

# Engaging small-holders in zero-deforestation agriculture

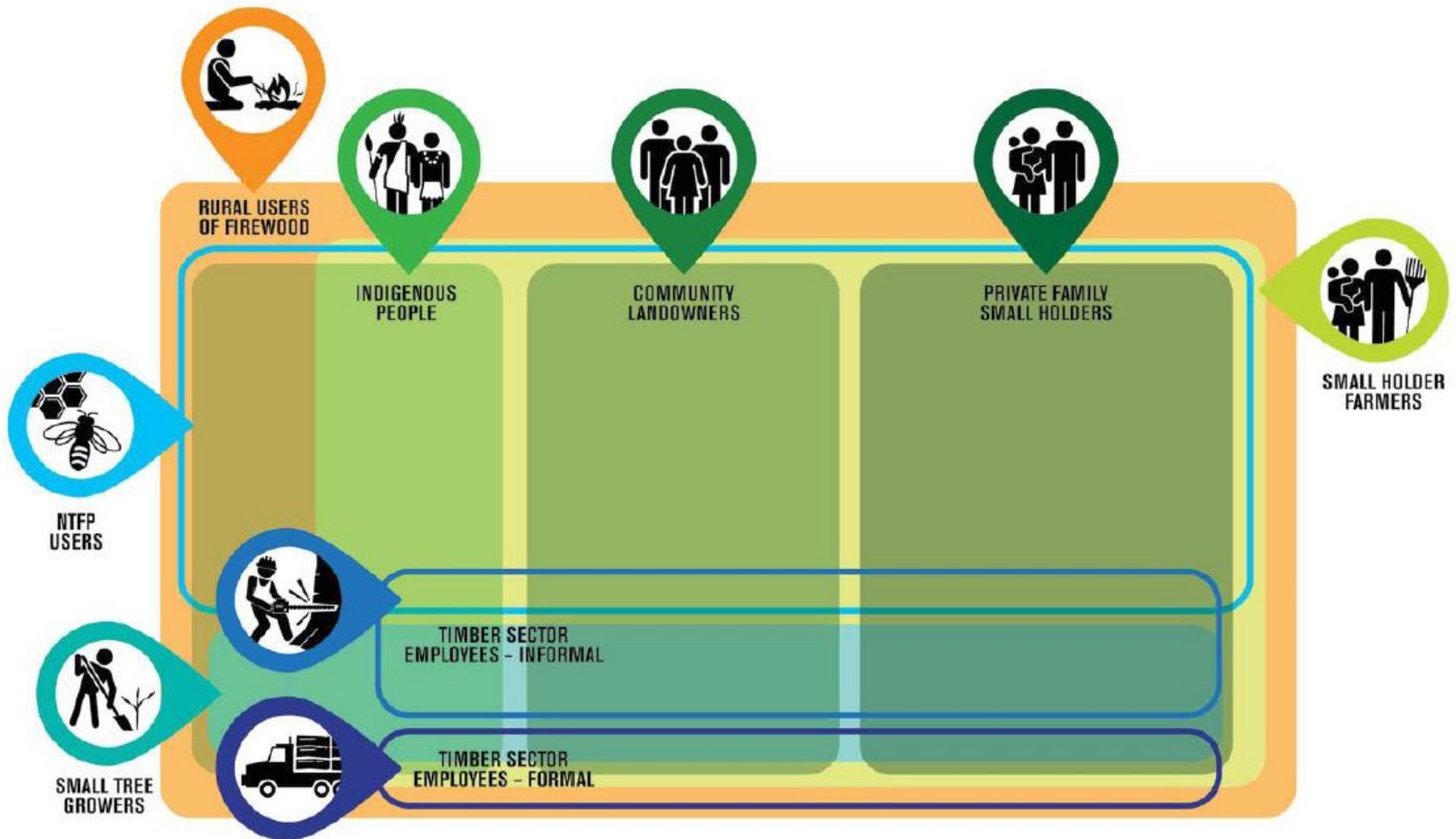
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# Challenges and opportunities to engage smallholders in zero- deforestation agriculture

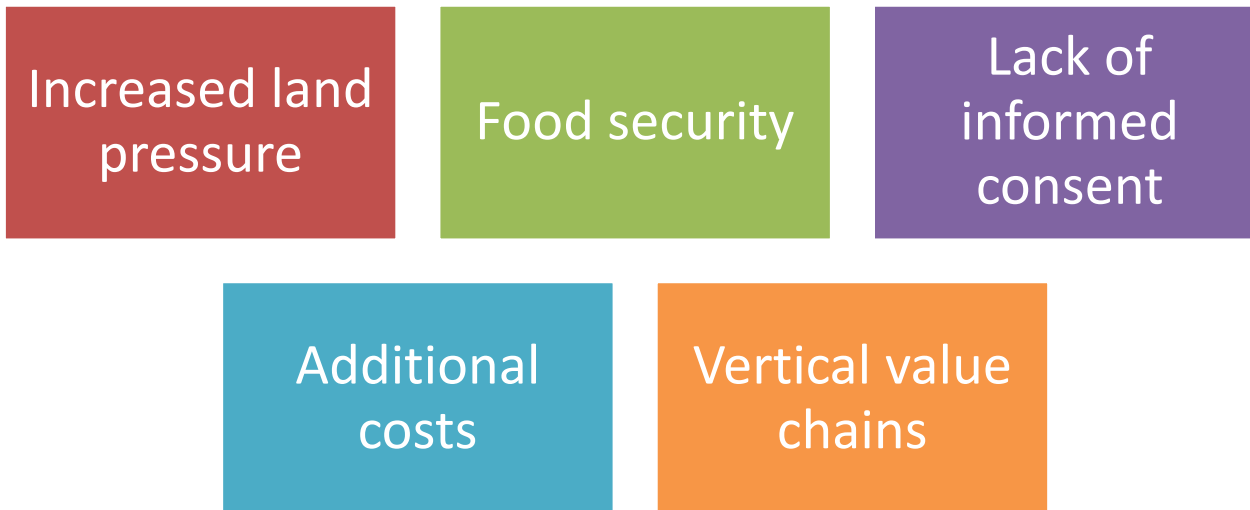
# Who are we talking about?



Source: IIED, 2016

# Smallholder farmers are central to the implementation of zero deforestation agriculture policies

Smallholders produce 80% of food in the developing world, usually on plots between 1-10 hectares



Main risks faced by small holders in zero-deforestation contexts

# How to reach and attract fragmented smallholders?

	Current challenges	Incentive to change practices
Env/biophysical	<ul style="list-style-type: none"> <li>- Aging plantations and depleted soils</li> <li>- Loss of « forest rent »</li> <li>- Risk of disease outbreak</li> </ul>	<ul style="list-style-type: none"> <li>- Higher yields</li> <li>- Adaptation to climate change</li> <li>- Access to input</li> </ul>
Economics	<ul style="list-style-type: none"> <li>- Labor intensive</li> <li>- Seasonality and exposure to negative shocks</li> <li>- Lack of extension services</li> </ul>	<ul style="list-style-type: none"> <li>- Price premium</li> <li>- Improved farmgate price</li> </ul>
Finance	<ul style="list-style-type: none"> <li>- High poverty levels</li> <li>- Limited access to finance</li> </ul>	<ul style="list-style-type: none"> <li>- Diversification of income</li> <li>- PES</li> </ul>
Social	<ul style="list-style-type: none"> <li>- Aging population with limited ability to reinvest</li> </ul>	<ul style="list-style-type: none"> <li>- Creation and development of cooperatives</li> <li>- Agriculture entrepreneurship</li> <li>- Capacity-building</li> </ul>
Governance	<ul style="list-style-type: none"> <li>- Land tenure insecurity</li> </ul>	<ul style="list-style-type: none"> <li>- Fairer revenue sharing</li> <li>- Recognition of user's and land rights</li> </ul>

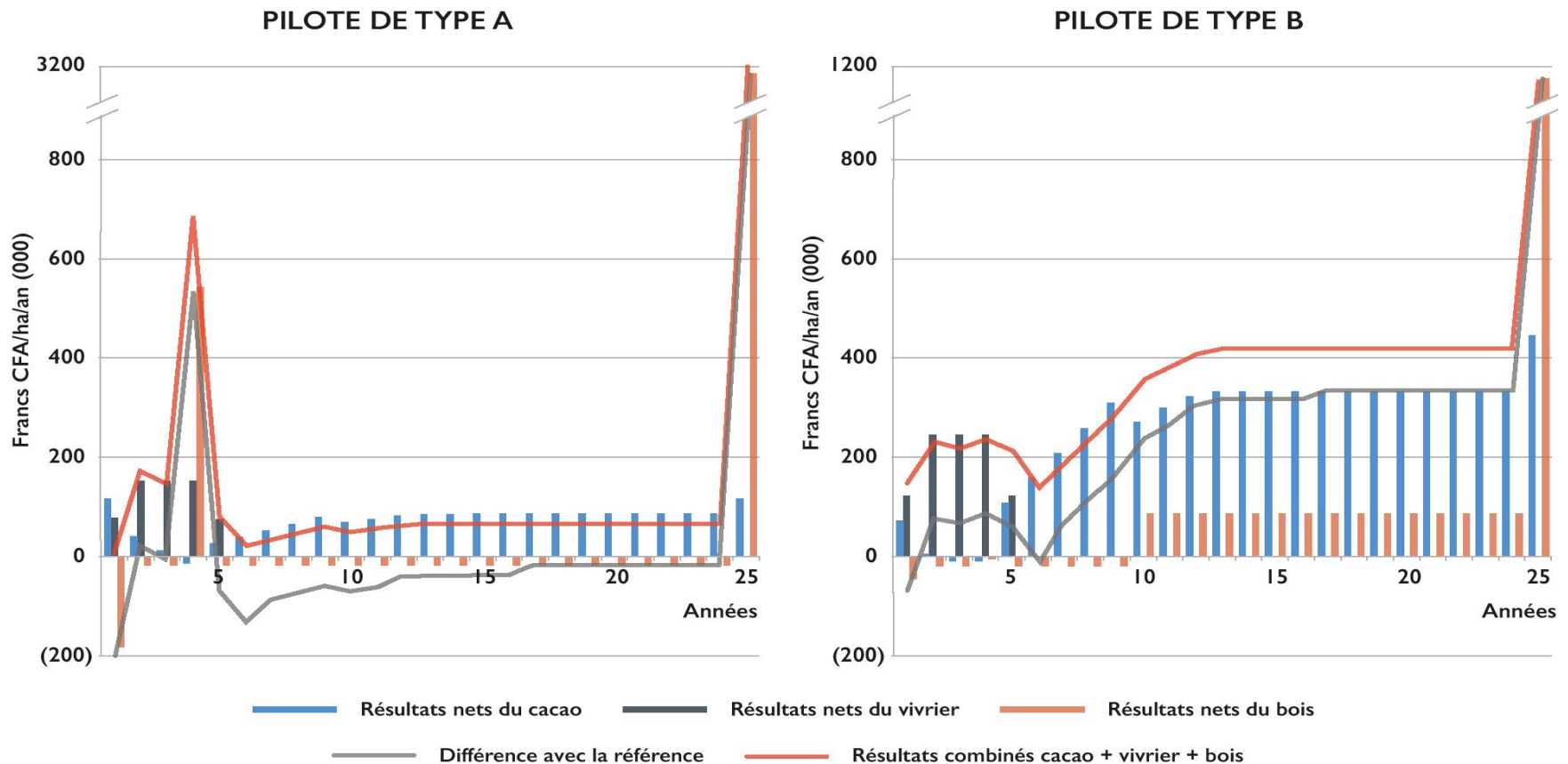
Solutions in practice



# PPPs for mutual benefit

- In Côte d'Ivoire, government+chocolate buyer providing incentives for agro-forestry and reforestation in cocoa plantation
- Adaptation to climate impacts and revenue diversification are the main incentives

# Finding the balance between environmental and socio-economic benefits




Source: UNEP-FI and EFI



# Creating a market for zero-deforestation commodities

- Certification approaches starting to go beyond ecological to zero-deforestation standards



A photograph of a large, dark, rounded tree standing on a grassy hill. The tree has a thick trunk and a dense, rounded canopy. The foreground is filled with tall, green grass and some small plants. The background shows a line of trees and a cloudy sky.

# Implementing appropriate policy reforms

- Governments play a key role in enabling investment in zero-deforestation production
- Securing land and tree tenure for smallholders as an incentive for replantation

# Conclusion

- Smallholders are the central actors of zero-deforestation policies
- It is important to offer a comprehensive package of incentives that address the reality of the field and the socio-economic context
- Private and public actors have a complementary role to play

# Thank you

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