

THINK NORDIC COP16

Mining with Nature

Use the **#ThinkNordic**



AGENDA



12.30: Registration

13:00: Opening remarks by Swedish Ambassador, Helena Storm

13.08: Introduction to the seminar by Katarina Walter, CEO Ecogain

13.20: Keynote: Mining with Nature – the Mining Industry’s roadmap
by Anders Enetjärn, Founder, Ecogain

13.50 Panel 1: Societal demands on mining and biodiversity

14.25 Panel 2: Upstream and downstream – “sphere of influence”

14.50 Wrap up: Important takeaways from the seminar

15.00 Networking



Introduction to the seminar

Katarina Walter

CEO, Ecogain

Hej
Välkomna
Tack



Ինձուն

Hej!

Hej hej!

Välkomna!

Tack tack!





**The foundation of life on earth,
biodiversity,
is under serious threat.**

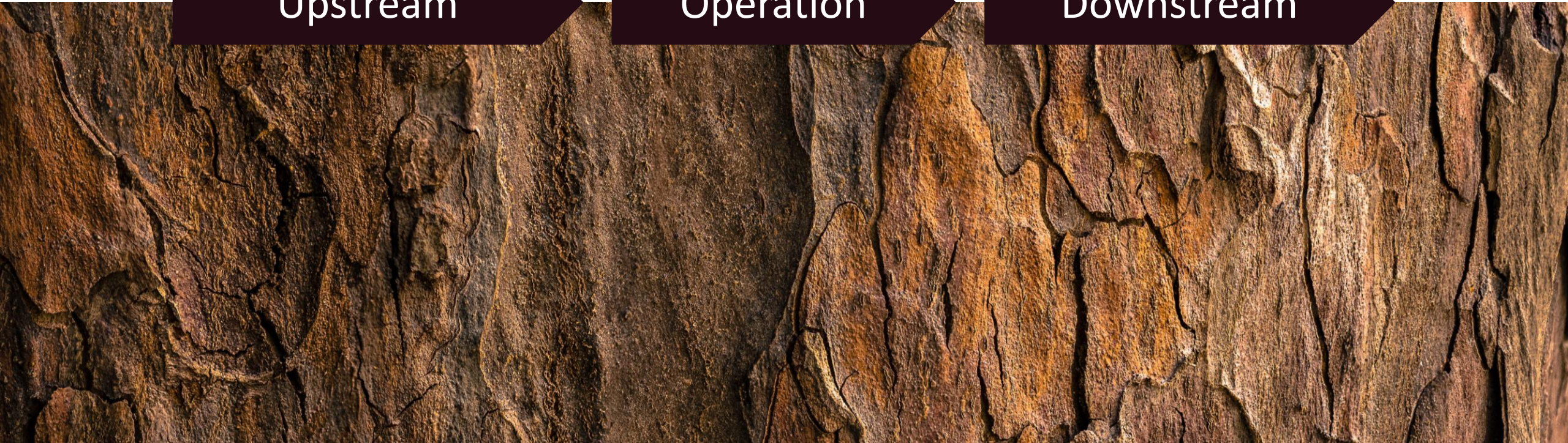
Great opportunity to change it.



Upstream

Operation

Downstream



Keynote

Anders Enetjärn

Founder, Ecogain



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2 COMMITMENTS
1 CHALLENGING INSIGHT

svemin.

- 70 companies with over 14,000 employees in production, exploration, and technology
- Policy and capacity building
- Extensive exploration and about a dozen active mines
- Iron ore, copper, zinc, lead, gold, and silver





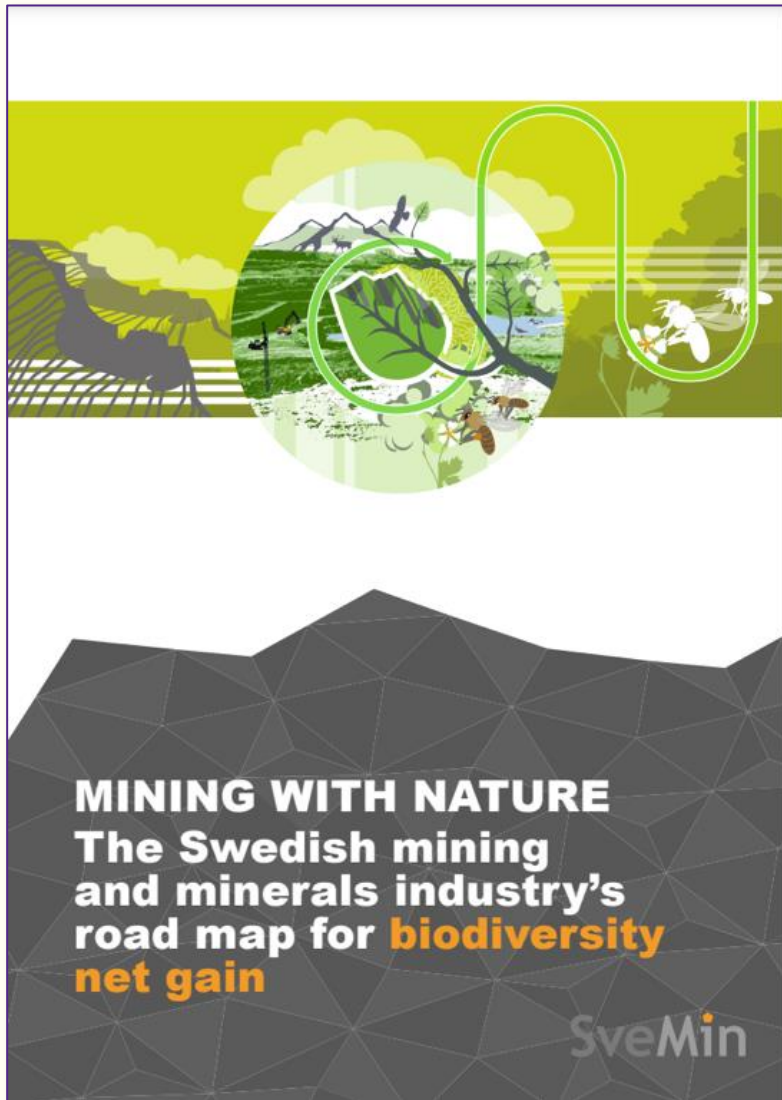
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LIVING PLANET
SOLUTIONS



MINING WITH NATURE

A sector based biodiversity transition plan.



What?

- Ambitious commitments made by Svemin's board 2020
- A sector based transition plan with guidance

Why?

- Ensure market relevance and meet finance and clients expectations
- Increase society's acceptance and prepare for regulations
- Contribute to societal goals on biodiversity and climate





Commitment 1

By 2030 to contribute to a biodiversity net gain in all regions where mining and minerals operations and prospecting take place.



How?

- Changing behaviours in the operations on the ground
- To start being economical with land use
- Viewing land as a resource that is scarce and must not be wasted

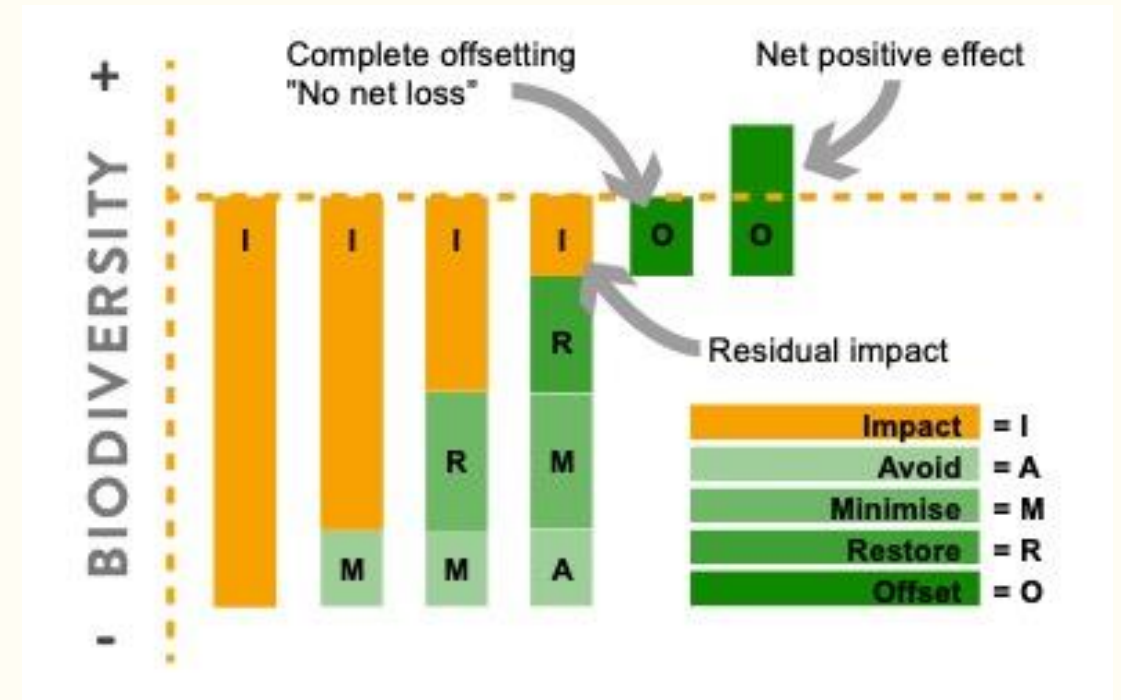


The Mitigation Hierarchy

Steps of the mitigation hierarchy:

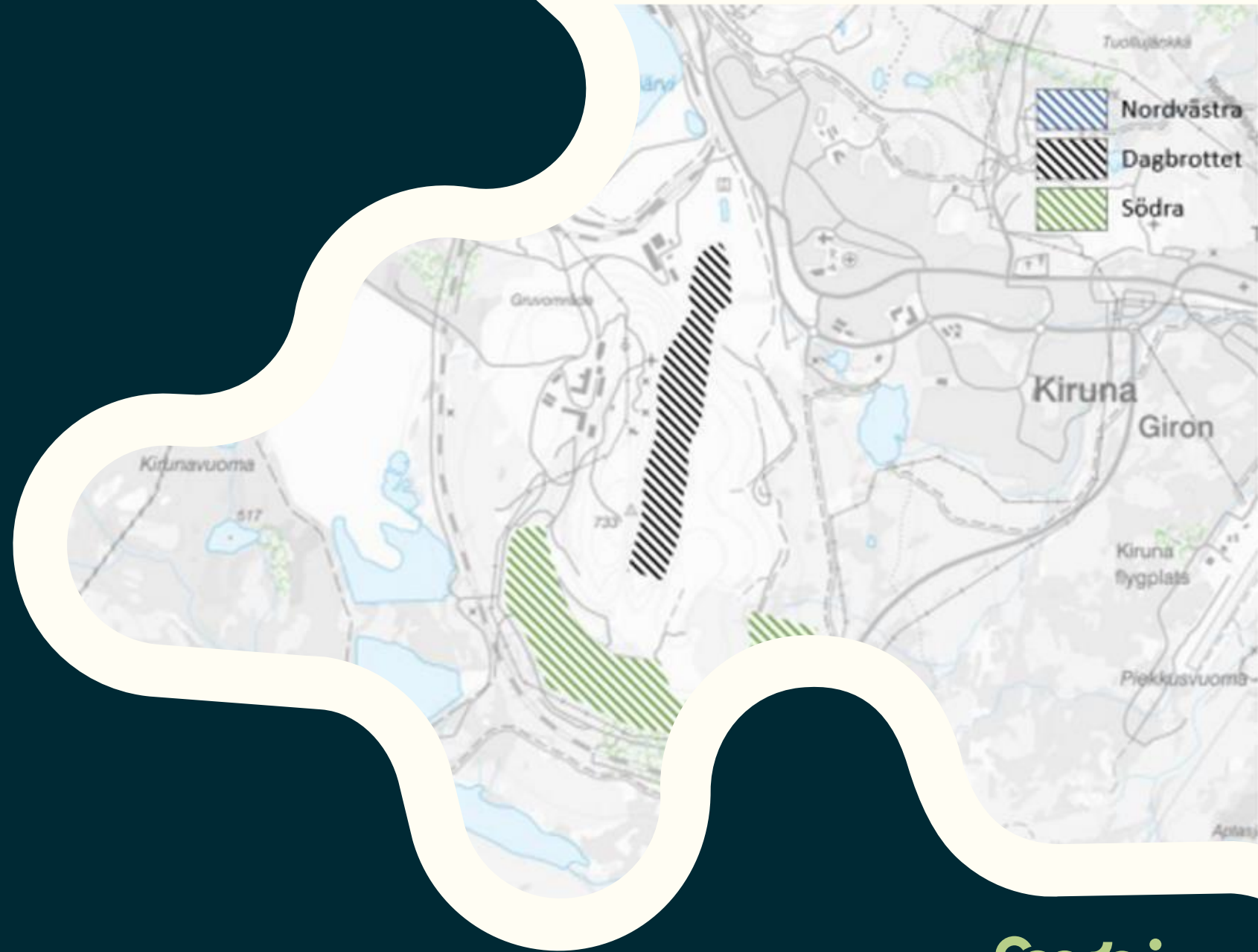
1. avoid,
2. minimise,
3. restore and
4. offset

for negative impact on biodiversity.



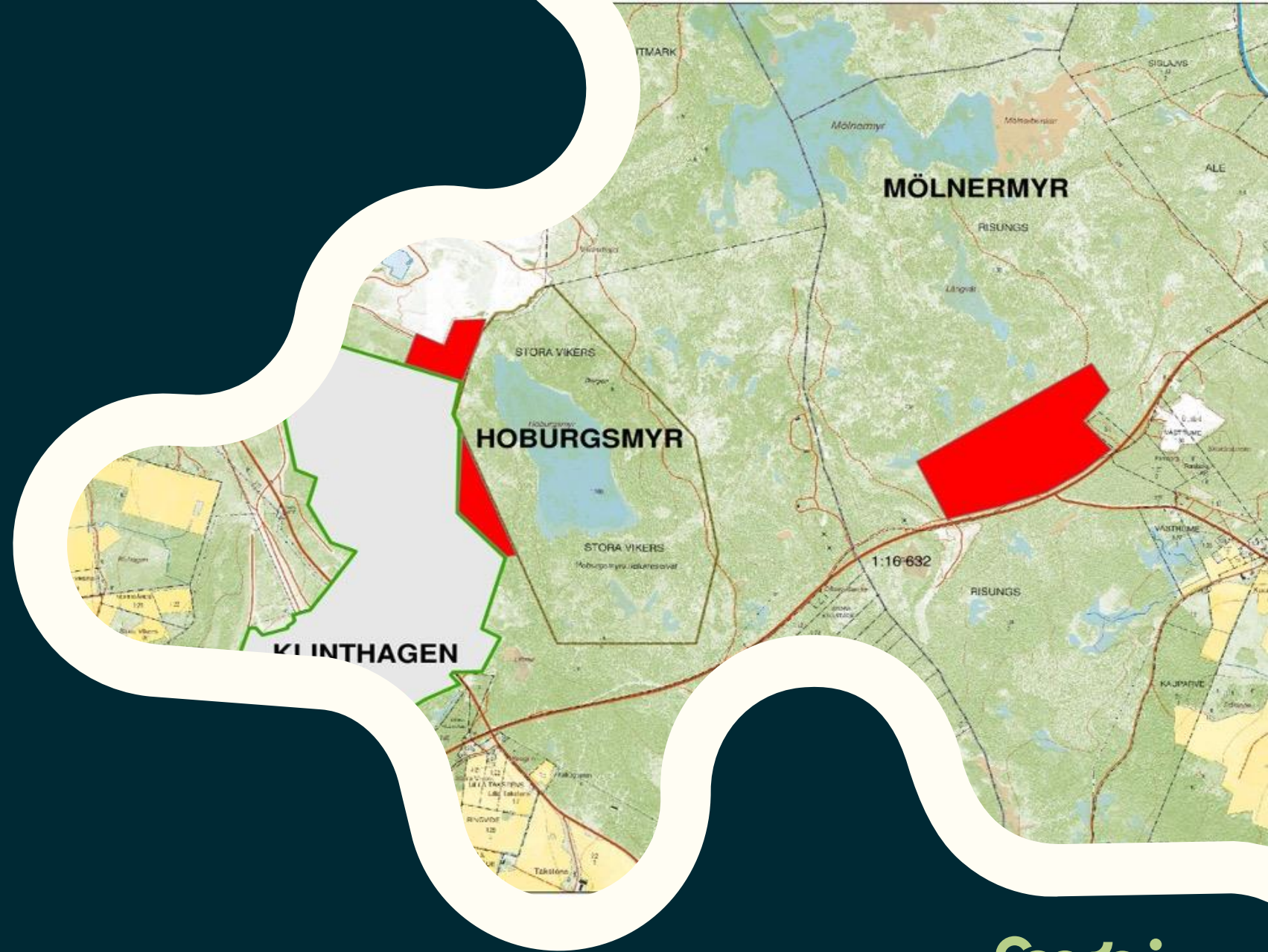
Avoid

We always gather knowledge and balance different interests when designing new projects. The first step is to avoid negative impacts.



Avoid

Through the years we have refrained from extraction in many high biodiversity areas, and sold such land



Minimize

The application for a new permit was designed to minimize the impact on nature and key species like the Marsh Fritillary butterfly.



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Minimize

We limit off-road driving in sensitive natural environments when conducting exploration work.



Restore

We restore an old sand reservoir to create new wetland habitats.



Restore

We proved it possible to relocate a stream - simply to construct a new stream - and through that avoid damage to a N2000 site downstream of the operations.



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Restore

We create new meadowlands to minimize dusting.



**Zinkgruvan
Mining**

Էսթրան

Offset

We protect and restore large areas of forest habitats offsite from operations.



Offset

We conduct a large scale compensation programme for habitats, plants and insects, based on a long term scientific survey



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Committment 2

By 2027 produce and implement a system for member companies' reporting and monitoring progress towards the goal and conduct a gap analysis.



**With these
committments, how
do we prove
progress?**





Challenging insight

To prove our contribution to a net gain biodiversity in every region, we need a metric.

Area based calculation
model, quantifying
biodiversity in
terrestrial
environments



Reasonable trade off
between scientific
correctness and
corporate applicability

To objectively value Nature

Change of business

- Capacity building, research and shared insights
- Appointment of mandate and resources
- Innovation in ecological restoration
- Site specific biodiversity management plans
- Large investments in offsetting
- Value chain approach



Incentivising high biodiversity performance



QR-codes



CLIMB

– A metric for biodiversity

climb.ecogain.se/en



Mining with Nature

– Transforming industry impact

miningwithnature.se/en/



Business & Biodiversity Sweden

– Join our business network

businessandbiodiversity.se/english



Societal demands on mining and biodiversity



Helena Soimakallio



Johan Wahlberg



Karin Lexen



Naturskyddsföreningen

Upstream and downstream – “sphere of influence”



Óscar Alberto Combita



Owain Griffiths



Helena Soimakallio

