

ViridisTerra

1st Annual Orphaned and Abandoned Mines Workshop

New Approaches in Land Use Planning



INTRODUCTION

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Alexandre Couturier Dubé



Martin Beaudoin Nadeau



Mine restoration

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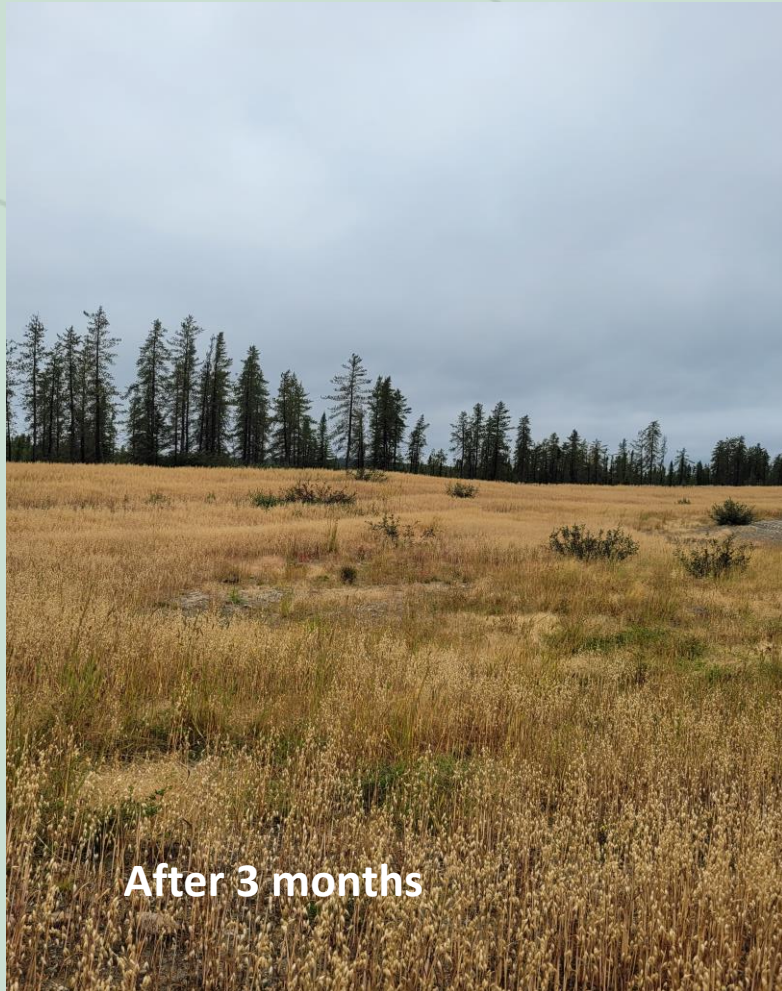
Gold mine – North of Québec Restoring Fauna habitat and biodiversity gain



Mine restoration

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Gold mine – North of Québec Restoring Fauna habitat and biodiversity gain



Mine restoration

Gold mine – North of Québec R&D

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Mine restoration

Copper and Gold Mine North of Québec

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Mine restoration – Case Study

Abandoned Gold mine Principale – Quebec
Restoring native boreal forest on contaminated sites



Mine restoration – Case Study

Iron mines – Quebec / Labrador
Native Forest Tundra Ecosystem



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Mine restoration – Case Study

Abandoned copper and gold mine Opemiska – Quebec
Creation of a productive agricultural field



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Mine restoration - Case Study

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Graphite mine –
Quebec

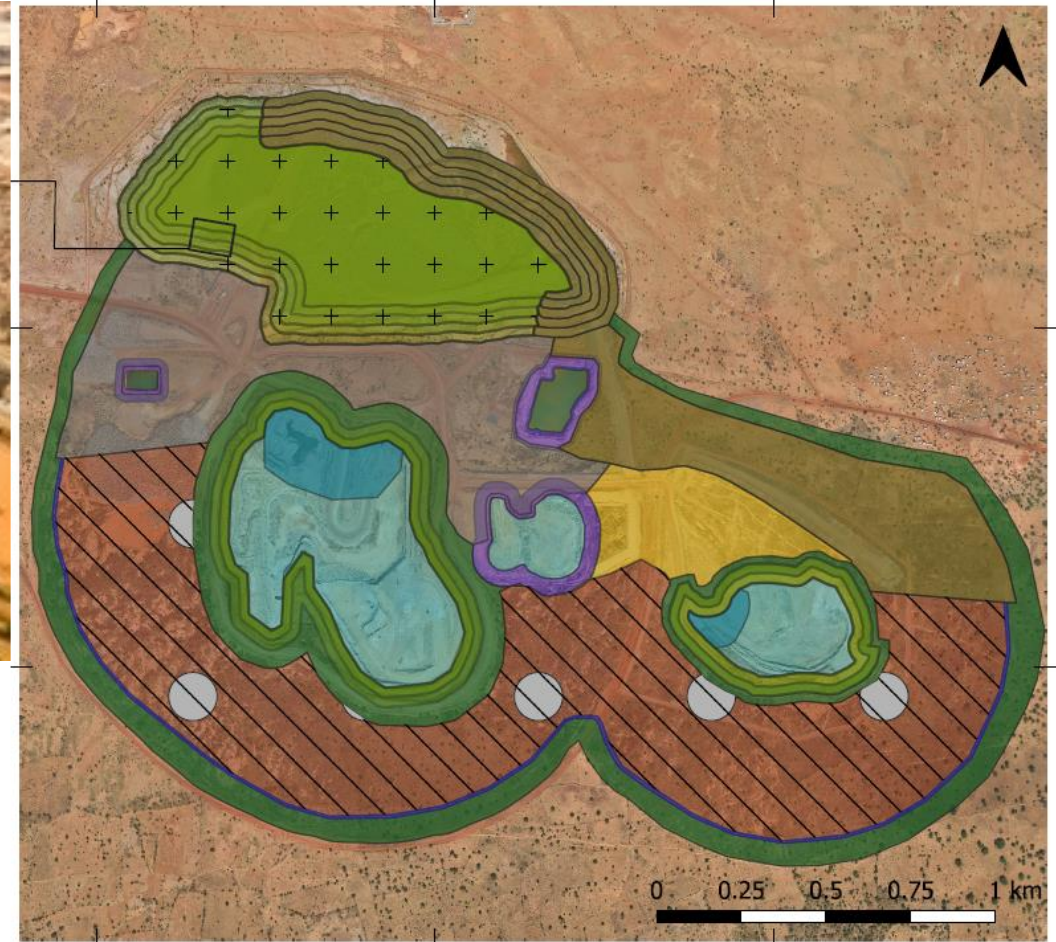
Restoring Natural
Deciduous Forest



Mine restoration – Case Study



Gold mine – Burkina Faso
Creating an Oasis / Agroforestry Asset



Mine restoration – Case Study

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Illegal Gold Mine – La Pampa, Peru Green Economic Development



Mine restoration - Landscape

Challenge of extractive industries in the face of land degradation and climate change

- Mining sites
- Hydroelectric dams
- Wind Turbine and Solar Panels



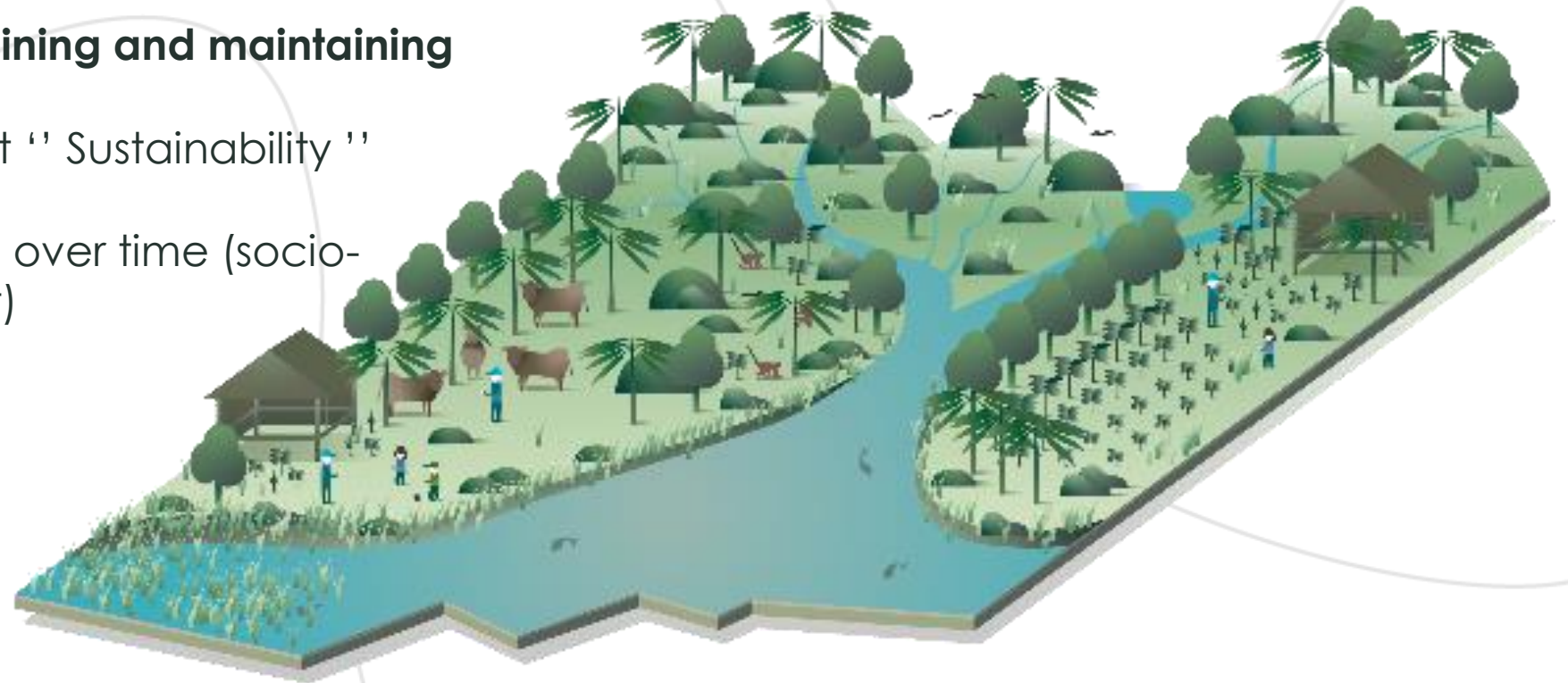
Mine restoration - Landscape

Benefits of landscape restoration for these industries

- Resilience to climate change
- Protection of water sources

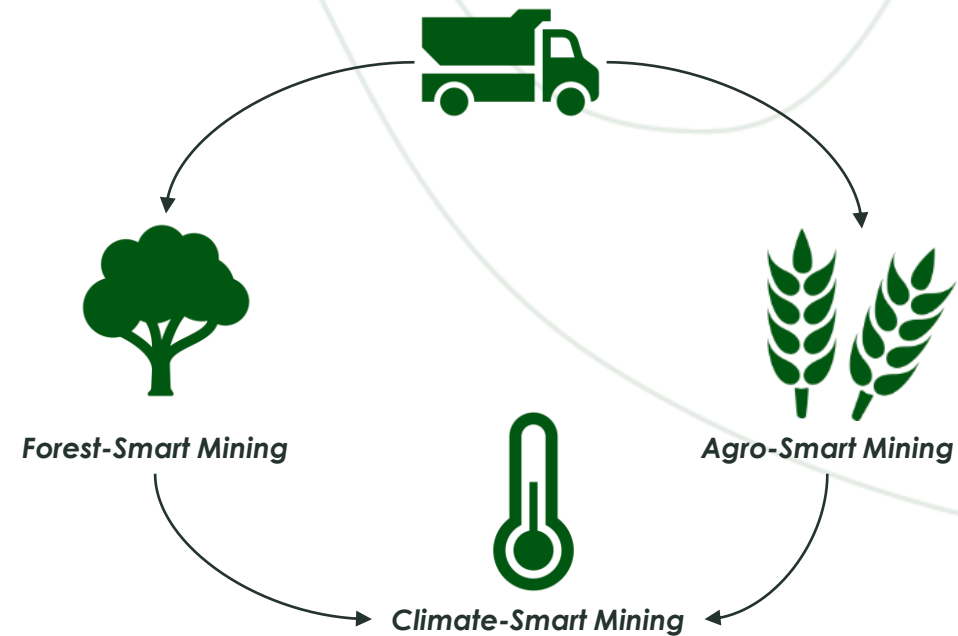
Social acceptability - Obtaining and maintaining the social license

- We are not talking about "Sustainability" here but 'Durability'
- Positive impact that lasts over time (socio-economic development)



Mine restoration - Landscape

- Involvement of mining companies at the landscape and watershed level
 - A vector for **social acceptability** and the **economic and sustainable development** of the mining sector and its communities





Our Solution - Landscape

Technological package: Integrated Forest Landscape Restoration (IFLR[®])



1) TreesOfLives digital platform

- Management and analysis of operational data
- AI-processed traceable and transparent data
- Investment vehicle in projects



2) Advanced Biotechnologies

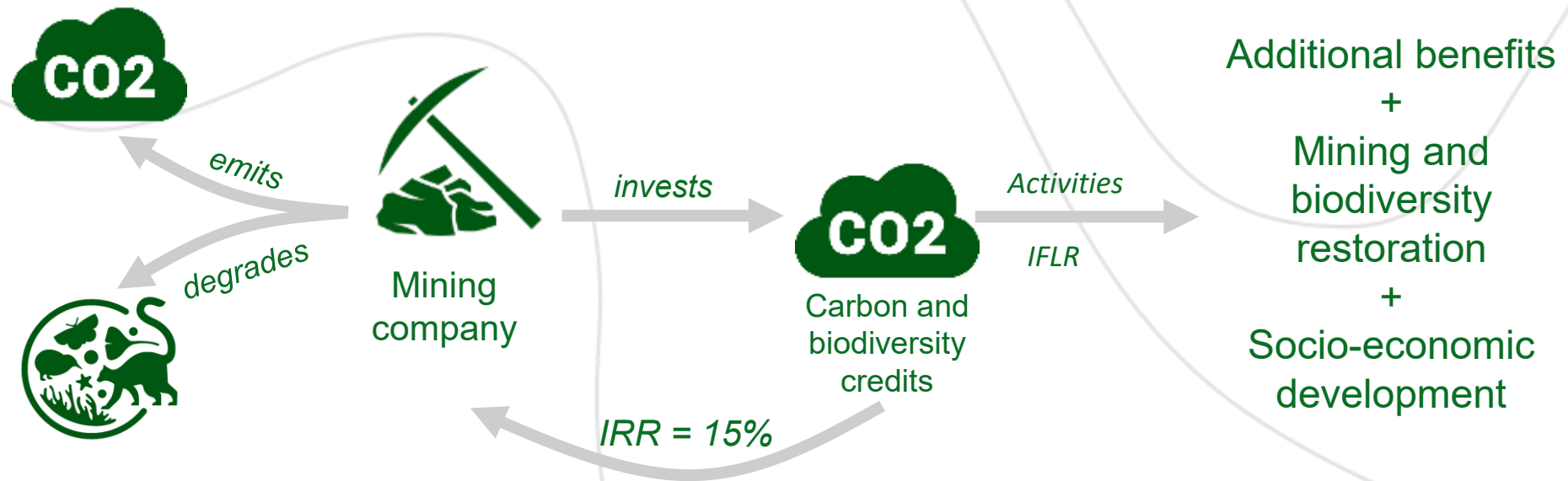
- R&D Department
- Innovative biotechnologies
- Economic models for restored forest and agroforest systems



3) Bottom-up Approach

- Support for landowners to manage their land sustainably
- Technical assistance, training and knowledge transfer

Example – Integrated project mine/IFLR



Thank you!

Want to know more? Contact us:

Alexandre Couturier Dubé

📞 +1-418-894-3349

✉ acdube@viridisterra.com

🌐 www.viridisterra.com

