

Forest as **One** Field of Action for Municipal Biodiversity Conservation

webinar series for municipalities
NATURE RESTORATION & MUNICIPALITIES
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a project of:



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Bayerischer Naturschutzfonds
Stiftung des Öffentlichen Rechts



Who are you dealing with ... and why?

Florian Lang

degrees

- Business Administration (Diploma, University of Applied Sciences Landshut)
- Geocology (M.Sc., University of Bayreuth)

work experience

- 2018-2021: Project management - strategic biodiversity conservation in ten bavarian municipalities
Marktplatz der biologischen Vielfalt
- 2022-2023: Freelance consultancy in biodiversity conservation for municipalities
BKB – Beratung für kommunalen Biodiversitätsschutz
- since 2023: Project management - biodiversity conservation consulting for bavarian municipalities
KomBi – Bayerische Kommunen verstärken den Biodiversitätsschutz



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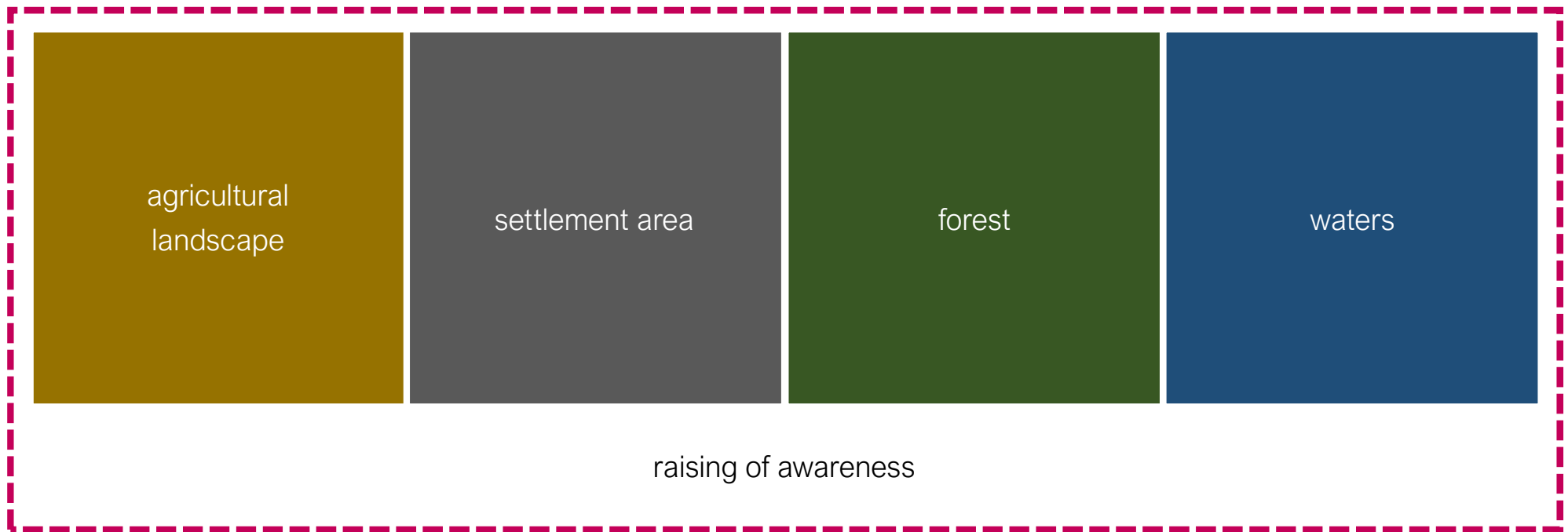


Municipalities – an ideal level of action

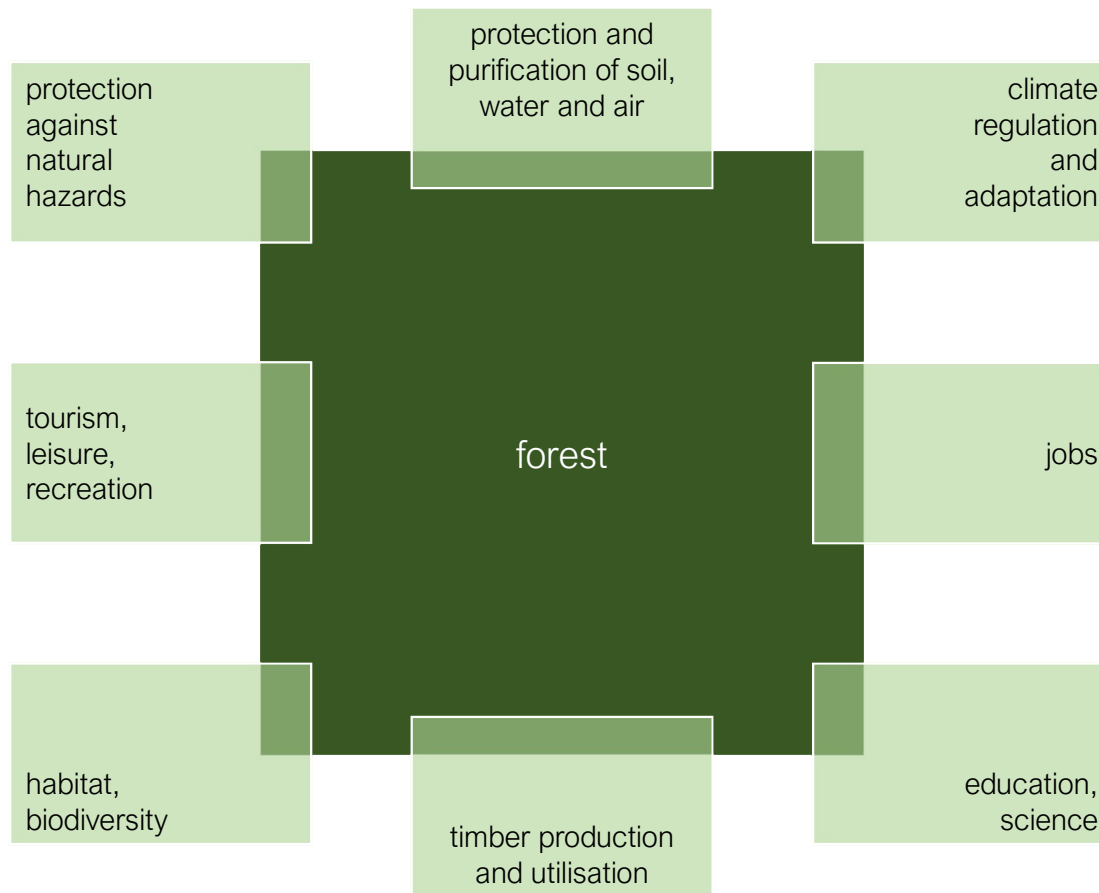
Municipalities are an ideal
level of action
to preserve and support biodiversity

1. Direct access to municipal plots of land
2. Close relationship with citizens
3. Established network with competent authorities,
experts and key actors

Forest – one field of action

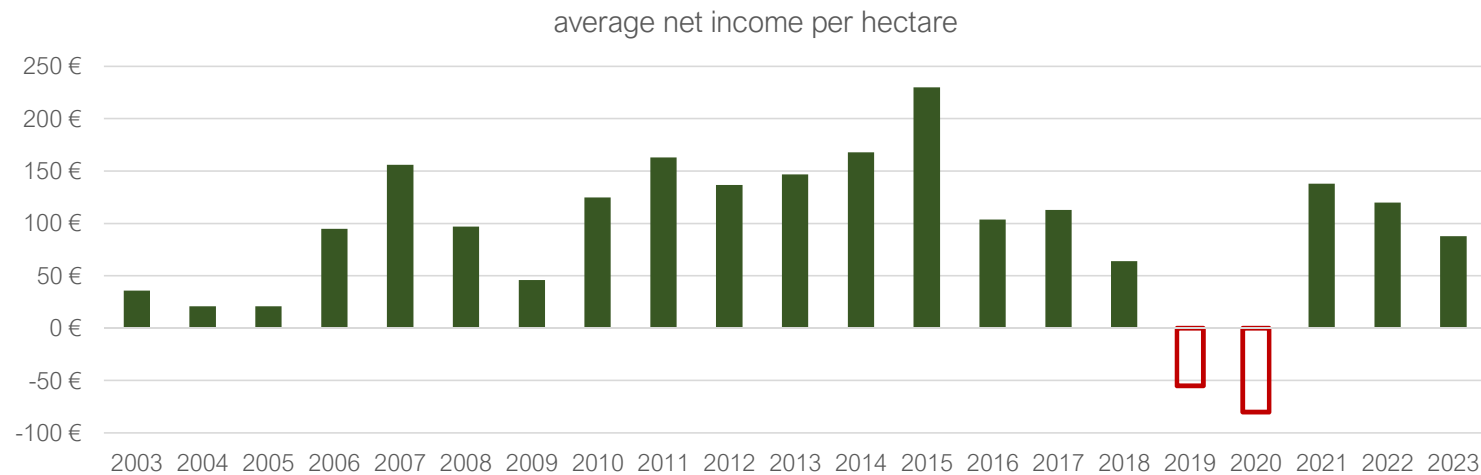


Forest functions



Financial results of timber production

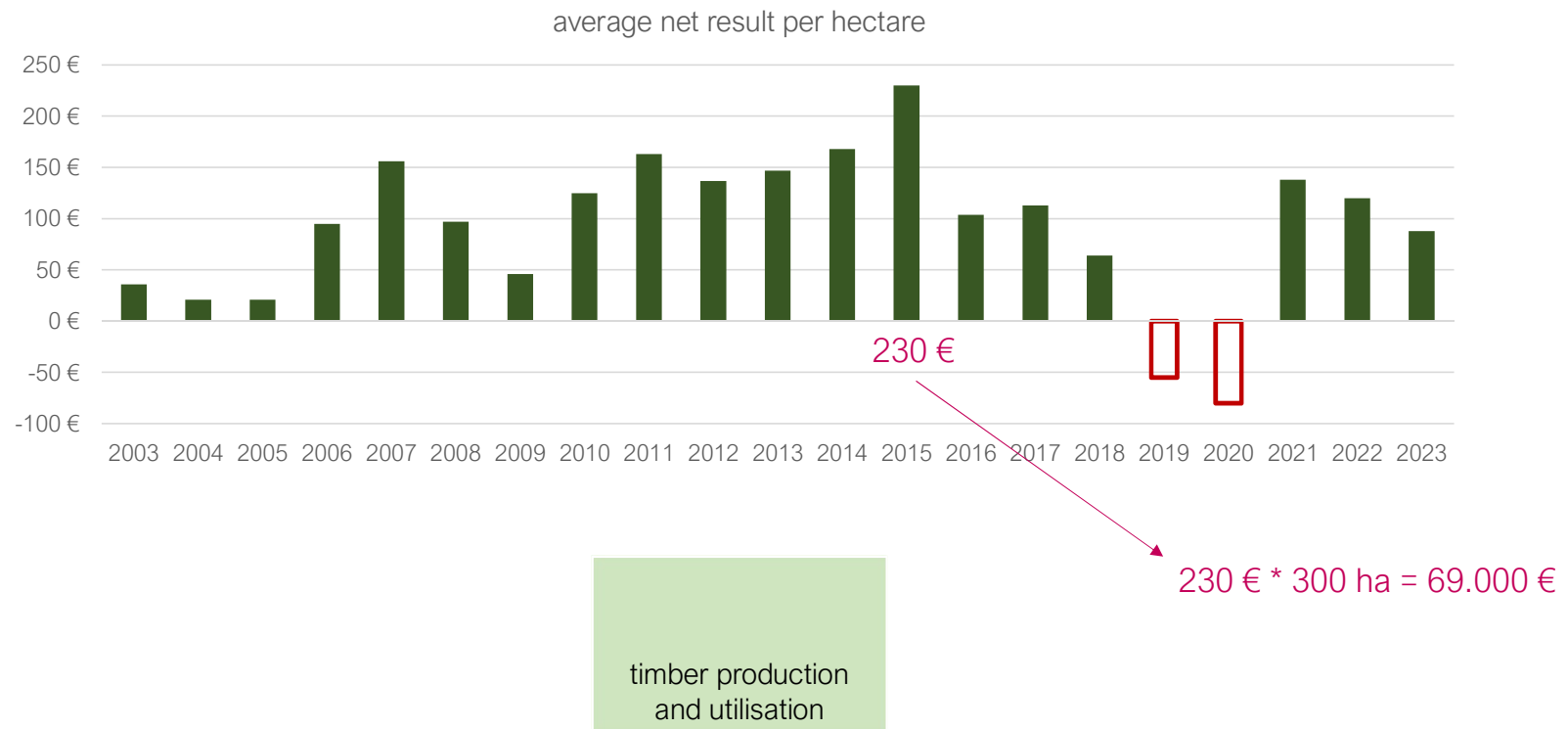
Bavarian test network of municipal forestry departments (at least 22 municipalities; > 200 hectare municipal forests)



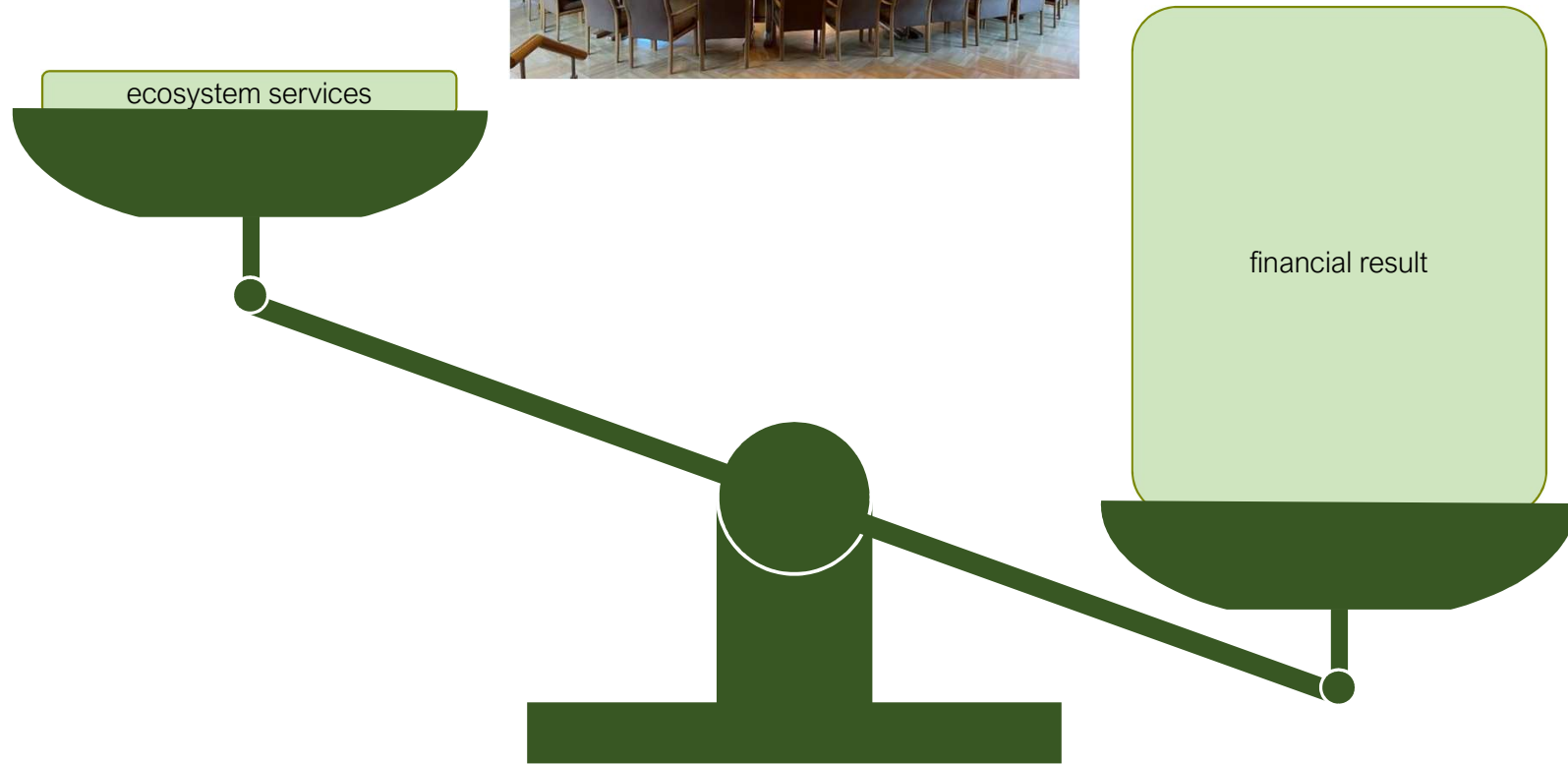
timber production
and utilisation

Financial results of timber production

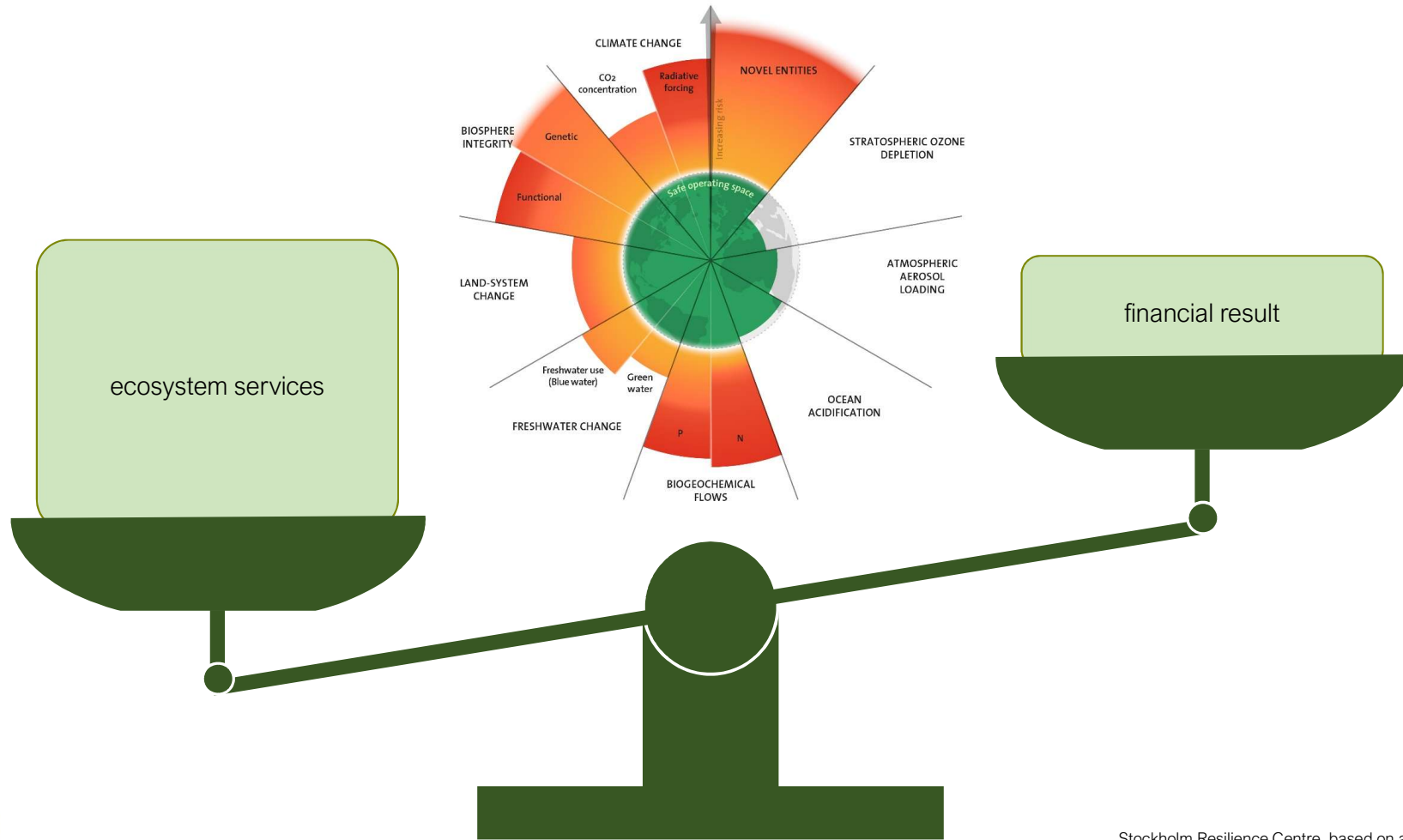
Bavarian test network of municipal forestry departments (at least 22 municipalities; > 200 hectare municipal forests)



Usual consideration in municipal politics



Recommended consideration in municipal politics



Forest structural diversity promotes biodiversity (and ecosystem services)

short-term

- Protection of habitat trees (caves, cracks, nests etc.) and ancient trees
- Creation, restoration, protection and maintenance of biotopes (e.g. rocks, springs, pools)
- Ecological management of forest clearings
- Specific species conservation
- Soil-conserving harvesting



medium-term

- Increasing the proportion of standing and lying deadwood (diameter at breast height [DBH] > 40 cm)
- Stepped, sinuous forest edges
- Forest management plans targetting ecological parameters (as well)
- Areas of natural development



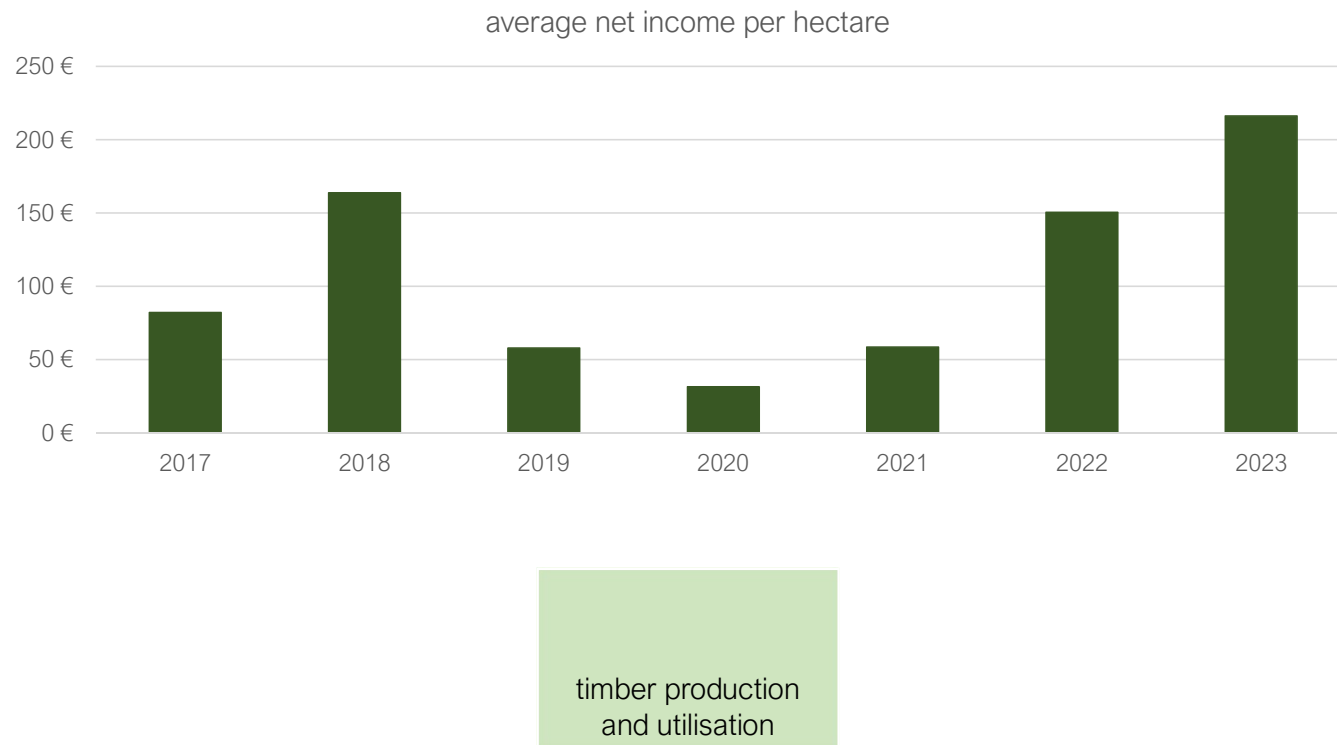
long-term

- Increasing tree species diversity
- Mixed-age forests



Ecosystem services and timber production combined

Lohr a.Main



Forest conversion project in the municipality of Rohr (Central Franconia)

Bavaria's largest forest conversion project

Starting situation

- Dense pine (*Pinus sylvestris*) monocultures
- Intensive game browsing requires fencing to protect forest regeneration plots

Forest conversion project

- Municipal and privately owned forests
- Approx. 1.000 ha project area
- Approx. 300 ha planting area
 - European red beech (*Fagus sylvatica*) on 50 % of the area
 - Natural forest regeneration on the other half of the area
- Adapted but species-rich game population enables regeneration without fencing

Project „KomBi“

Project term

- 01/04/2023 bis 31/03/2028

Projekt area

- Bavaria

Financial matters

- no costs for consulting and support
- no financial assistance via KomBi

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KomBi
