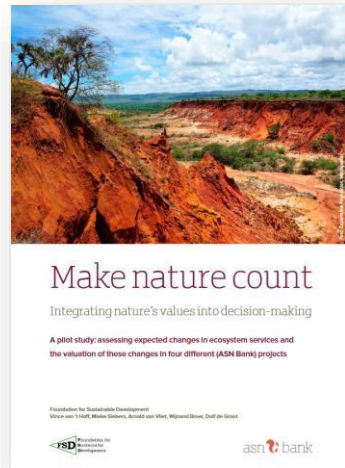


Nature-inclusive Landscape accounting

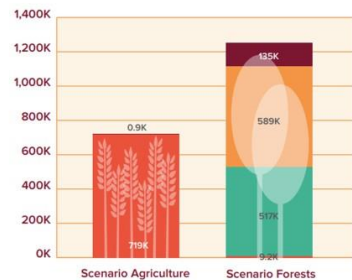
Value for whom?



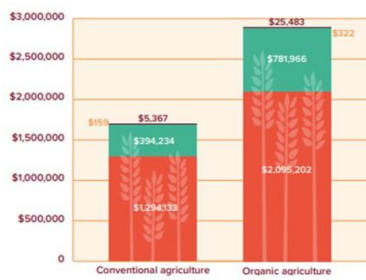
FSD: 25 years of showcasing the value of nature



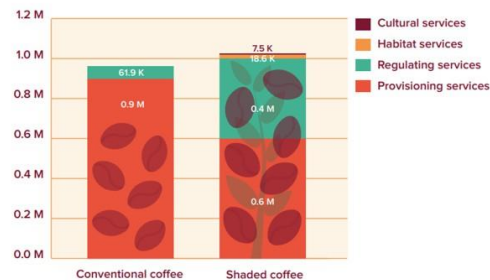
Understanding the trade offs



NPV Geelders over 10 years with a discount rate of 5%. Results separated based on ecosystem service type per scenario.



Conventional vs organic agriculture in Spain: TEV per scenario in \$/year for 296 hectares



NPV Coffee in Nicaragua over 10 years with a discount rate of 5%. Results separated based on ecosystem service type per scenario.

Behind every ecosystem service is a beneficiary

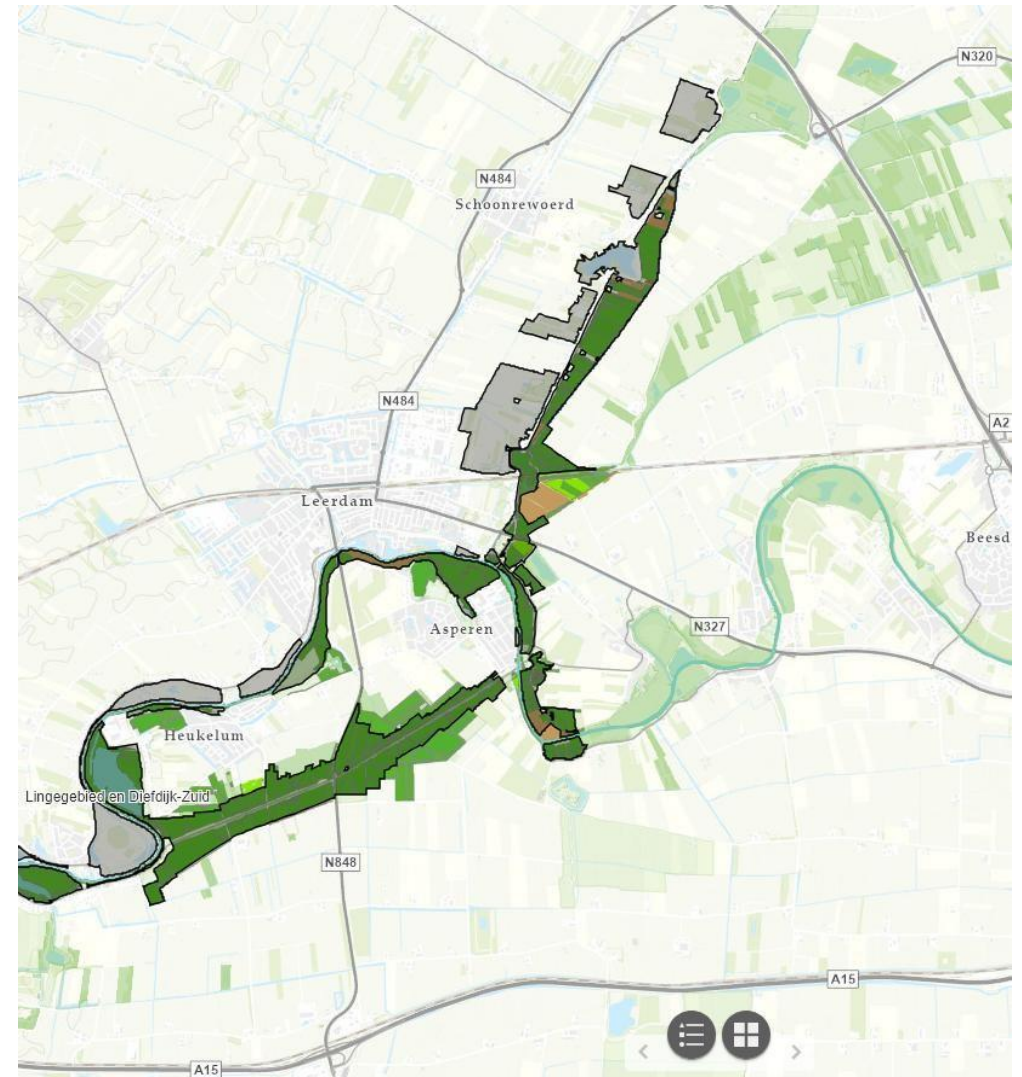


Ecosystem service	Land use	Conventional agriculture (full potential)	Organic agriculture (full potential)	Difference
Provisioning	Total provisioning services	\$ 1,294,133	\$ 2,095,202	\$ 801,069
Crop production	Rainfed almonds	\$ 299,904	\$ 299,904	\$ -
	Irrigated almonds	\$ -	\$ 195,318	\$ 195,318
	Olives	\$ 229,499	\$ 229,499	\$ -
	Rainfed pistachios	\$ -	\$ 719,421	\$ 719,421
	Irrigated pistachios	\$ -	\$ 651,060	\$ 651,060
	Peaches	\$ 159,721	\$ -	-\$ 159,721
	Apricots	\$ 541,663	\$ -	-\$ 541,663
	Wheat	\$ 63,346	\$ -	-\$ 63,346
Water	Natural area	\$ -	\$ -	\$ -
Genetic resources	Natural area	\$ -	\$ -	\$ -
Medicinal resources	Natural area	\$ -	\$ -	\$ -
Ornamental resources	Natural area	\$ -	\$ -	\$ -
Regulating	Total regulating services	\$ 394,234	\$ 781,966	\$ 387,732
Air quality regulation	Natural area	\$ 65,936	\$ 131,220	\$ 65,284
Carbon sequestration	Natural area	\$ 98,839	\$ 196,700	\$ 97,861
	All crops	\$ 258,783	\$ 299,380	\$ 40,597
Moderation of extreme events	Natural area	\$ -	\$ -	\$ -
Regulation of water flows	Natural area	\$ -	\$ -	\$ -
Waste treatment	Natural area	\$ -	\$ -	\$ -
Erosion prevention	Natural area	\$ 624	\$ 1,241	\$ 617
Maintenance of soil fertility	All crops	\$ -	\$ 28,245	\$ 28,245
Biological control	Natural area	\$ -	\$ 12,370	\$ 12,370
Pollination (voor almonds)	Natural area	\$ 35,988	\$ 71,977	\$ 35,989
	Natural area	\$ -	\$ 172,053	\$ 172,053
Habitat	Total habitat services	\$ 159	\$ 322	\$ 163
Existence, bequest values	Natural area	\$ 159	\$ 322	\$ 163
Maintenance of genetic diversity	Natural area	\$ -	\$ -	\$ -
Maintenance of life cycles	Natural area	\$ -	\$ -	\$ -
Cultural	Total cultural services	\$ 5,367	\$ 25,483	\$ 20,116
Aesthetic information	Natural area	\$ -	\$ -	\$ -
Opportunities for recreation and tourism	Natural area	\$ 5,367	\$ 10,681	\$ 5,314
Education/science	Whole farm	\$ -	\$ 14,802	\$ 14,802
Inspiration for culture, art and design	Natural area	\$ -	\$ -	\$ -
Spiritual experience	Natural area	\$ -	\$ -	\$ -
Information for cognitive development	Natural area	\$ -	\$ -	\$ -
	Total whole farm	\$ 1,693,893	\$ 2,902,973	\$ 1,209,080

Case 1: Natura 2000 Lingegebied/Diefdijk-Zuid

Regional challenges

- Transitionzone
 - Water retention capacity
 - Strengthening Biodiversity
 - Stengthening resilience
 - Fighting invasive species
 - Developing recreation
 - Business case for farmers (blended model)
- Stakeholders
 - Municipalities West Betuwe and Culemborg, Province of Gelderland (Utrecht), Waterboard, farmers, civiliancs, financiers



Case 2: Development Stationskwartier Culemborg

Regional challenges

- From industrial area to attractive living
 - Sustainable and vibrant environment
 - 3.000 houses direct area
 - Sufficient green elements and large public park
 - Combination living.working
 - Mobility
- Stakeholders
 - Municipality Culemborg, projectdevelopers, civilians, financiers
 - Municipality wants to include green infrastructure



The business case for nature



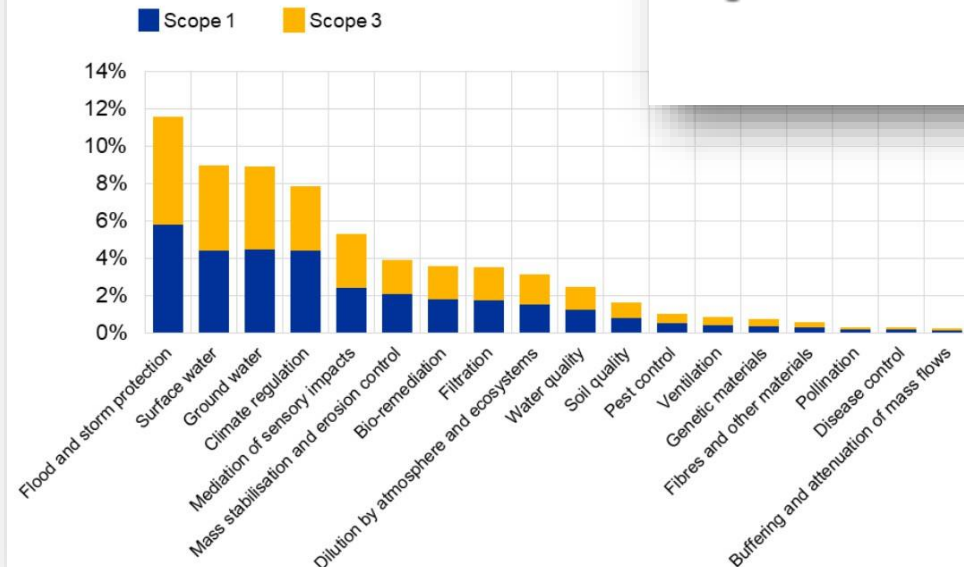
Wageningen

Donderdag 22 januari, 13:24

Nederlandse waterkwaliteit blijft ondermaats, terwijl EU-deadline nadert

Ecosystem service – share of euro area economic output at risk

(percentage shares)



Occasional Paper Series

Nature at risk: Implications for the euro area economy and financial stability

Economic and financial risks stemming from degradation of ecosystem services

WAGENINGEN
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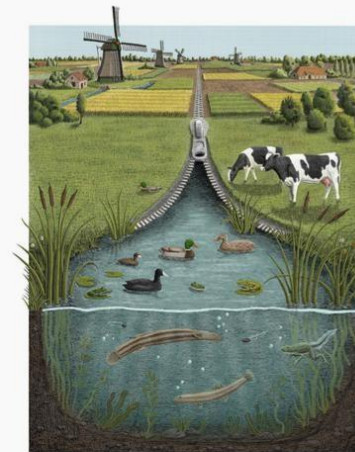
Foundation for
Sustainable
Development

BiROFin



The cost of ignoring nature: Insights from soil, pollination, and conservation scenarios

Hoe de sloten in Nederland verdwijnen



Jaarlijks verdwijnen duizenden sloten in Nederland, blijkt uit onderzoek van de Volkskrant, en dat gebeurt deels illegaal. Regels om de waterkwaliteit te verbeteren geven boeren juist een prikkel om sloten dicht te gooien, en gemeenten handhaven nauwelijks. Wie daar kritisch op is, kan soms zelfs op intimidatie rekenen. 'Als jullie terugkomen, druk ik met een shovel jullie auto in elkaar!'

Door Serena Frijters en Erik Versnel
Fotografie: Harry Cock
Illustratie: Laurens van Gurp
6 maart 2026, 17:00

ke Siebers, Arnold van Vliet, Wenjiao Song, Jelle ten Harkel, Willem-Jan van Zeist, cia Arredondo Rivera, Kaleb Jada, Nico Polman, Koen Leuveland and Haki Pamuk

WORLD
ECONOMIC
FORUM

Strategic Intelligence

Welcome Mieke!

to the World Economic Forum's weekly Strategic Intelligence update.

Staying competitive in an era of constant disruption

The emerging world order is being reshaped by competing energy and technology blocs. The war in Iran underscores persistent geopolitical shocks and volatility. As over 50% of risk experts anticipate sustained disruption from climate change and AI, business resilience hinges on continuous adaptation, strategic flexibility, and embedding geopolitical and technological foresight. Strategy is no longer about optimization, but about navigating constant uncertainty. [Learn more](#)

World Economic Forum

Redefining corporate strategy in a more volatile world

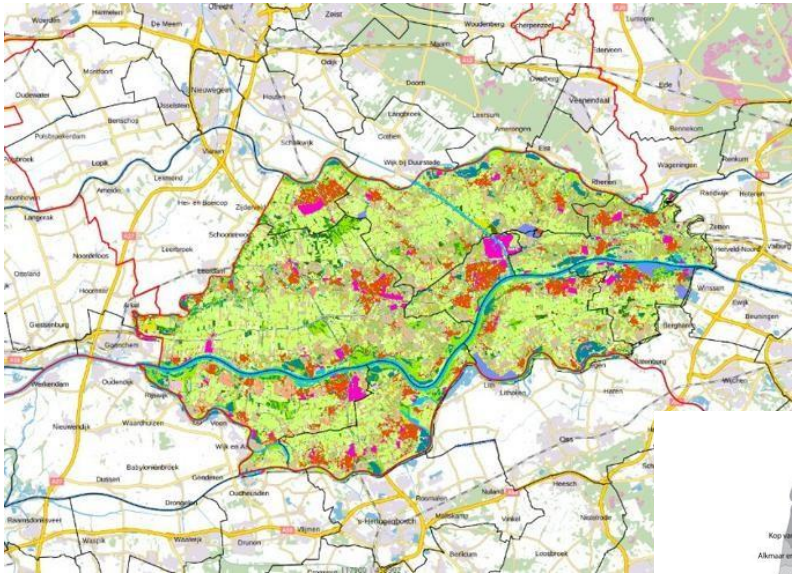
London School of Economics and Political Science

Disruption and Displacement: Understanding the dual transformations of our time

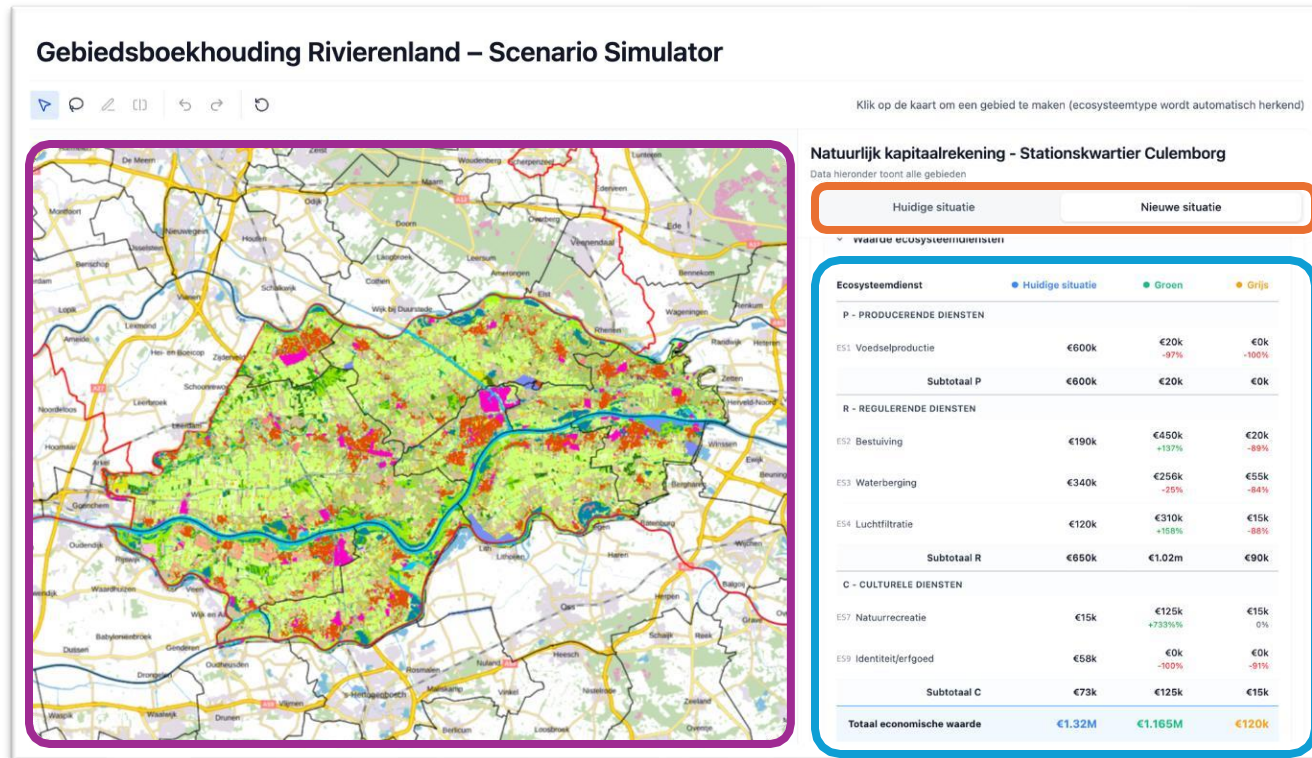
365Economist

Building global business resilience across cyber, AI and geopolitics

Strengthening Regional resilience or It`s all happening in the landscape



What a landscape account could look like



Legenda

Map

Extent

Value

Scenarios

Condition

Beneficiaries

Baseline – What is the current situation?

Scenarios – Which interventions are we considering?

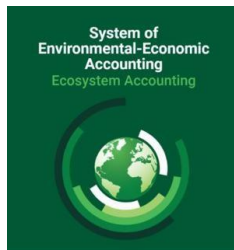
Value – What will change under different scenarios?

Stakeholders – And, for whom?

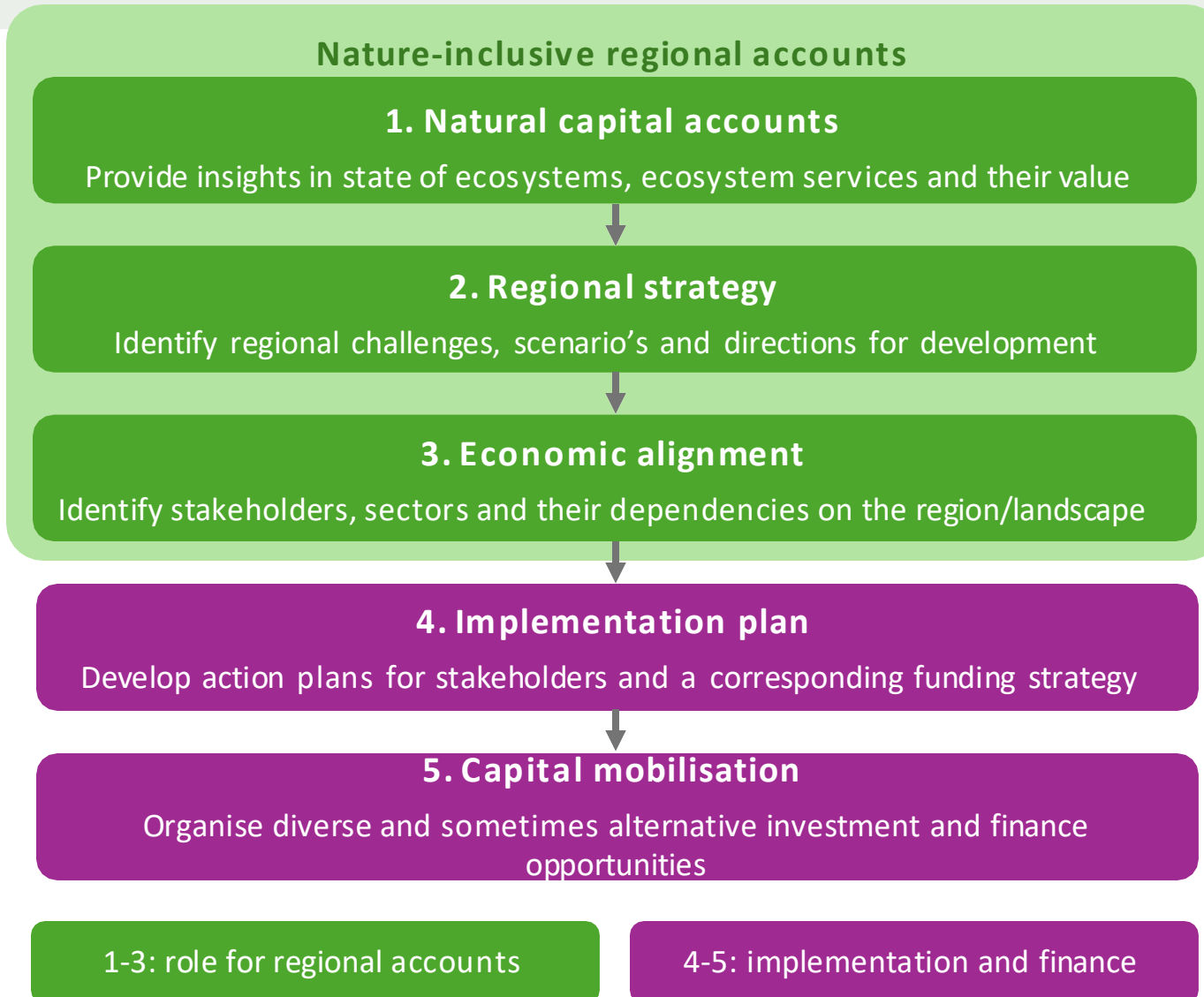
Test examples

Watershed area (water companies and farmers)

Housing and infrastructure (Stationskwartier Culemborg)



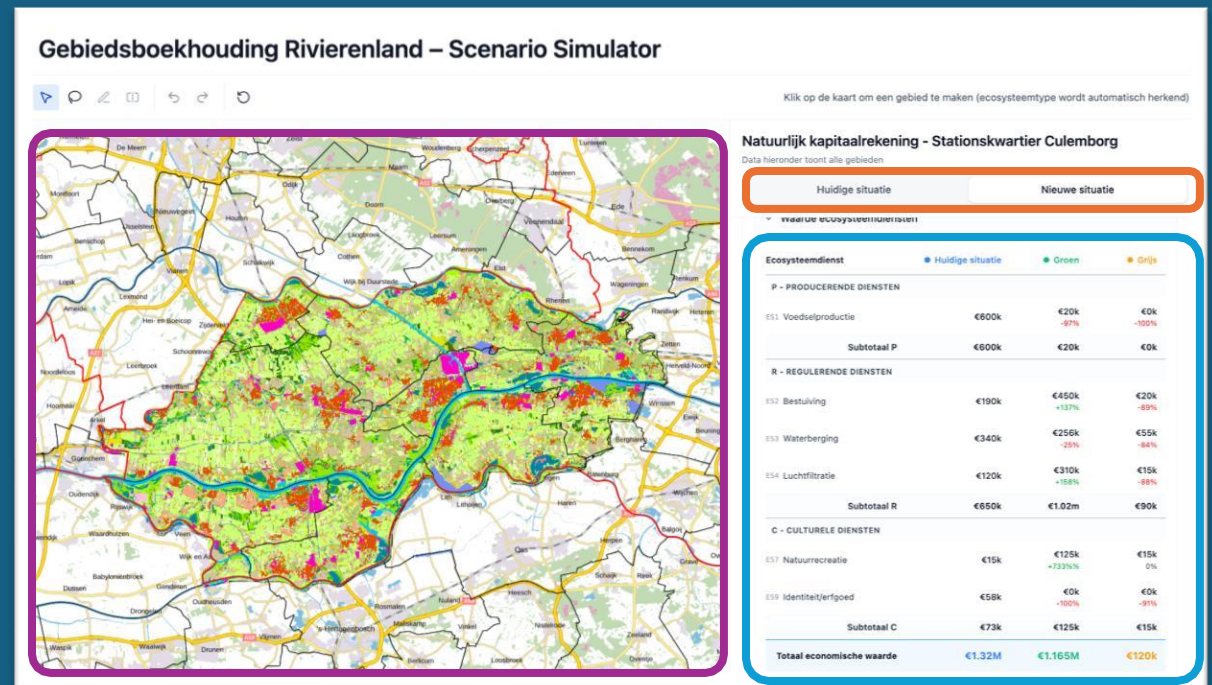
The business case is designed in the process



Lessons from the landscape

- 1 Landscape accounts are technically feasible
- 2 They must represent people and their values
- 3 Value is there, language is missing
- 4 Process flow must be clear
- 5 The business case is designed in the process

Nature-inclusive Landscape account





You can download the report
and read more at esvd.info



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