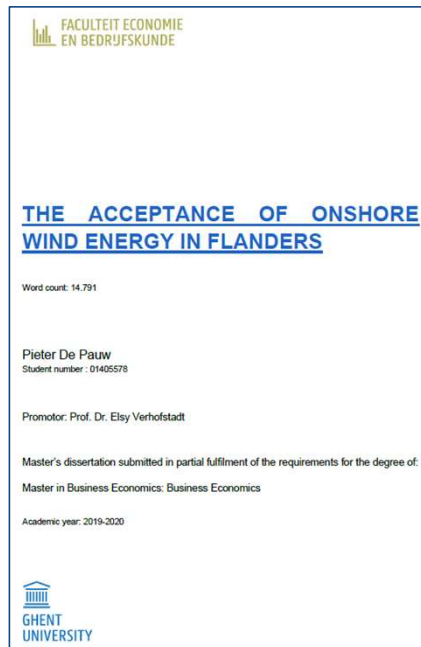




Studie draagvlak windenergie Meetjesland - UGENT 2020

VVSG werkbezoek Eeklo, 11 december 2024

The acceptance of onshore wind energy in Flanders (2020)



- Faculteit Economie prof. E. Verhofstadt
- Thesis in kader van EU onderzoeksproject naar draagvlak diverse Hernieuwbare Energiebronnen
- Vlaanderen Onshore Wind
- **Keuze Meetjesland wegens 20 jaar ervaring met windturbines én concentratiezone OVLEL**
- https://www.rescoopv.be/sites/default/files/UGENT_Thesis_The-Acceptance-of-Onshore-Wind-Energy-in-Flanders_PDP_1.pdf

3 Onderzoeksvragen

methodology questionnaire > Meetjesland regio Eeklo – Maldegem – Kaprijke



GENERAL ATTITUDE TOWARDS
LOCAL WIND PROJECTS ?



IMPACT LINE OF SIGHT
(NIMBY) ?



IMPACT COOPERATIVE
MEMBERSHIP ?

4 groepen

Table 1: Distribution of the sample when the variables 'Line of sight' and 'Cooperative member' are cross-matched (Own table)

	C member	Non-C member	Total
Backyard	58	62	120
Distance	40	67	107
Total	98	129	227

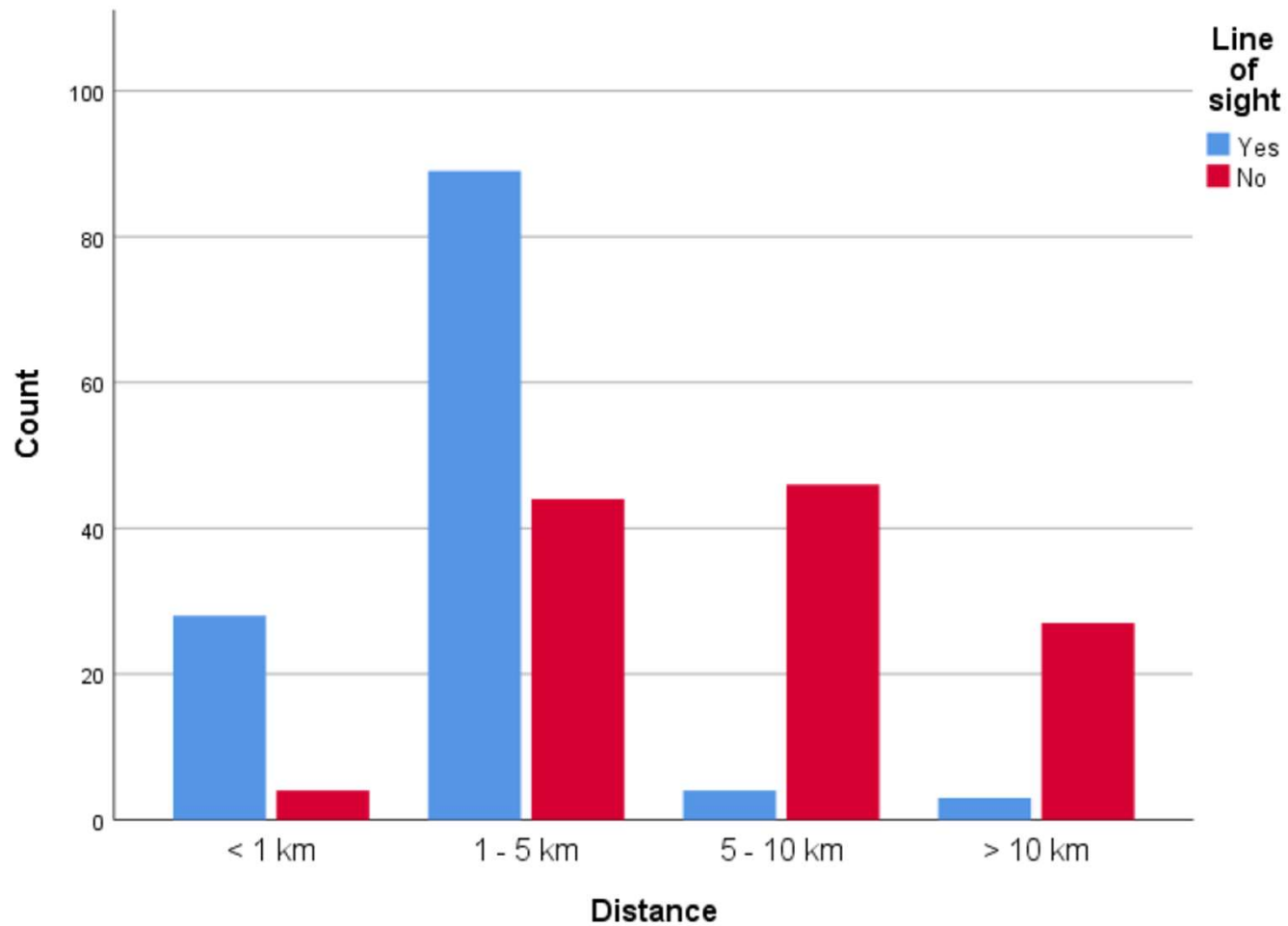


Figure 15: Relation between distance of nearest wind turbine and whether or not that wind turbine is in line of sight of the residence (Own illustration)

The distribution over the different REScoops and FINcoops is displayed in **Figure 14**

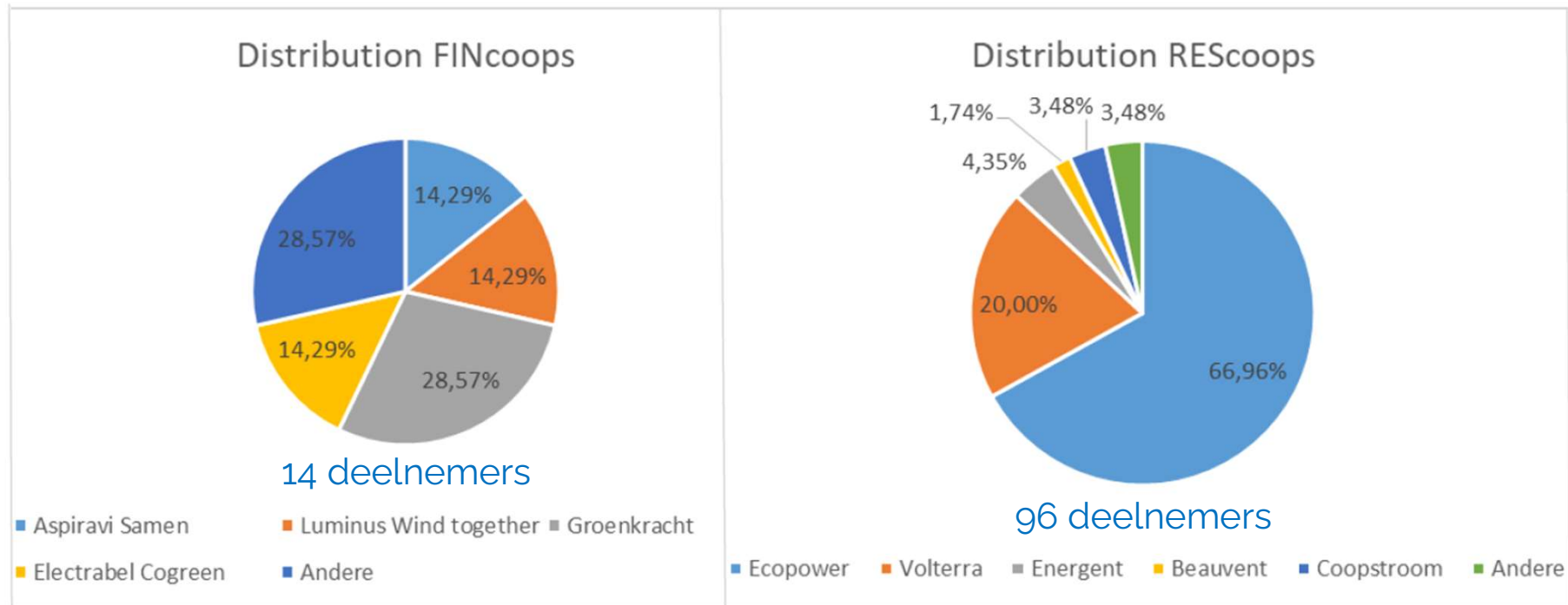


Figure 14: The distribution of REScoops and FINcoops within the sample (Own illustration)

=> 2 FINcoop members + 84 REScoop members + 12 both

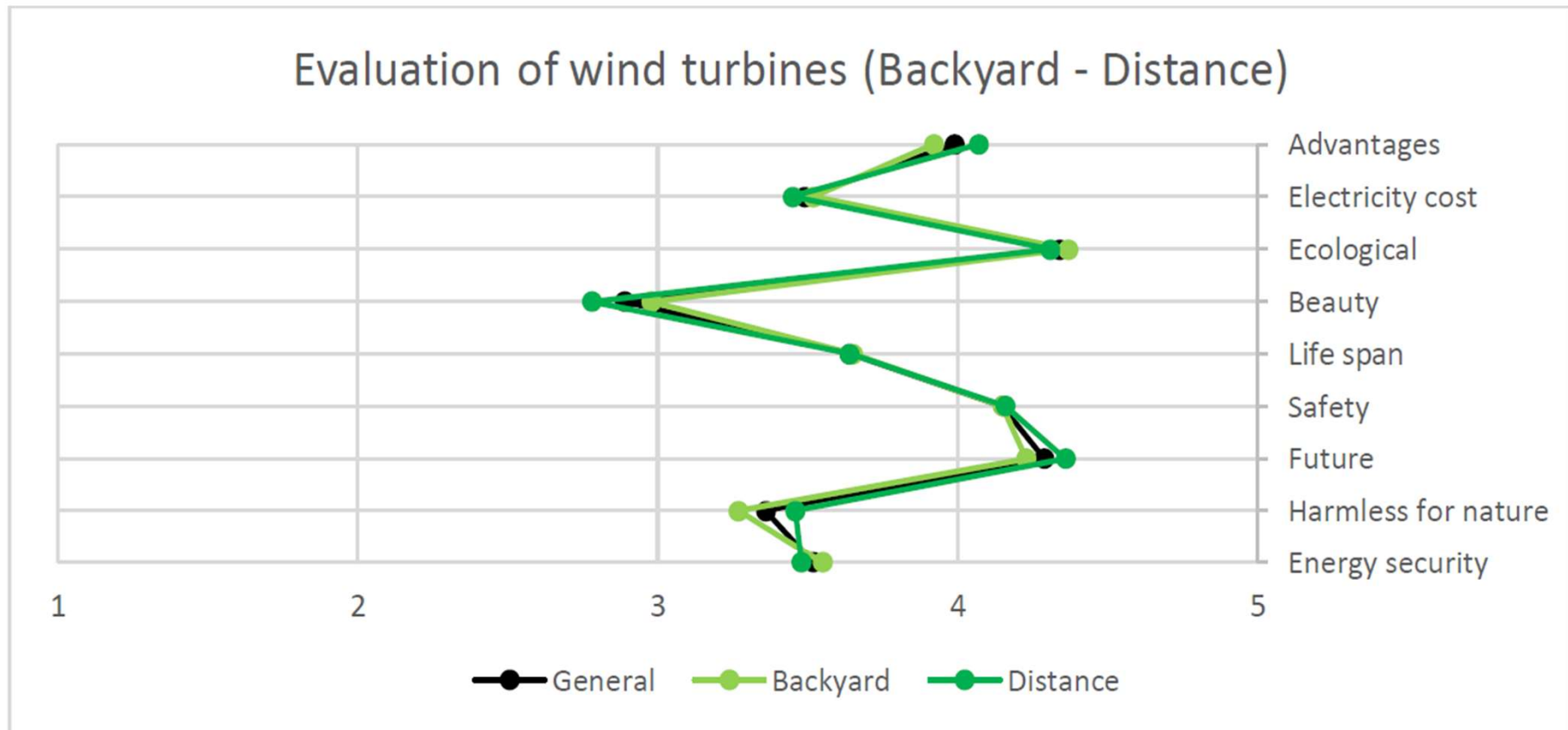


Figure 16: Semantic differential presentation of the variables for the evaluation of wind turbines, comparing the Backyard and Distance group (Own illustration)

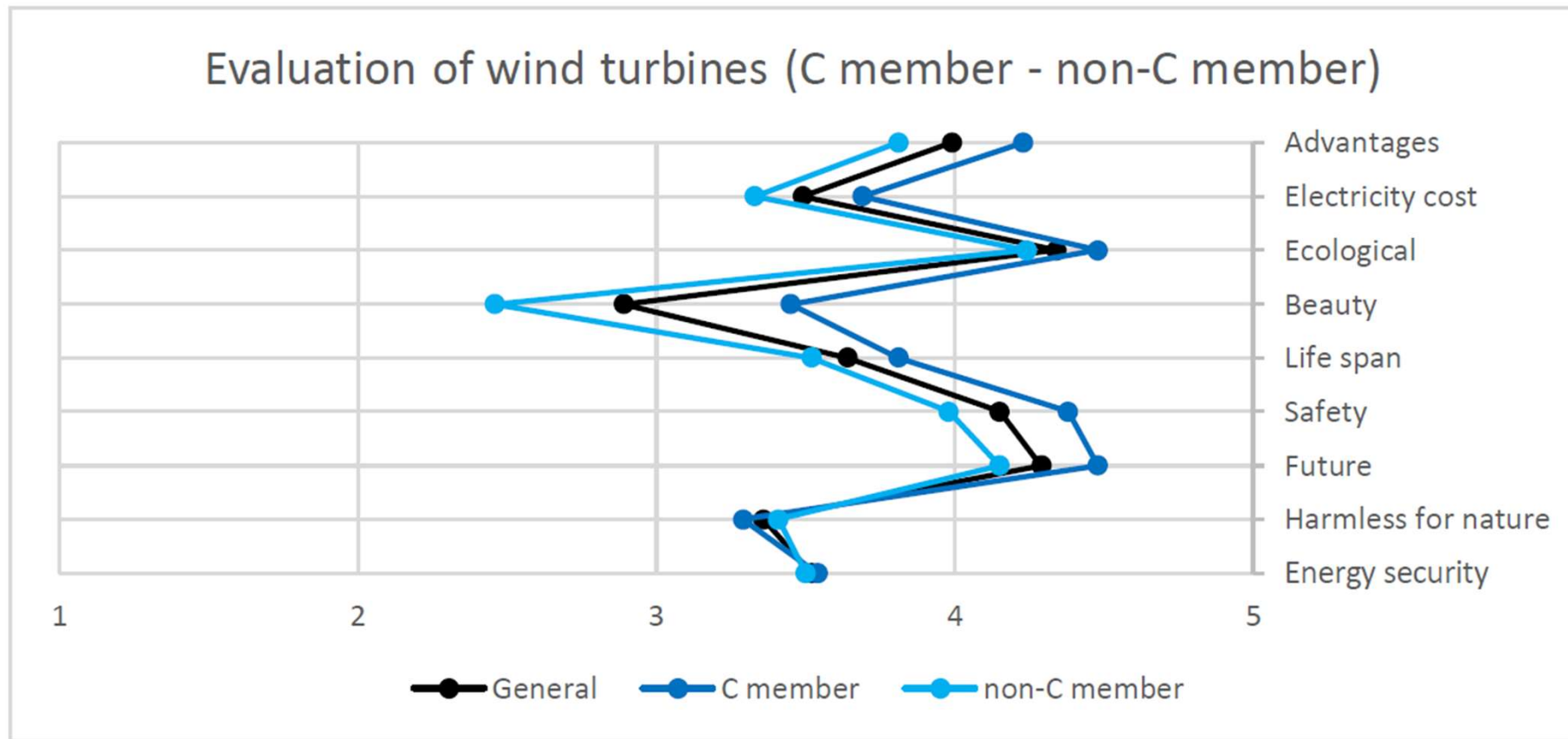


Figure 17: Semantic differential presentation of the variables for the evaluation of wind turbines, comparing the C member and non-C member group (Own illustration)

Conclusions

3 Onderzoeksvragen :

1. **POSITIVE** impact general attitude toward windenergy projects (Eeklo-effect?)
2. **NO** significant difference Backyard / Distance group (Eeklo-effect?)
3. **YES** significant difference Cooperative member / No member (Ecopower-effect?)

Bemerkingen draagvlak :

1. *Ecopower en Volterra als **lokale** burgerenergie-coöperaties (85% membership)*
2. ***Factor 10** minder bezwaren Milieuvergunningen WT REScoops (avg 14/161 @ 20 year)*
3. ***Factor 40** meer exclusieve leden REScoops / Fincoops (6/34 WT, 12% both)*

=> 2020: VL 3000 leden/WT versus 30 leden/WT

=> 2020: REScoops gemiddeld 1000€/lid, mediaan 250€/lid, 2020: Fincoops beide 1000€/lid

Recommendations

Future research should focus on :

1. **Reasons why** the attitude towards wind turbines is different between cooperative members and non-cooperative members
2. **What are barriers** for developers to integrate more participation in their wind projects, as participation leads to a more positive attitude
3. **Impact other variables such as trust** in developers **and public support models** of the municipality, that can change a negative attitude or strengthen a positive attitude toward wind turbines

=> *hoorzitting burgerparticipatie VL parlement commissie energie 24/10/2023*

=> *punten burgerparticipatie KB-tender Princes Elisabethzone offshore wind dec 2024*

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