads/2014\\_south\\_rupununi\\_bat\\_preliminary\\_report.pdf](http://d20uvy59p-odg6k.cloudfront.net/downloads/2014_south_rupununi_bat_preliminary_report.pdf).
- 146 Rights and Resources Initiative and Tebteba Foundation. 2014. Recognizing Indigenous and Community Rights. Priority Steps to Advance Development and Mitigate Climate Change. Brief. Washington, D.C.: RRI. Retrieved 30 December 2015, from [www.rightsandresources.org/wp-content/uploads/Securing-Indigenous-and-Community-Lands\\_Final\\_Formatted.pdf](http://www.rightsandresources.org/wp-content/uploads/Securing-Indigenous-and-Community-Lands_Final_Formatted.pdf).
- 147 Oxfam, the International Land Coalition, the Rights and Resources Initiative et al. 2015. Land Rights Indicators and the Post-2015 SDGs. Recommendations for the Inter-Agency Expert Group and other Policy Makers. Policy Brief: Oxfam International. Retrieved 30 December 2015, from [www.oxfam.org/en/research/secure-and-equitable-land-rights-post-2015-agenda-key-issue-future-we-want](http://www.oxfam.org/en/research/secure-and-equitable-land-rights-post-2015-agenda-key-issue-future-we-want).
- 148 K. Cordes and J. Sachs. 2015. Measuring Land Rights for a Sustainable Future. Blog Post. Sustainable Development Solutions Network. Retrieved 30 December 2015, from [unsdsn.org/blog/news/2015/09/22/measuring-land-rights-for-a-sustainable-future/](http://unsdsn.org/blog/news/2015/09/22/measuring-land-rights-for-a-sustainable-future/).
- 149 F. Pearce. 2015. Op. cit.
- 150 Voluntary Guidelines on the Responsible Governance of Tenure of Land, Fisheries and Forests in the Context of National Food Security. Retrieved 30 December 2015, from [www.fao.org/nr/tenure/voluntary-guidelines/en](http://www.fao.org/nr/tenure/voluntary-guidelines/en).
- 151 K. Cordes and J. Sachs. 2015. Op. cit.



**‘Oxfam, the International Land Coalition and the Rights and Resources Initiative help shine a global spotlight on an issue of profound importance. The land rights of indigenous peoples and communities are critically important for social justice, economic development and environmental sustainability. All over the world, land is being violently or fraudulently taken from these communities. This report outlines a realistic and bold path for global action to secure the land rights of indigenous peoples and vulnerable communities in support of sustainable development.’**

**Jeffrey D. Sachs**

Special Advisor to UN Secretary-General Ban Ki-moon  
on the Sustainable Development Goals

**‘These lands are our livelihoods. From these lands we were able to harvest resources. The land belonged to us, the water belonged to us. From this, we were able to live. When we had common land we felt free.’**

**Mansa Ram**

Local leader from Kayarakhet village, Udaipur,  
India whose community lands have been under threat

**‘Recognizing indigenous peoples and community land rights means respecting the human rights of roughly 2.5 billion people, but also reducing conflict, fighting climate change, and protecting and expanding Mother Earth’s important fragile ecosystems.’**

**Vicky Tauli-Corpuz**

UN Special Rapporteur on the Rights of Indigenous Peoples