

RESONATE

Resilient forest value chains –enhancing resilience through
natural and socio-economic responses

SIMPOSIO INTERNACIONAL
**AS FRONDOSAS AUTÓCTONAS, A
RESILIENCIA DO SECTOR FORESTAL?**

Lugo, Galicia

*INTERNATIONAL SYMPOSIUM
**NATIVE HARDWOODS, THE RESILIENCE
OF THE FOREST SECTOR?***

Lugo, Galicia

Horizon 2020 RIA,
(April 2021 – March 2025)



This project has received
funding from the European
Union's Horizon 2020
research and innovation
programme under Grant
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Resilient forest value chains – enhancing resilience through
natural and socio-economic responses

Development of a Demand Resilience Ladder

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Social-ecological resilience and demand resilience

- Social-ecological resilience has the forest at its core, but
 - From a human perspective we could see society as the core
 - Further, economics is seldom considered in these frameworks

⇒ Can we increase the resilience of the *forest(ry)* by “using” the surrounding society?

⇒ Can we increase the resilience of *society* by “using” the forest(ry)?

How resilient is the demand for forest ecosystem services?



- What is demand resilience?
- The end of the value-chain are the consumers
 - How, if at all, are they affected by disturbances in the supply of forest goods and services?
- Emphasis on the social aspect of socio-ecological resilience
 - And how we quantify it





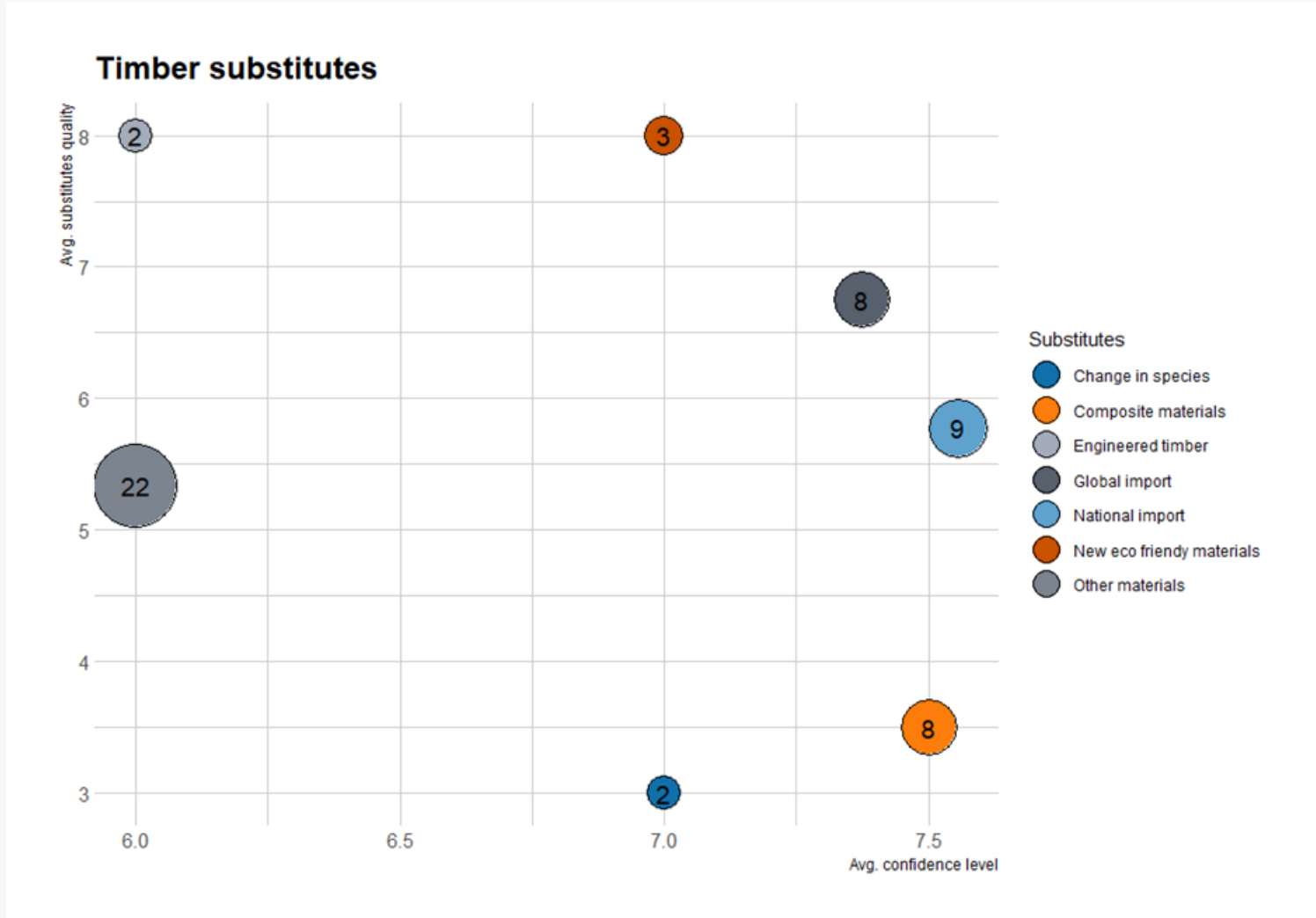
How can we quantify demand resilience?

- Focus on ecosystem services (ES)
 - Focus on the amount of ES provided
 - %GDP
 - %employment
 - Focus on substitutes
 - Number of substitutes
 - Price elasticity of demand/WTP
 - Number and quality of substitutes
 - Ask experts of perceived resilience

Approach used in RESONATE
based on experts in case
studies

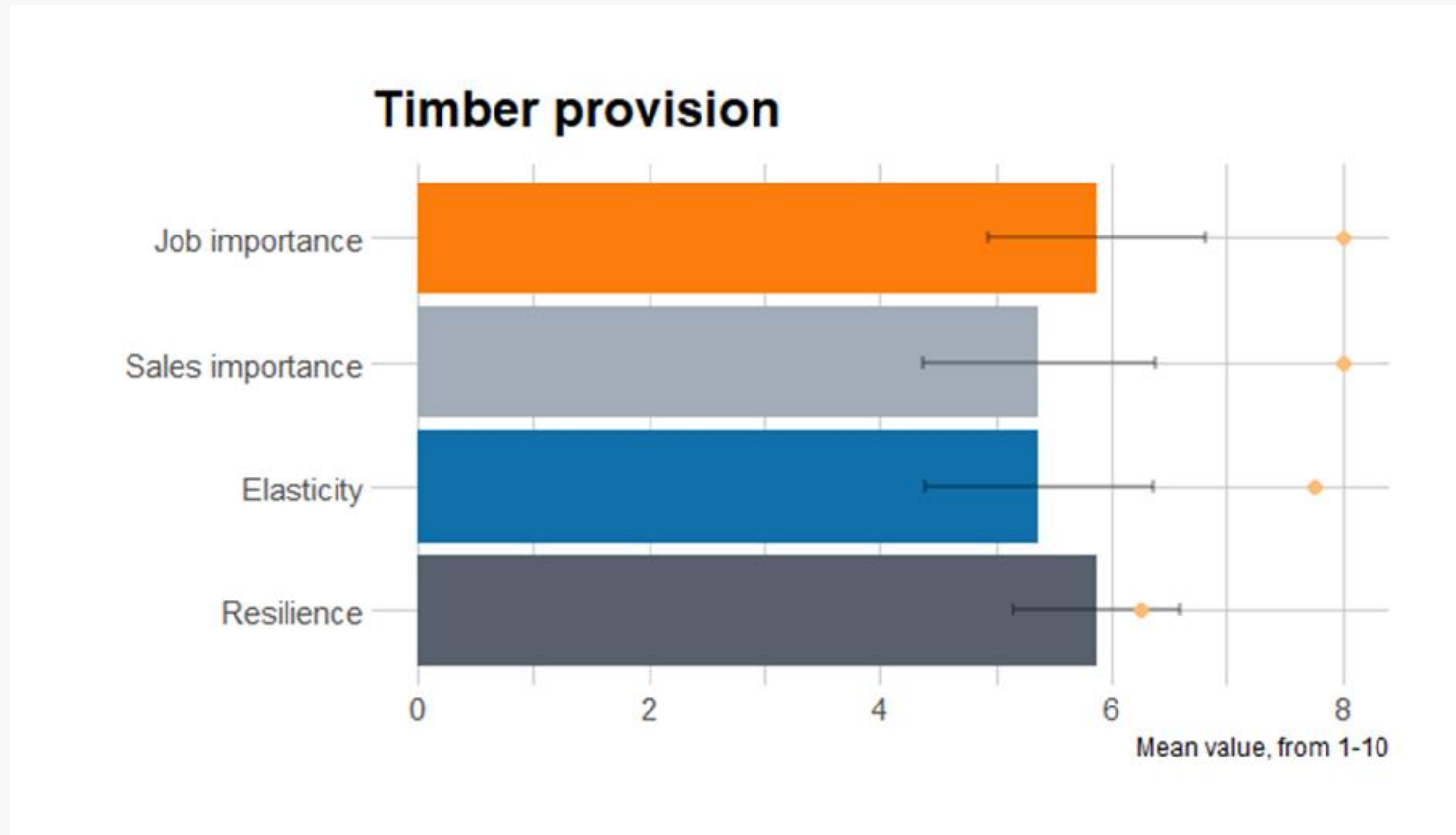


Example of assessment – substitute assessment





Example of assessment – expert judgement



DEMAND RESILIENCE LADDER

