
Closing remarks

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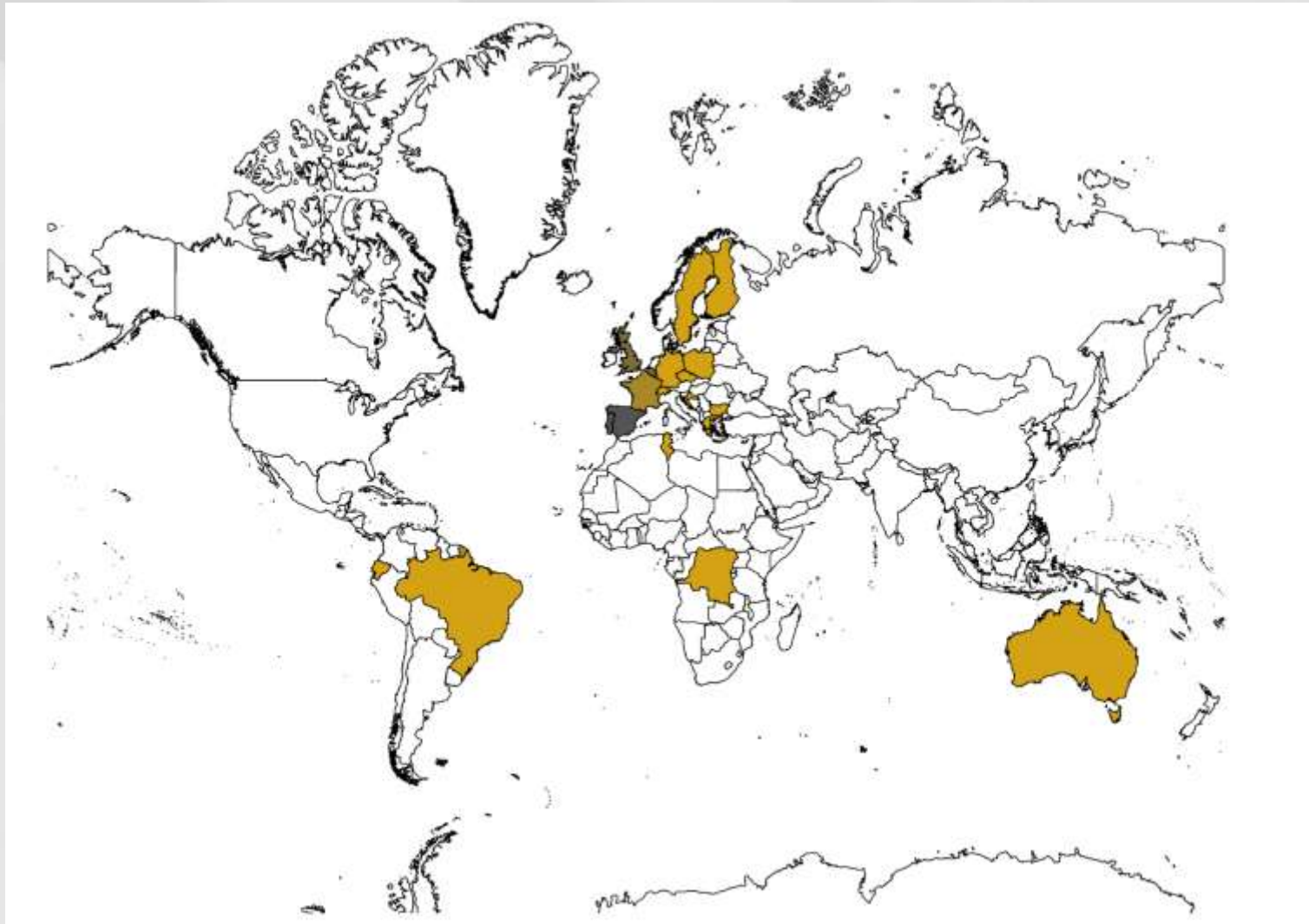
It started as an idea...



Quarries alive

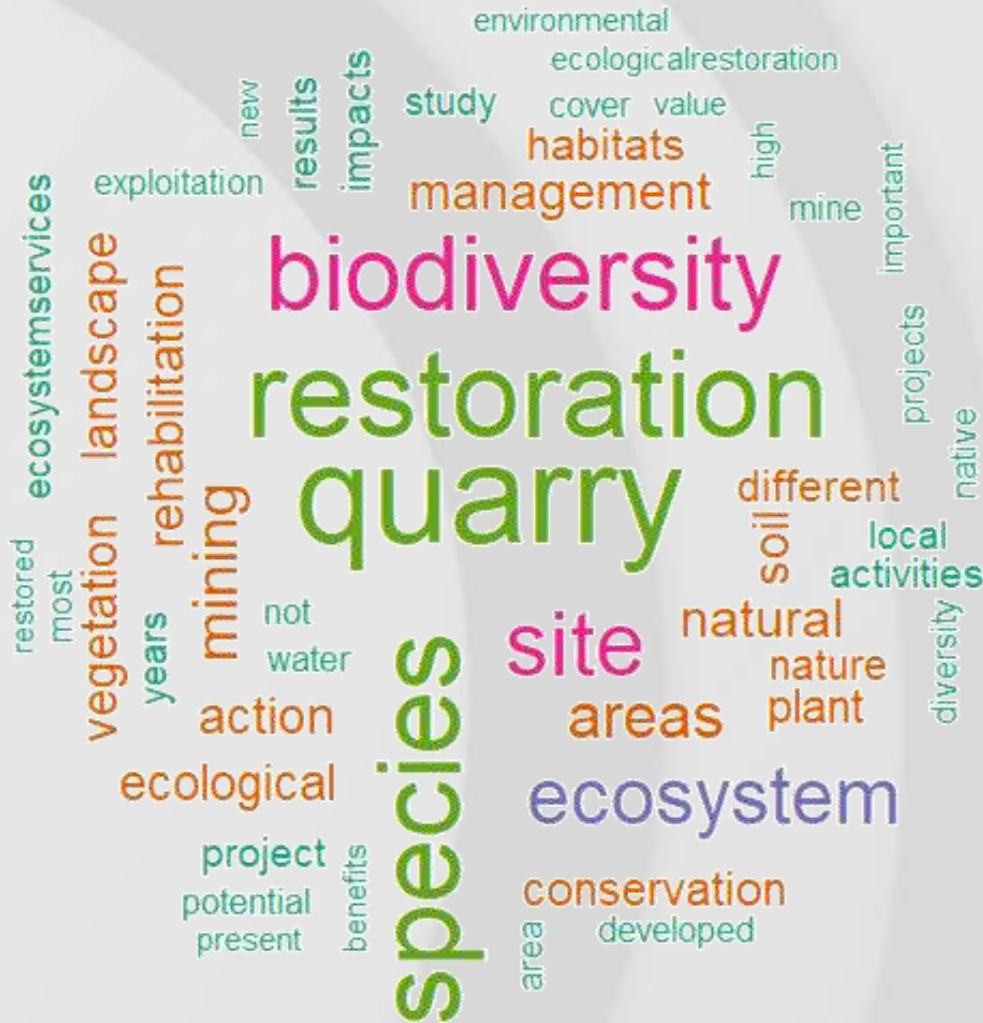


World representation of attendees / communications





Summing it up...



Hot topics:

- Restoration
- Quarry
- Species
- Biodiversity
- Ecosystem
- Conservation
- Landscape
- Vegetation/Plant
- Soil
- Natural
- Habitats
- Management
- Action
- Ecological



Main ideas

Industry wants to be more transparent, involving public and improving its image to society;

Industry and science are partners with common goals on quarry restoration;

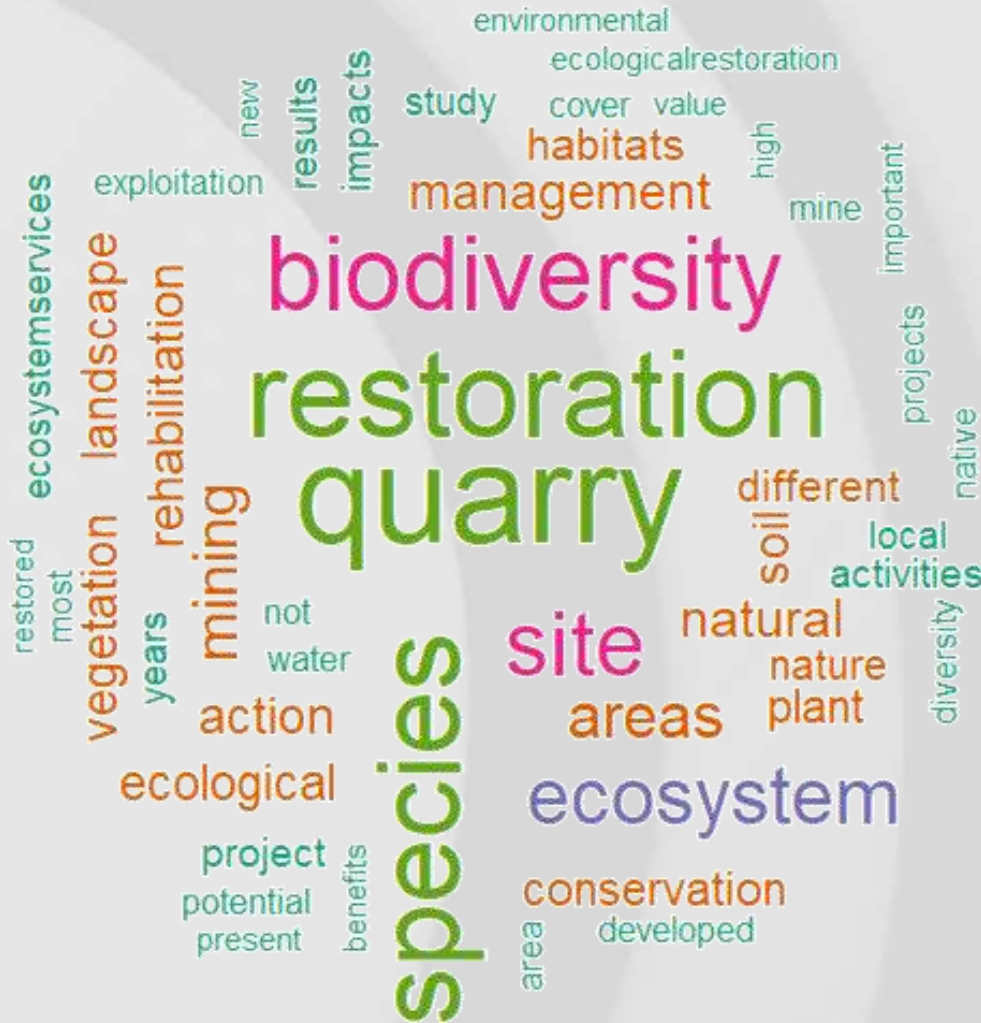
There is room to promote and develop these partnerships, though high dependency from industrial investment;

Studies roam from flagship species to “invisible biodiversity” which contribute to ecosystem services;

Are being develop several attends to create a more improve techniques both for restoration practices and to evaluate the effectiveness of this practices.



Summing it up...



Cold topics:

- Ecological restoration
- Ecosystem services



Future challenges

Define restoration: what are the current trends for restoration?

Restoration can be used in general, in a more open concept; more than reaching a reference ecosystem it is important to define the trajectory and monitor its evolution to check the provision of ecosystem services.

How to measure biodiversity

Industry and researchers should collaborate more in terms of the choice of indicators to track the success of the restoration in a global perspective and not indicators that are not comparable among each other.

Several indicators are actually available, further work is needed to identify their strongholds, better define their usefulness and applicability and their redundancy to move towards realistic tools.



Future challenges

Improve communication between actors

Better communication is needed between science, industry and society. Every actor can actively contribute with important perspectives on how to restore a site.

Invest in long-term monitoring

We must assure long-term monitoring studies associated with an adaptive management to measure true trends and restoration effectiveness.

Assess function and ecologic processes

Moving forward species biology and community ecology, further information is needed regarding how ecosystems function and how ecological processes can be improved (e.g., pollination)

Set goals in Green Infrastructures

Working together to develop a strategic plan to enhance the role of quarries in the green infrastructure.



Quarries alive



Our team...





Organization team



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