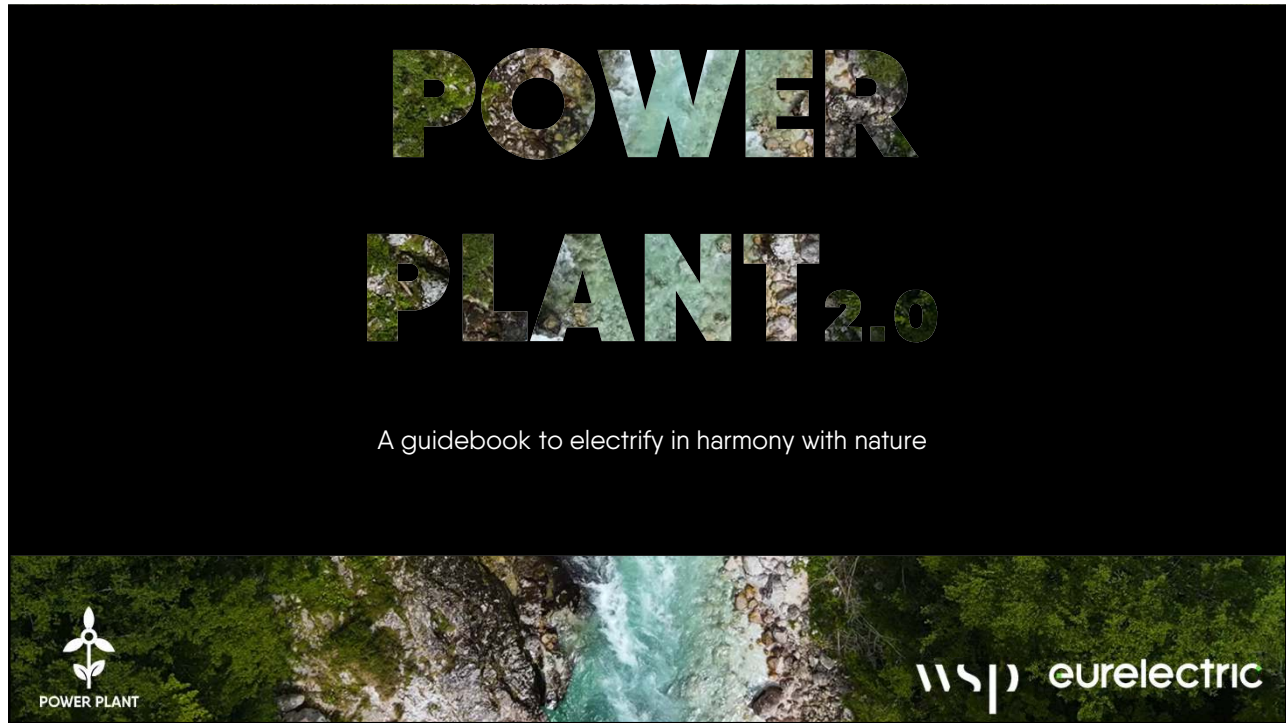
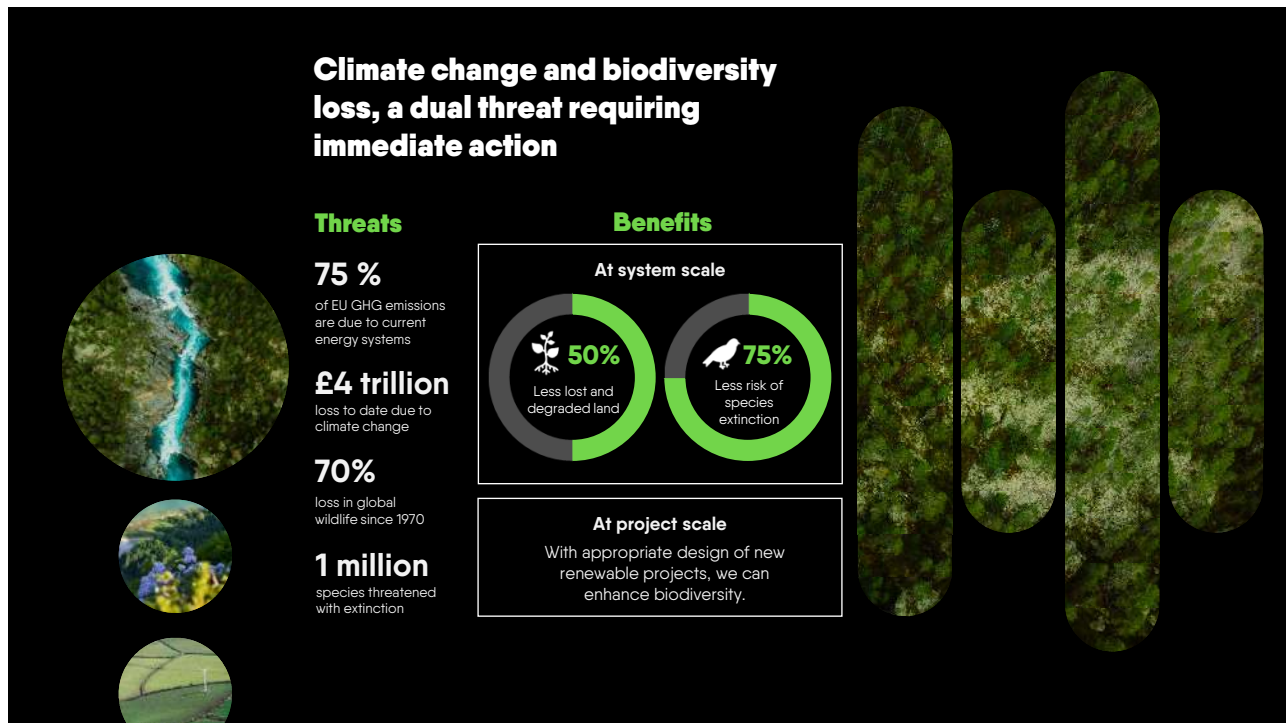




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Throughout Europe, the power sector integrates biodiversity

Power Plant 2.0 highlights 15+ case studies

Distribution grid		Austria Ireland	Solar		France Spain Germany
Wind		Onshore France Scotland Offshore UK	Hydro		Austria Germany Norway

3

Challenges

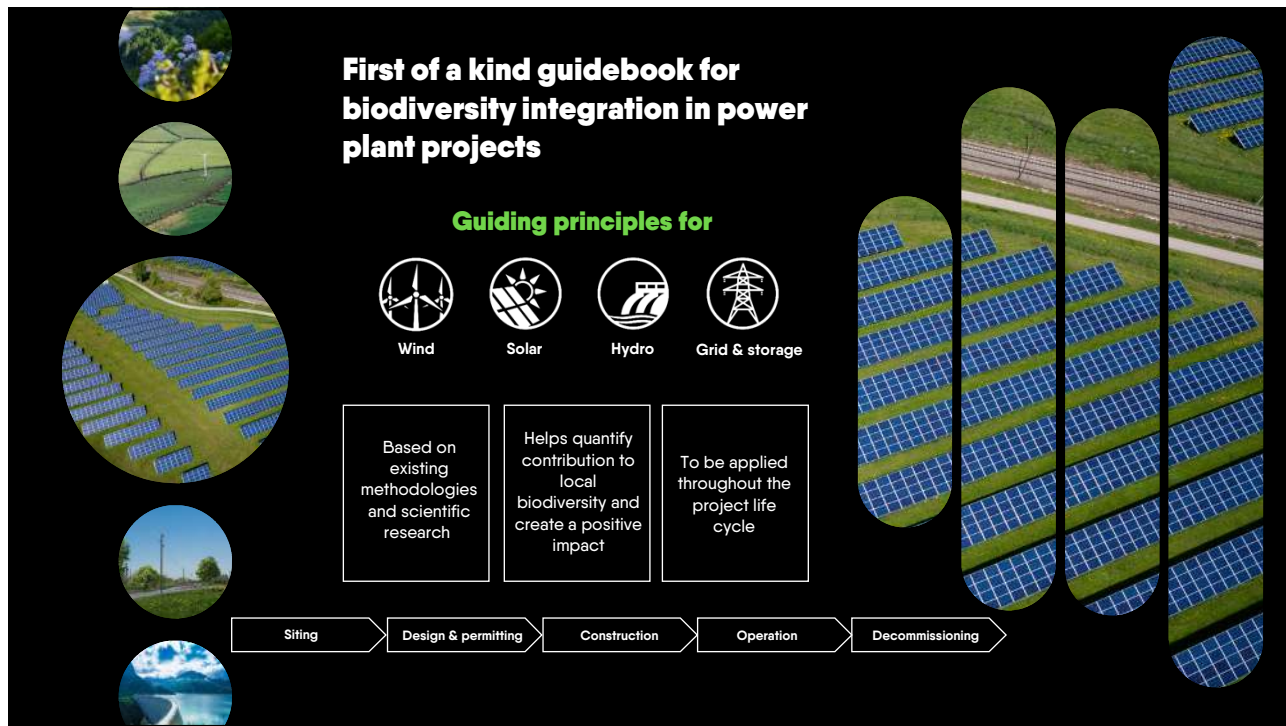
		
Conflicts	Increased costs	Available scientific data
		
Lack of standards	Complex interactions	

... and opportunities

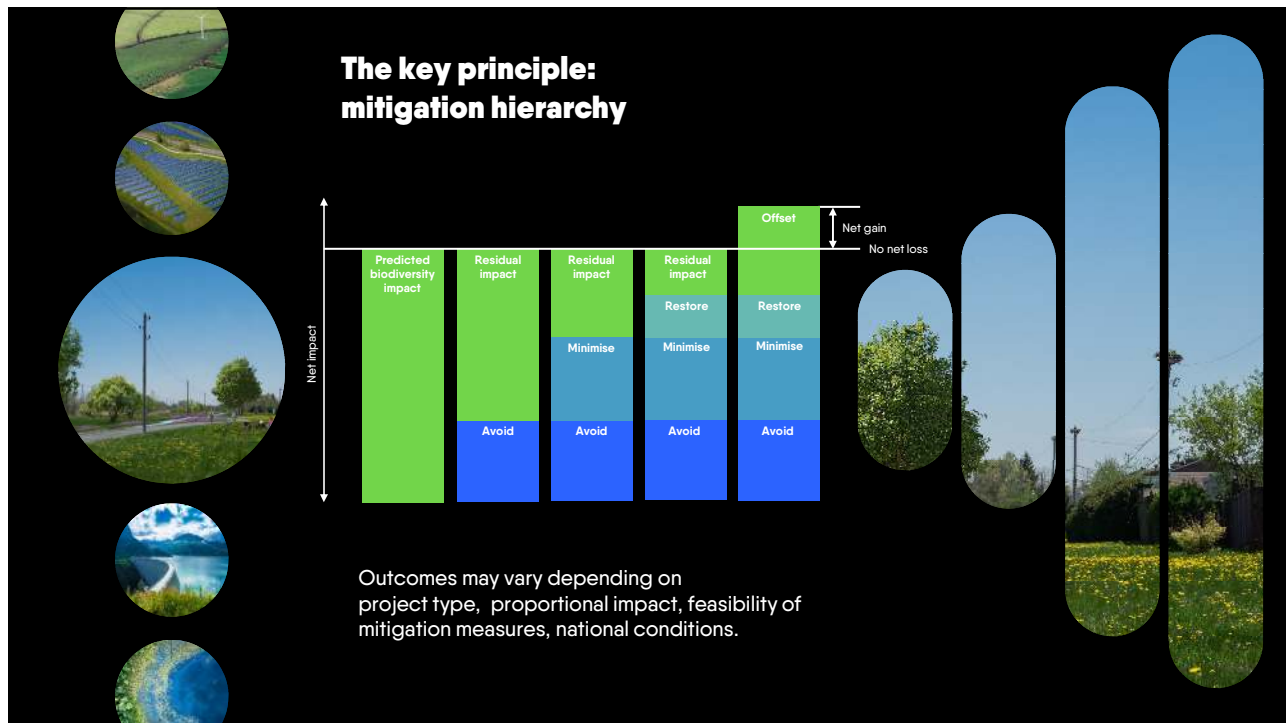
			
Low-biodiversity areas	Ecosystem services	Project de-risking	Data-sharing & knowledge transfer

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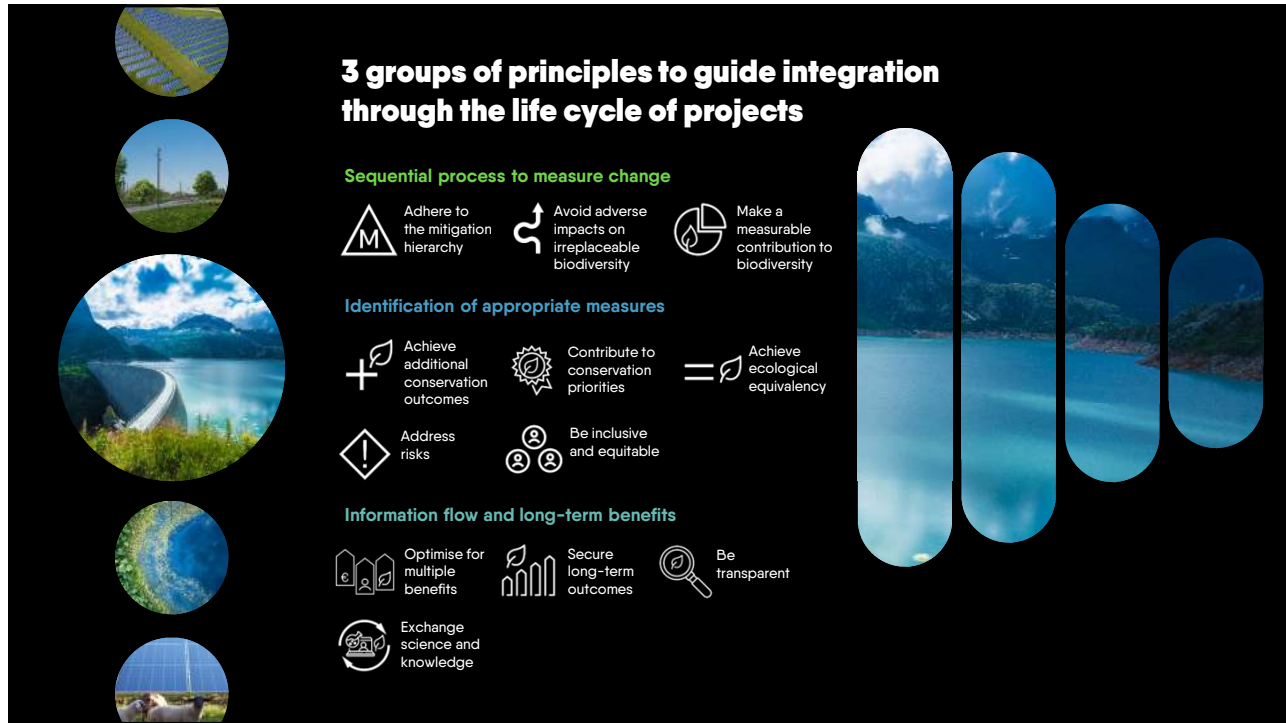
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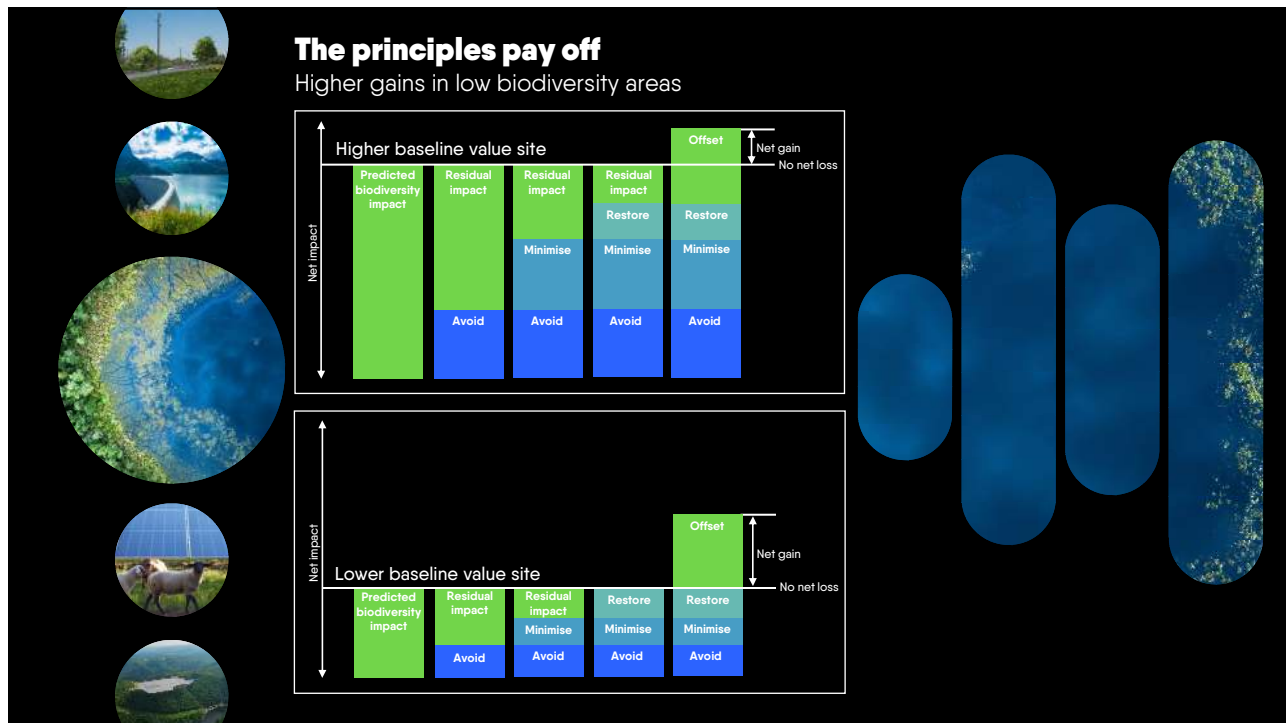
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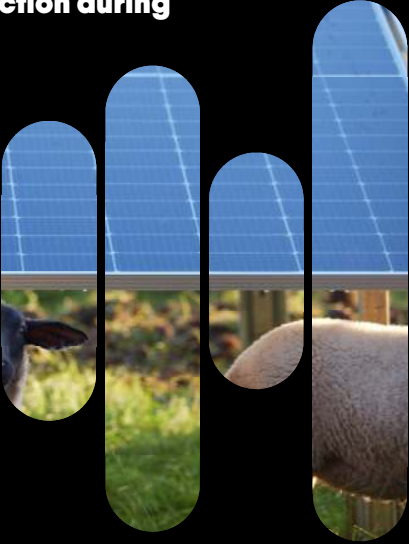


Actioning the principles: nature protection during design and permitting

Example
Avoid sensitive areas along migration corridors through the clustering of solar arrays in blocks and definition of buffer zones

Key principles for this stage

- Contribute to conservation priorities
- Achieve ecological equivalency
- Be inclusive and equitable
- Optimise for multiple benefits



9



Actioning the principles: nature protection during operation

Example
Implement operating rules around natural flow conditions to facilitate fish migration in hydropower plants

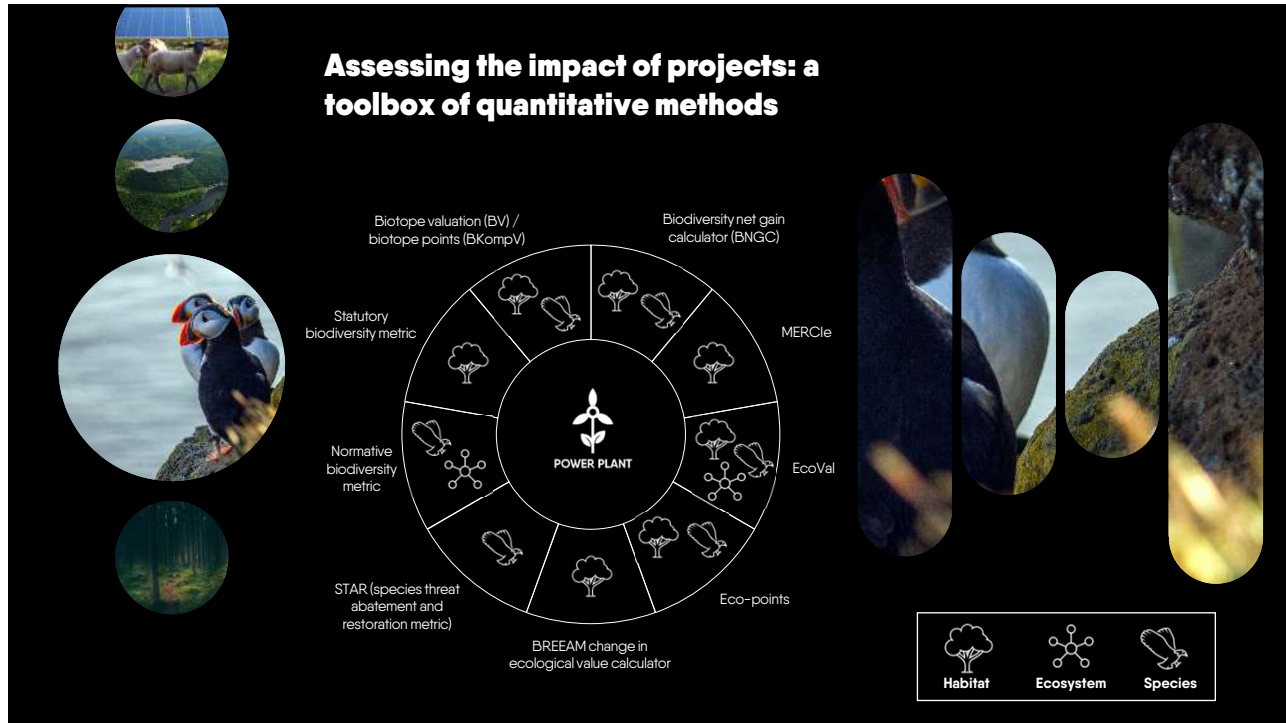
Key principles for this stage

- Make a measurable contribution to biodiversity
- Be transparent
- Secure long-term outcomes
- Exchange science and knowledge

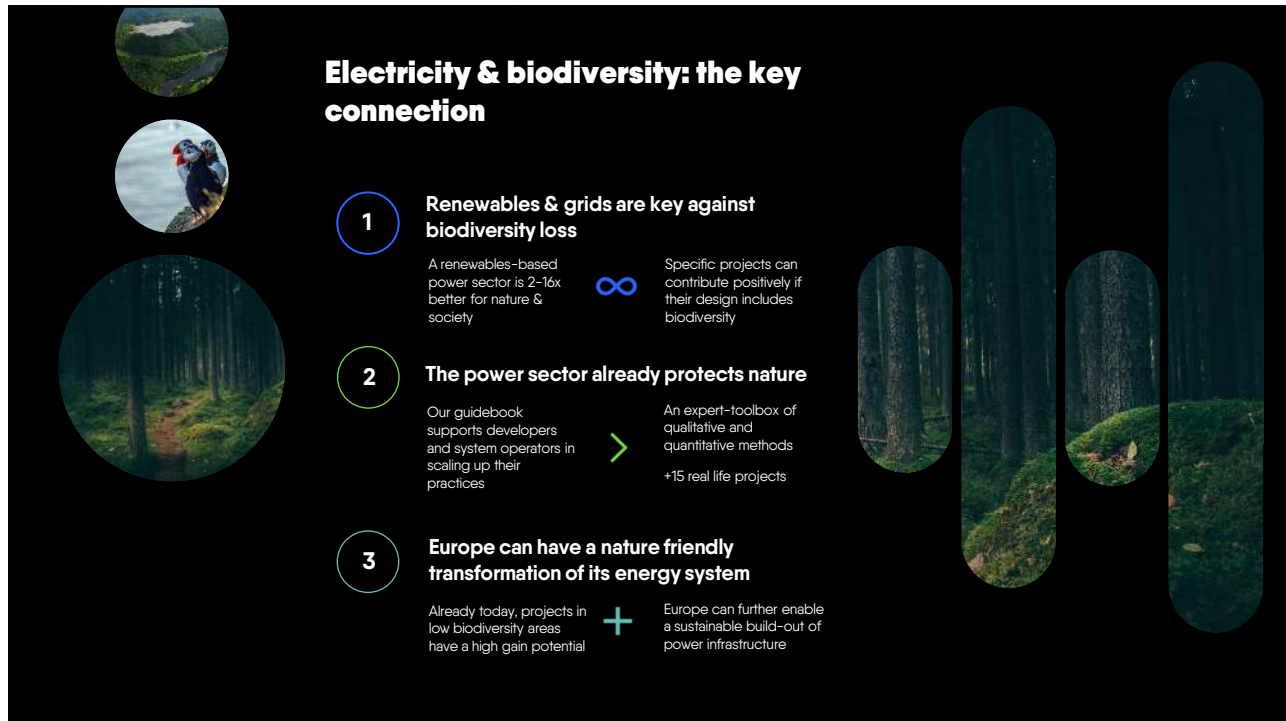


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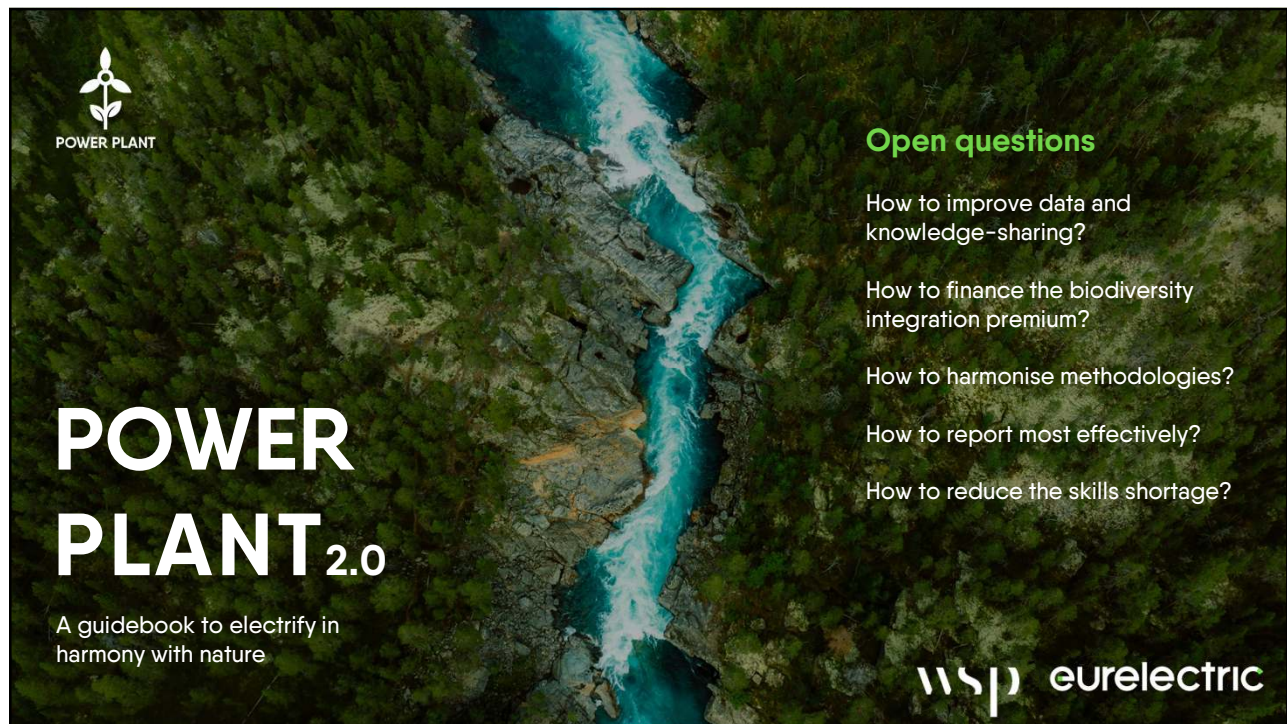
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