

TREE VALUE CHAINS AS A LAND RESTORATION APPROACH IN ETHIOPIA



BACKGROUND

Ethiopia has about 82 million ha of land for tree-based restoration.

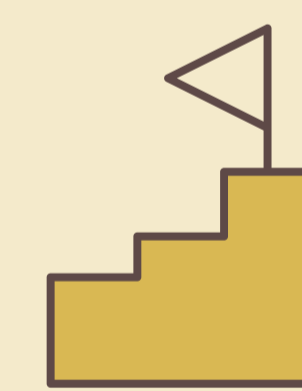


Supporting policies: Climate Resilient Green Economy (CRGE) Strategy, Program of Adaptation to Climate Change (EPACC), Green Legacy Initiative

A large rural-based population depending on agriculture and natural resources



Strategic market location: close proximity to Egypt, Sudan, Kenya, Middle East & European markets



Challenges: biodiversity loss, water, food, feed & fuelwood shortages, loss of land productivity, poverty

VCD as a regreening approach can help protect forests, increase forest cover, reduce flooding; improve access to water, fodder, fuel, improve biodiversity & better aesthetic values.



Objective: improve capacity (resource base, skills) and negotiation skills on product value chain development



BUSINESS OPPORTUNITY & RESOURCE CHECKS



Cordia africana, Eucalyptus spp, Olea europaea are important for multiple products: timber, fuelwood, feed etc



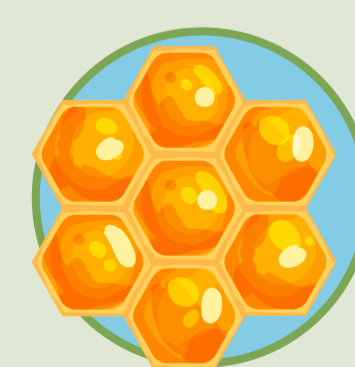
Women participation in timber and poles business remain very limited



Some 46 tree species harvested to supply product needs



Women, youth and men can earn more income from improved marketing of timber, poles, fuelwood, fruit, honey, gesho leaves



Timber, poles, fuelwood, fruits, beverages, honey & fodder commonly traded (See figure 02)

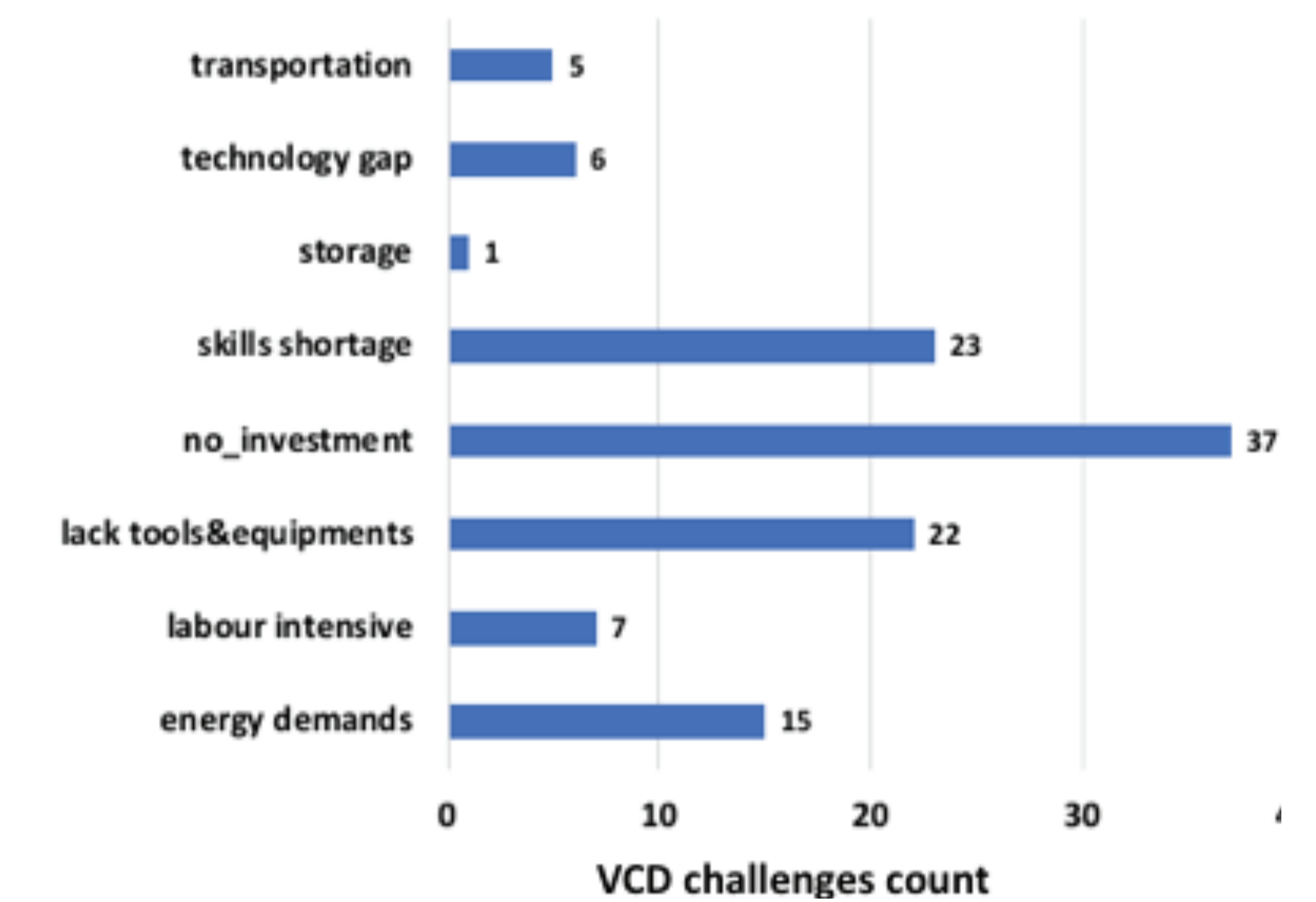


Figure 01

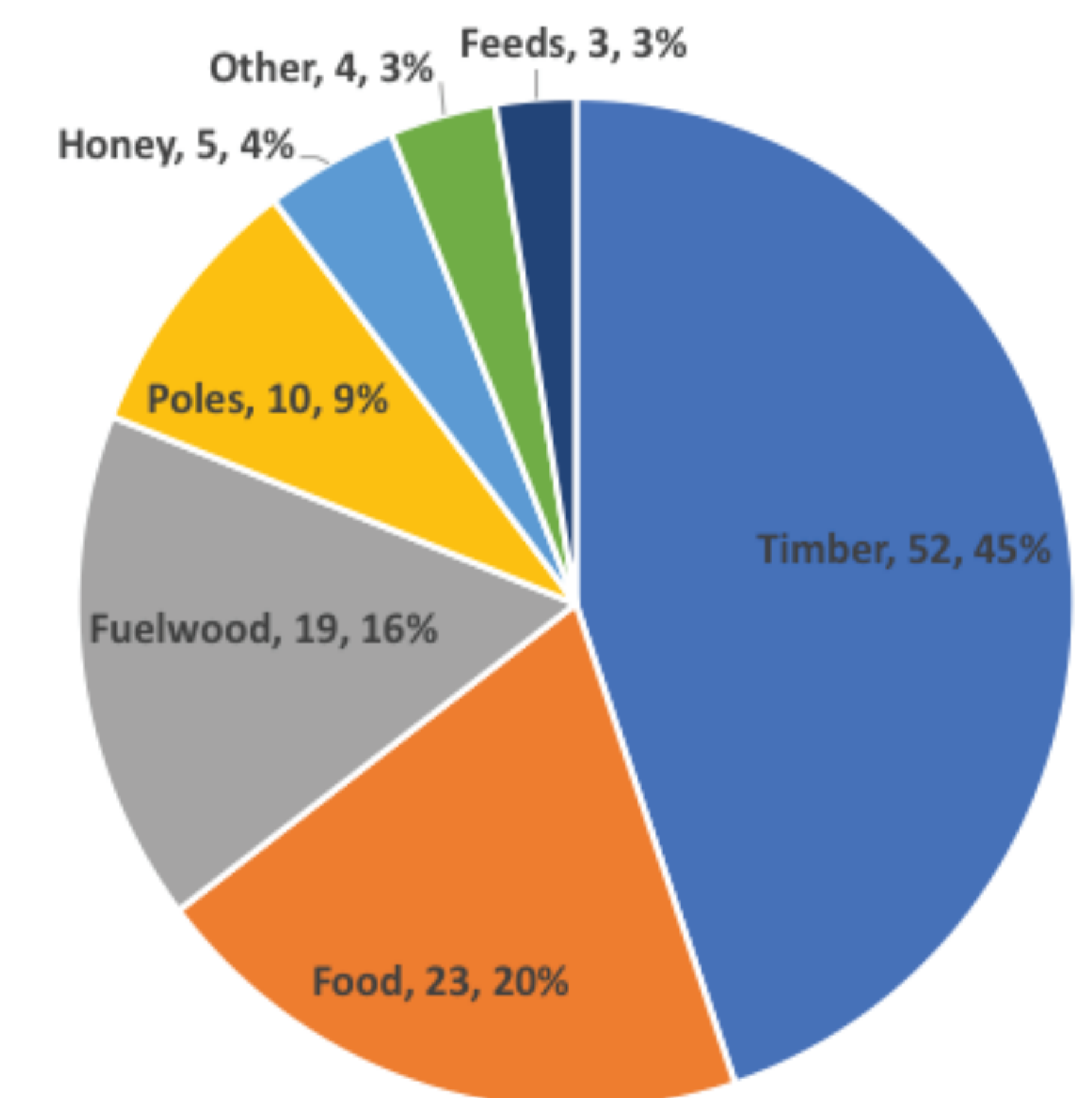


Figure 02

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BOTTLENECKS

Impediments:

inadequate input systems, degraded resource base, regulations on timber & fuelwood products (Figure 01)

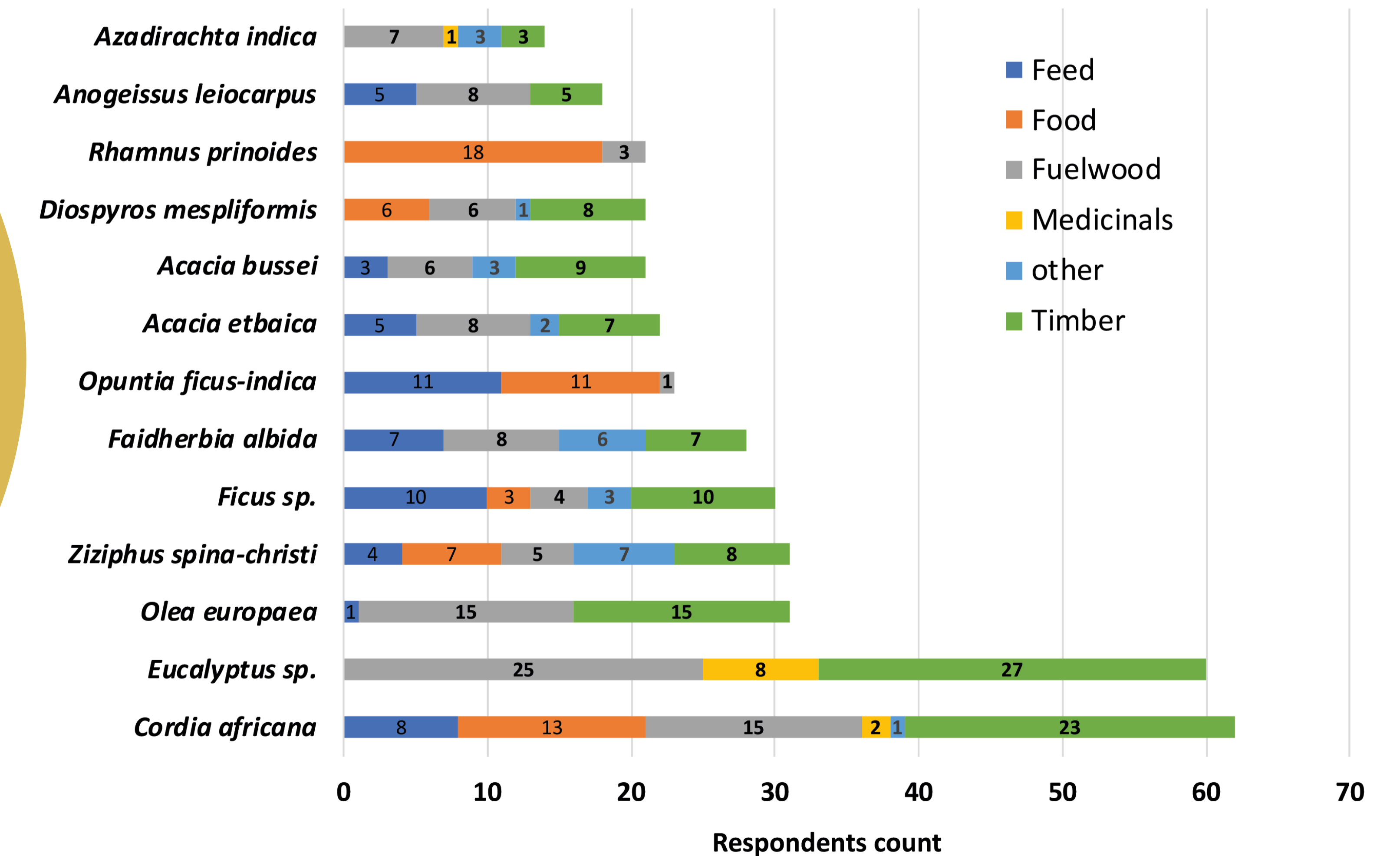
- Lack of seed and seedlings inputs, water shortage
- Shortage of land, high deforestation due to population pressure
- Poor or unaffordable transport, links to markets or industry
- Lack of investment in value addition and market outlets
- Poor availability of tools and equipment's



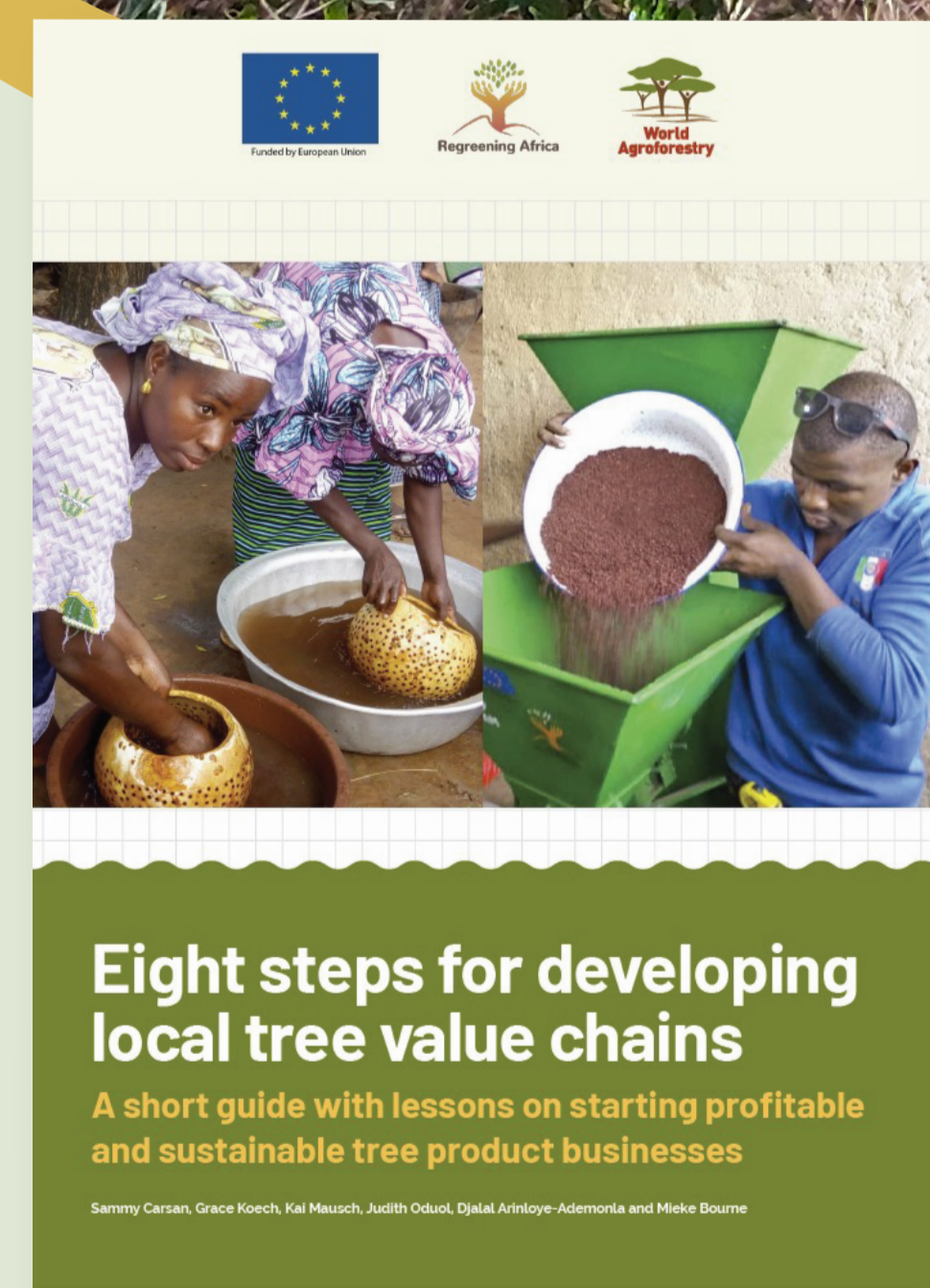
REGREENING APPROACH

- **Value chain development focus:** changes in actor behavior, imparting negotiation skills, transforming relationships, targeting leverage points and empowering business innovations.
- **Farmer empowerment** e.g., innovations in production and processing; improving business planning Technical support through trainings, materials production, processing tools support
- **National forums actor linkages** for B2B and B2G.
- **Strengthening germplasm access:** nurseries, fruits in RRCs
- **Lessons sharing sessions** to inform adaptive management

Ten most commonly harvested tree types for different products



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References

- Carsan S, Koech G, Mausch K, Oduol J, Arinloye-Ademonla D, Bourne M (2021) Eight steps for developing local tree value chains. A short guide with lessons on starting profitable and sustainable tree product businesses. World Agroforestry (ICRAF).
- Carsan S, Koech G, Hailemariam G, Njogu K, Odoul J, Chomba S (2018) Tree products value chain development. Scoping Assessment Report. Regreening Africa Project.

IMPROVEMENTS: LOCAL SOLUTIONS

- **Formation of marketing groups, producer, processing, village selling associations**
- **Business plans development & support** with harvesting & processing equipment
- **Strengthen protection of established trees** e.g. social fencing to control free grazing
- **Increase tree planting and management activities** through seedlings support
- **Technical knowledge** on care and use of timber trees
- **Improving access road for transport** and creating local market outlet centres
- **Lobbying for supportive regulations** on fuelwood marketing, credit
- **Linking producers** to markets or industry
- **Support with grading, branding and packaging of products**