Land tenure consideration in agricultural fuelbreaks

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Why agricultural fuelbreaks

- local observation

- cultivated lands are fire-resistant and can serve as fuelbreaks due to the presence of moisture and the lack of dry fuel

- degraded land is considered as ‘waste land’

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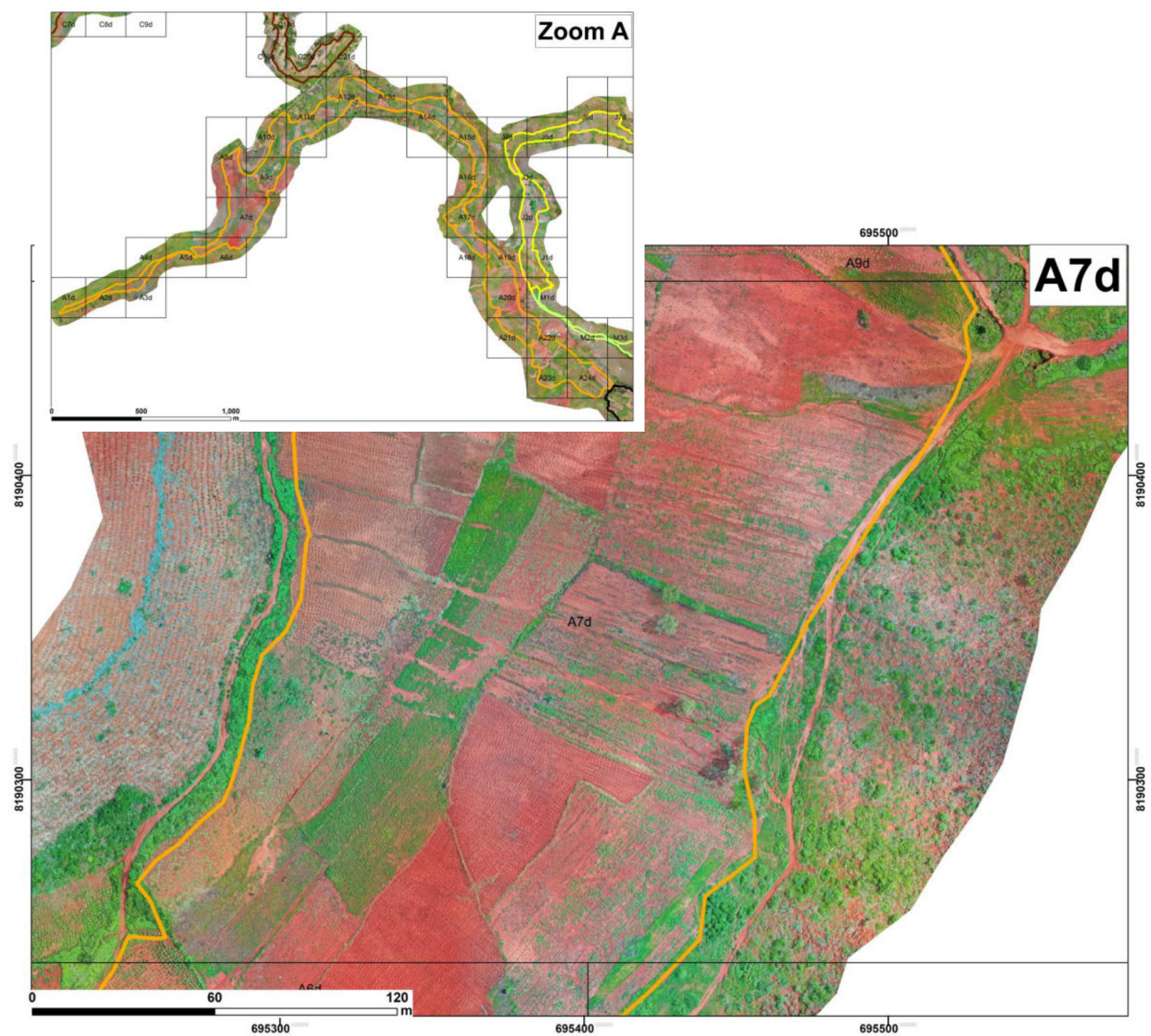

Principles

- Waste land = No interest from most of the stakeholders
- Cultivated land = natural capital
- The transition needs new investment + management of the possible risks
- Systematic land titling for the local farmers

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Technical details

- Established in open landscapes dominated

by grassland (Width generally between 25 to 100 m)

- Integration of systems that reduce the frequency and spread of uncontrolled fires (e.g. : regular cultivation).

- Land use rights must be secured for long-term investments.

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Technical details

Additional information

WOCAT technology

https://qcat.wocat.net/fr/wocat/technologies/view/technologies_6742/

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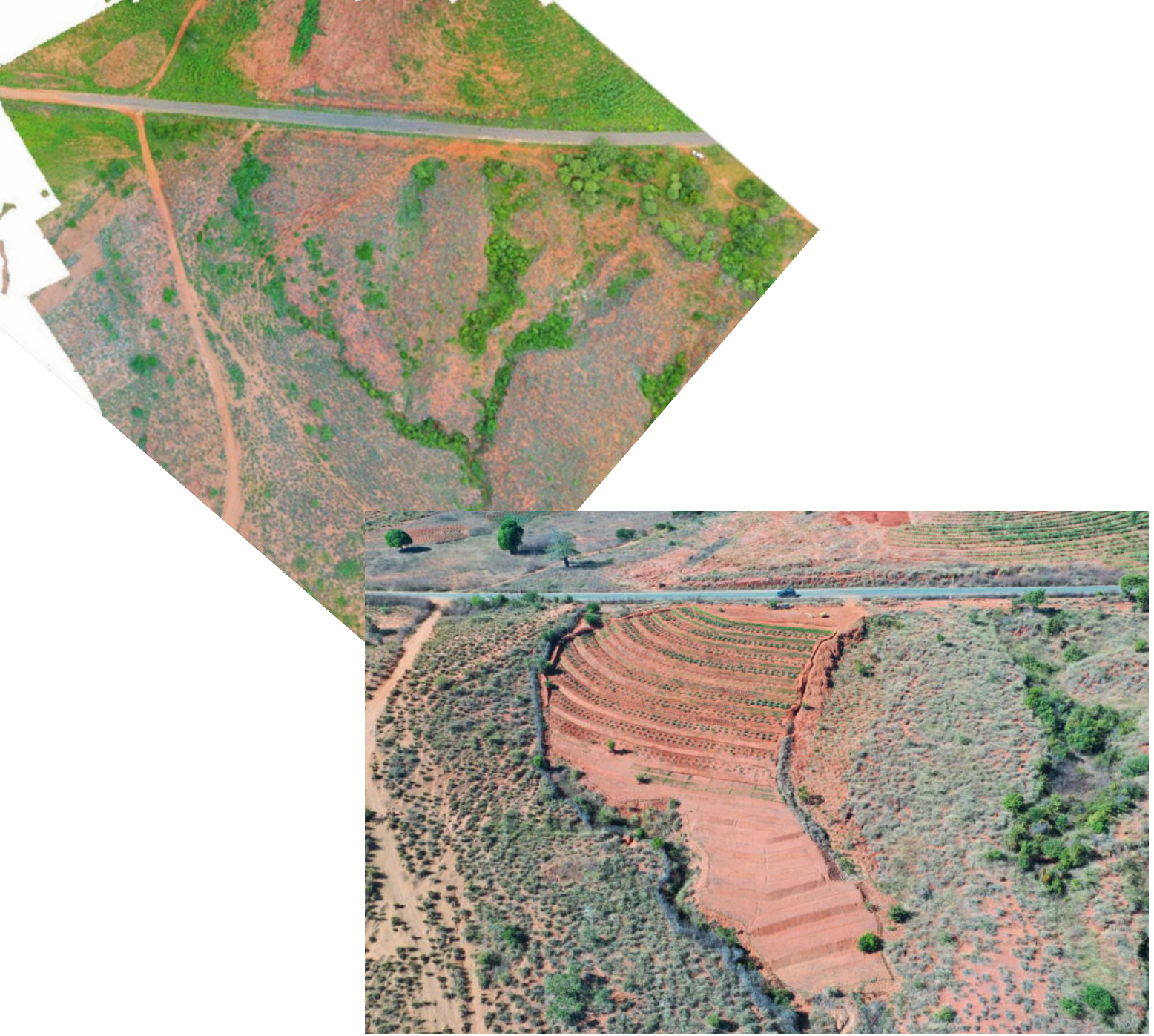

Lessons learned

- Land tenure clarification is always considered as very challenging

- The process is relatively short when all the stakeholders have been clearly informed

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Lessons learned

- The investment cost on reviving degraded land is still very high (600USD / ha including land titling)

- The return on investment is covered in 5 years (limited without subsidies but can be sustained by PPP)

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Lessons learned

- Primary production has a low return on investment

- The extension process has to be sustained by value chain promotion (integration)

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Lessons learned

- The transformation is only possible with a proximity of sectoral services (including land securing services)

- The availability of extension services is key at local level

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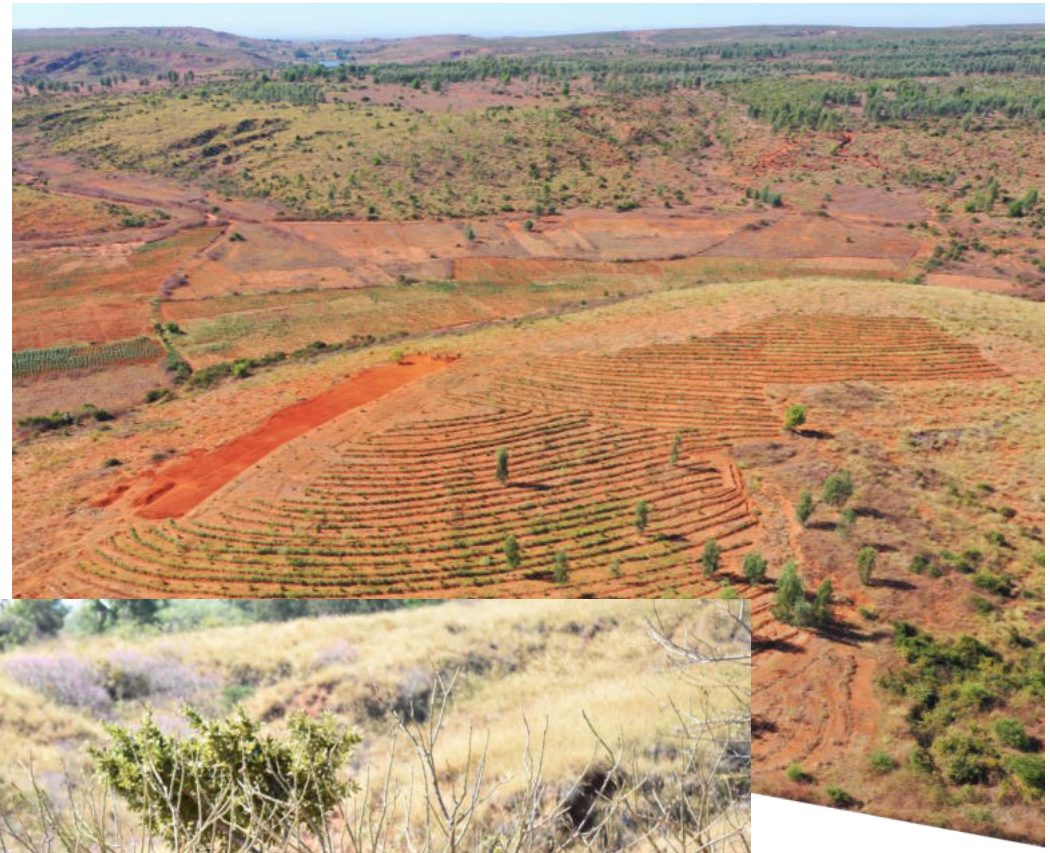

Risks / perspective

- Reduction of pastureland

- Need to integrate the process in the landscape (creating resilient landscape) + agriculture / livestock integration

- Key role of local territorial planning

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