

BEEs

The LifeWatch ERIC Biodiversity & Ecosystem eScience Conference

Seville
22-24/05/23



Threats and challenges to biodiversity and ecosystem conservation from an eScience perspective





BEEs

Seville, 22-24 May 2023

*Threats and challenges to biodiversity and ecosystem
conservation from an eScience perspective*



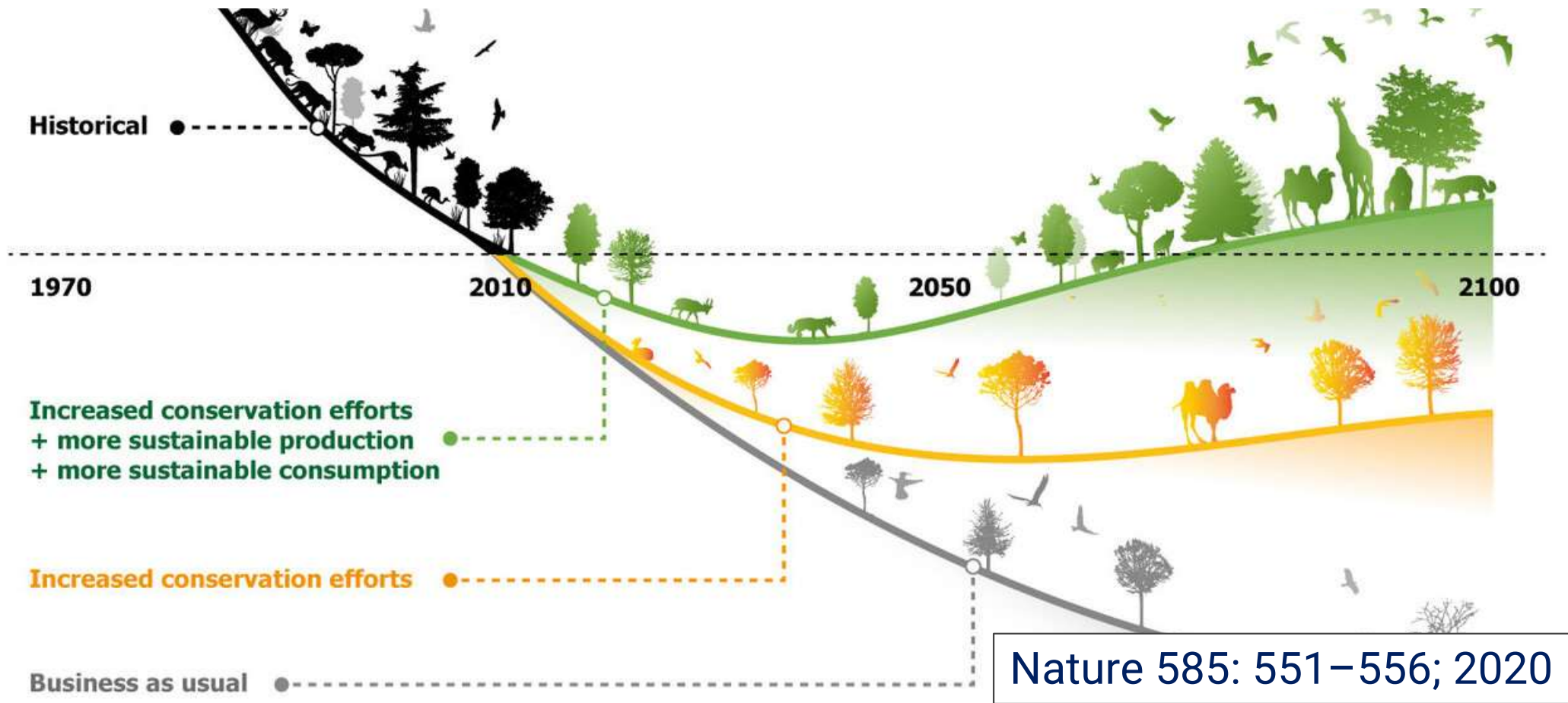
Towards digital twin oriented Virtual Research Environments

Peter van Tienderen

LifeWatch Netherlands
University of Amsterdam



Bending the curve of biodiversity loss



Understanding ecosystem dynamics



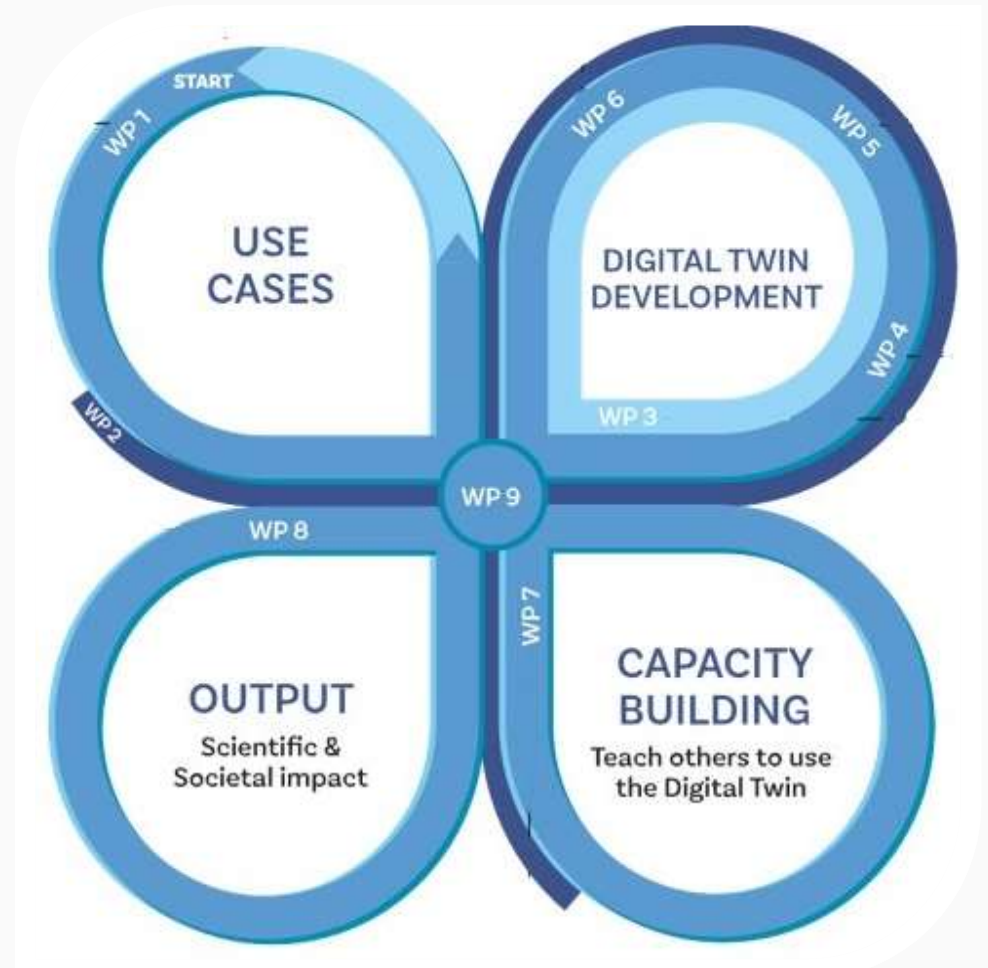
Destination Earth



Analyse the past, monitor the present, predict the future

Digital twin for predictive ecology

- ✓ Location specific
- ✓ Biotic/Abiotic/Societal data
- ✓ Interaction models
- ✓ Common VRE architecture
- ✓ Scenario deployment
- ✓ Stakeholder involvement

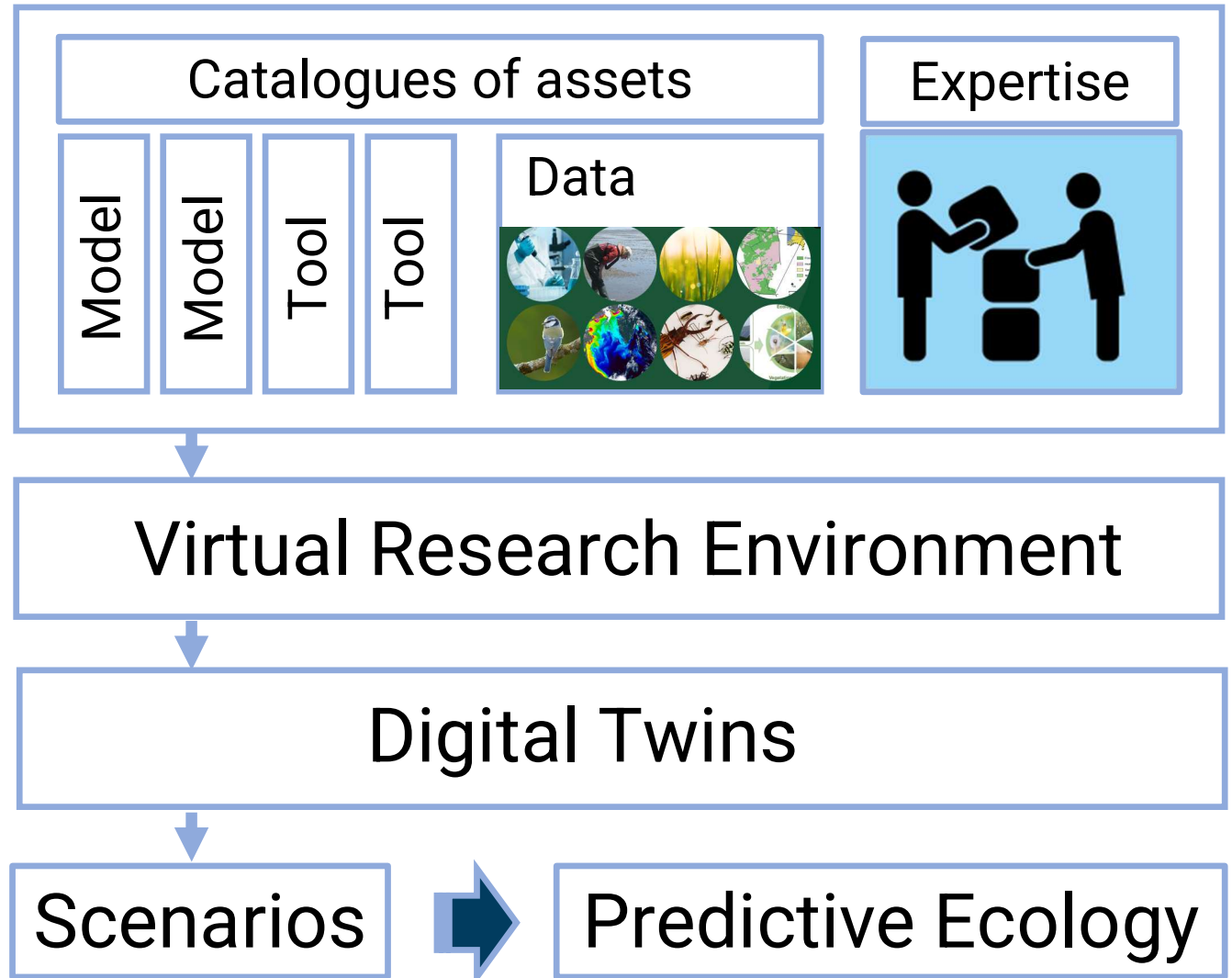




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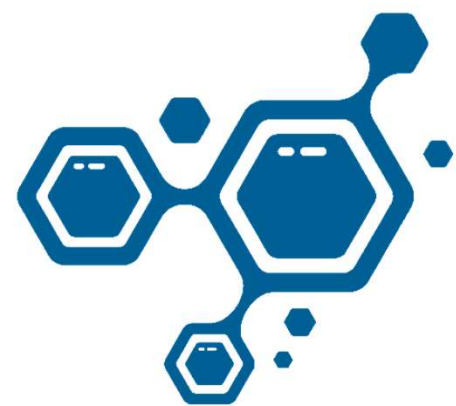


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Thank you! | Website: [LTER-LIFE.NL](https://www.lter-life.nl)

