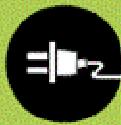
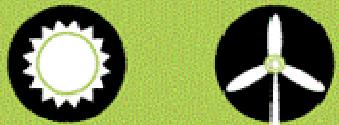




# lokale energie monitor

## 2016



[NAAR INHOUD](#)

Lokale Energie Monitor.

How to organise data collection  
Lessons from the Netherlands

# Lokale Energie Monitor.

## Why

- Past: We needed concreet numbers to see if policy is working
- Present: We need concreet numbers to explain to policy makers what we are talking about
- Future: We need concreet numbers to create reasonable ambitions in the future

# Lokale Energie Monitor.

## What?

Focus on **energy cooperatives (clear definition)**

- production: collective sun
- production: collective wind
- supply
- Other: collective purchase , energy savings

# Lokale Energie Monitor.

## How?



- Questionnaire (half of september)
- **response: 50% of the cooperatives !**
- online research other 50%
- input of regionalpartners (are closer to the cooperatives)
- input monitoringexperts (National Statistics)
- **November 2017: Lokale Energie Monitor 2017**
- Download: [www.hieropgewekt.nl/lokale-energie-monitor](http://www.hieropgewekt.nl/lokale-energie-monitor)

# An energycooperative is...

- collective/ -initiative
- juridische rechtsform
- citizens (with sometimes companies,municipial but not majority)
- focus on energy

Other citizenscollectives .... Not included

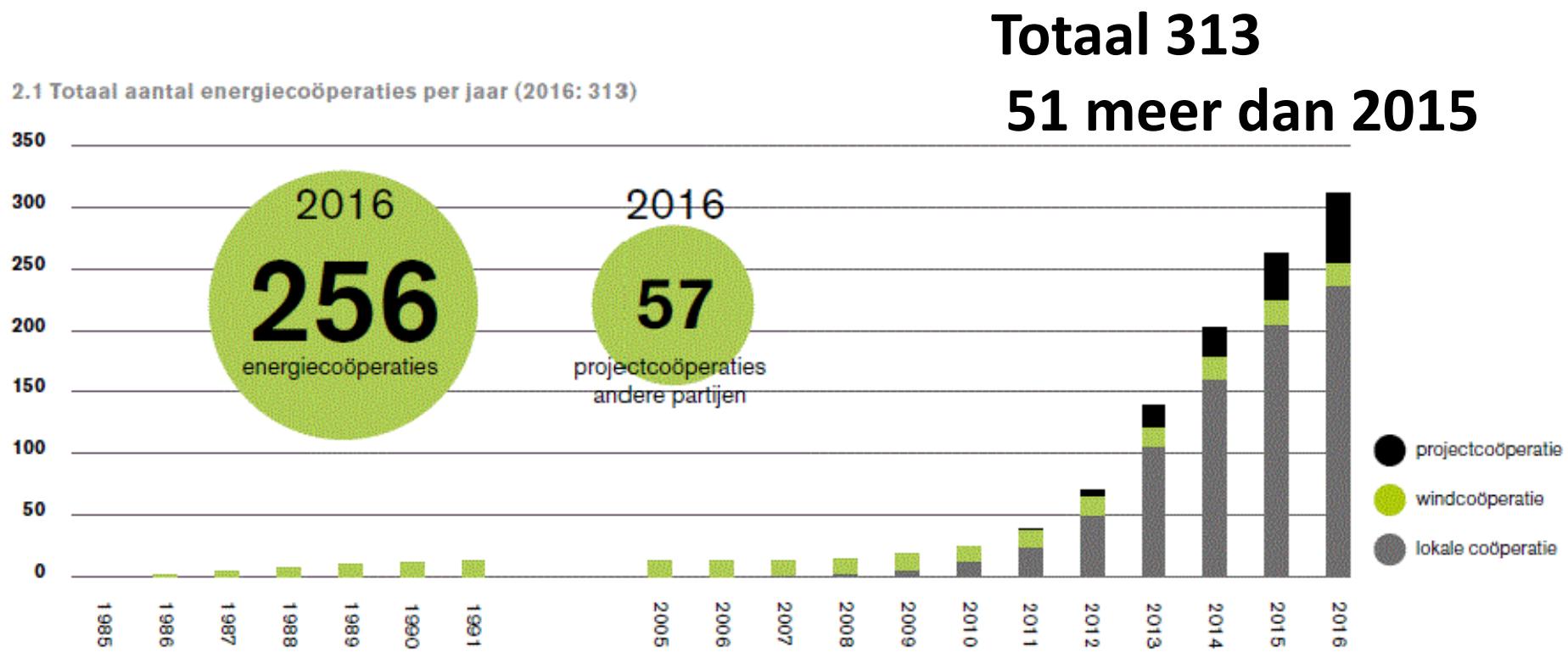
- neigboorhoeds-, wijk-, villageinitiative and housing associations.

# **DEEL 1: ENERGIECOOPERATIVES**

# 2016

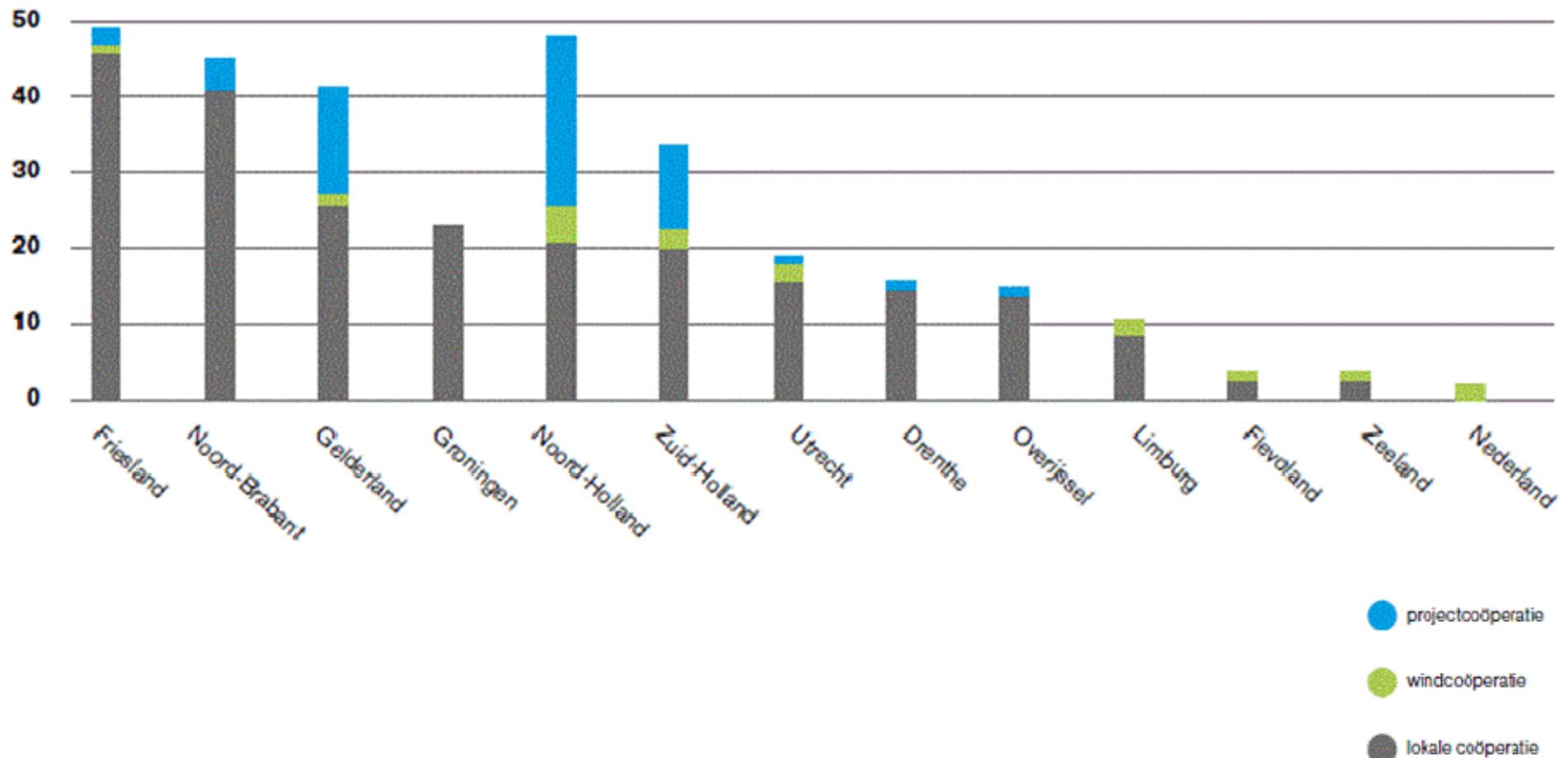


# Results: Number is growing



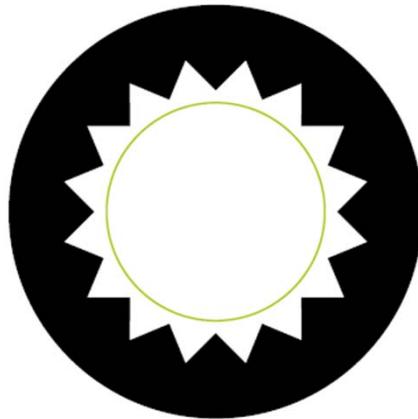
# Differences between provinces: we can see what regional policies work.

2.6 Aantal energiecoöperaties per provincie



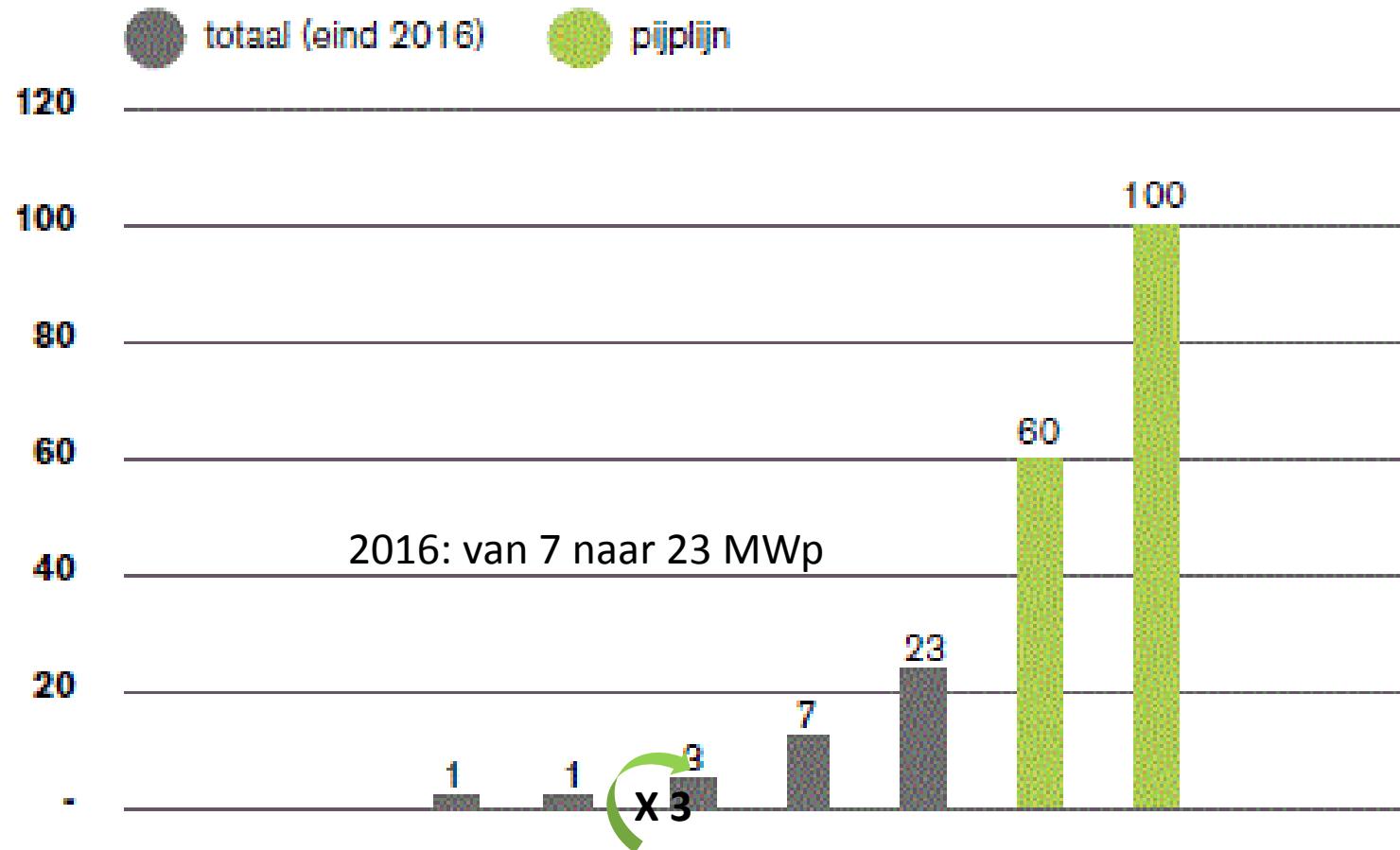
# 50.000 members (all cooperatives)



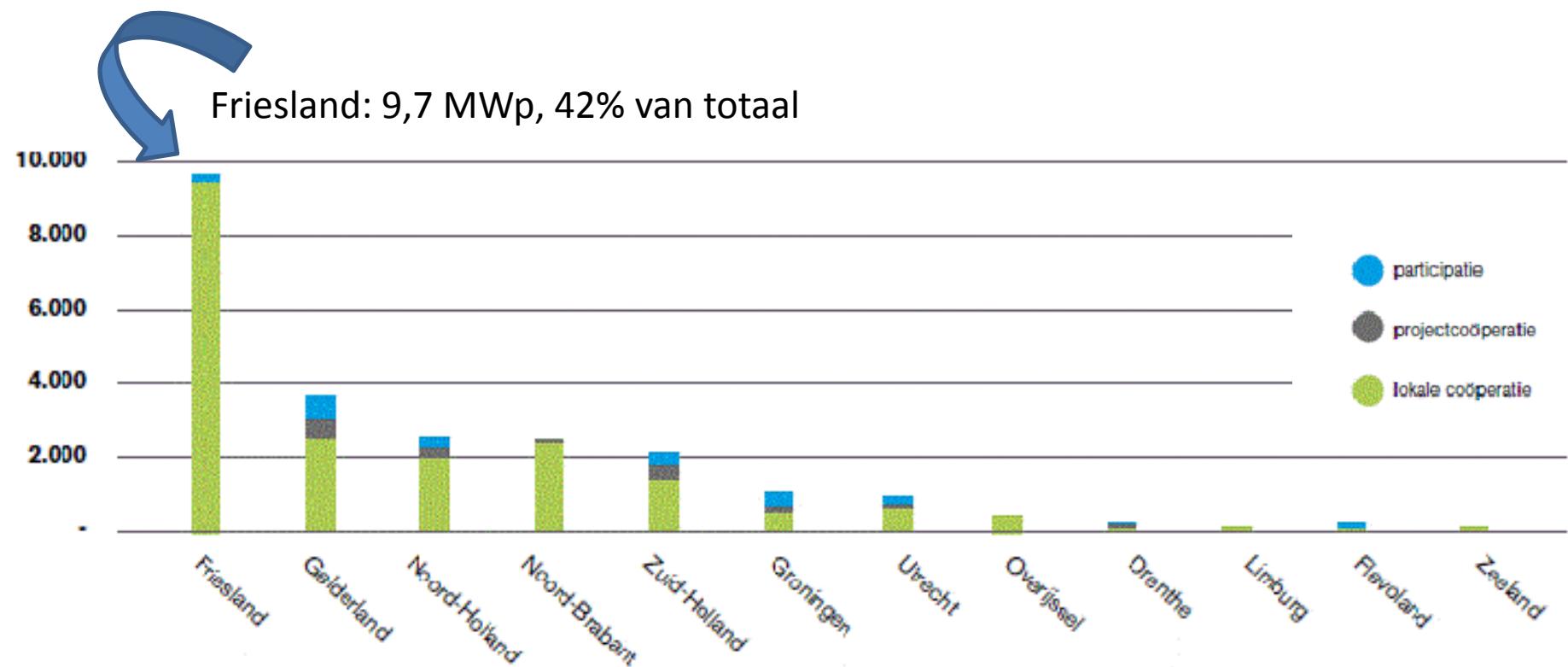


## DEEL 2: COLLECTIEVE ZON

# 2016: Tripled 23 MWp



# Provincies: Fryslan aan kop



# Citizens capital: money, time, expertise



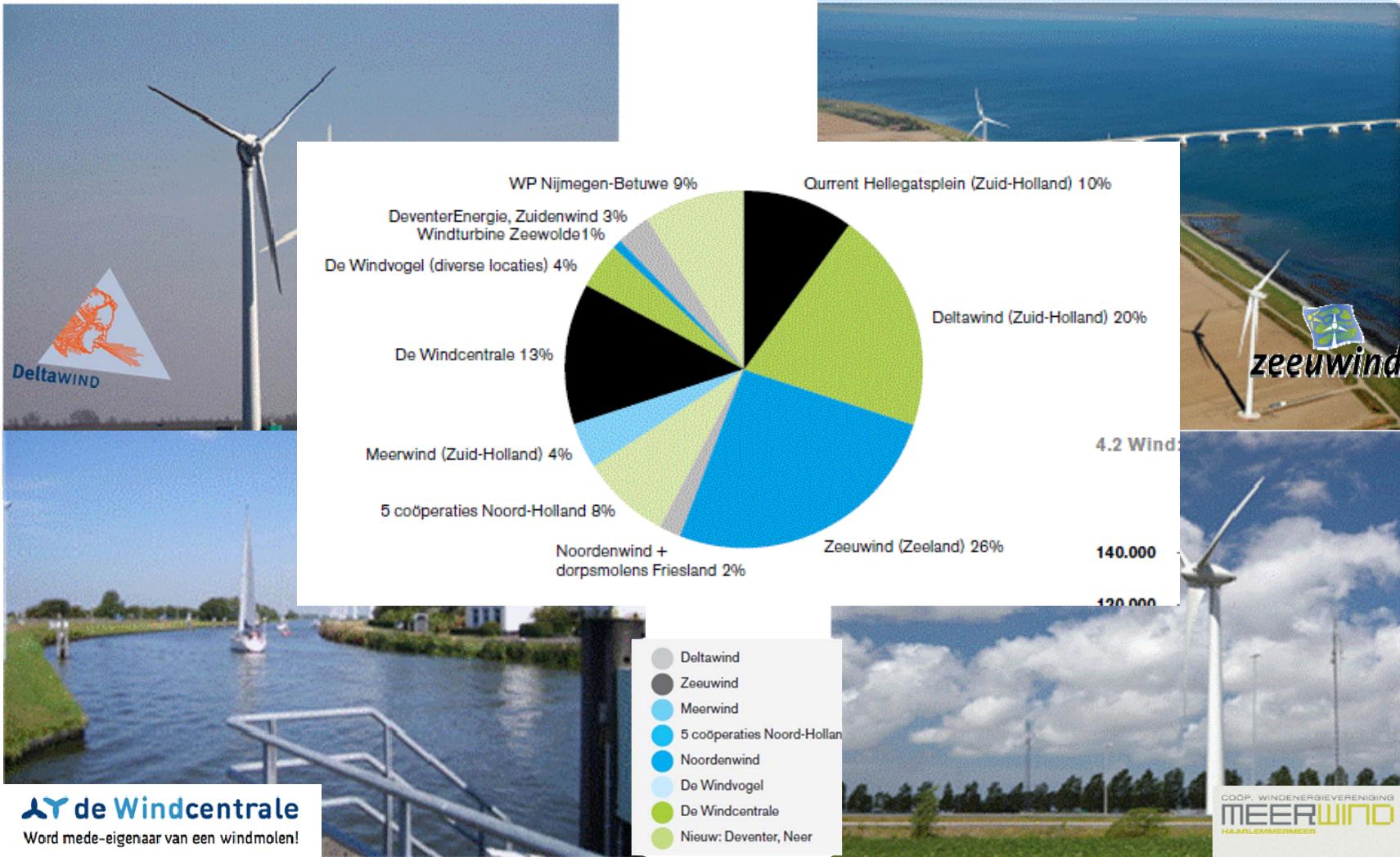
- Investement in collective sun: 30-35 miljon euro (23 MWp)
- Of which part financed by citizens (10-100% van totaal)
- Ca 7000 citizens investors
- Social capital: average 500 hour per project (25.000 euro).



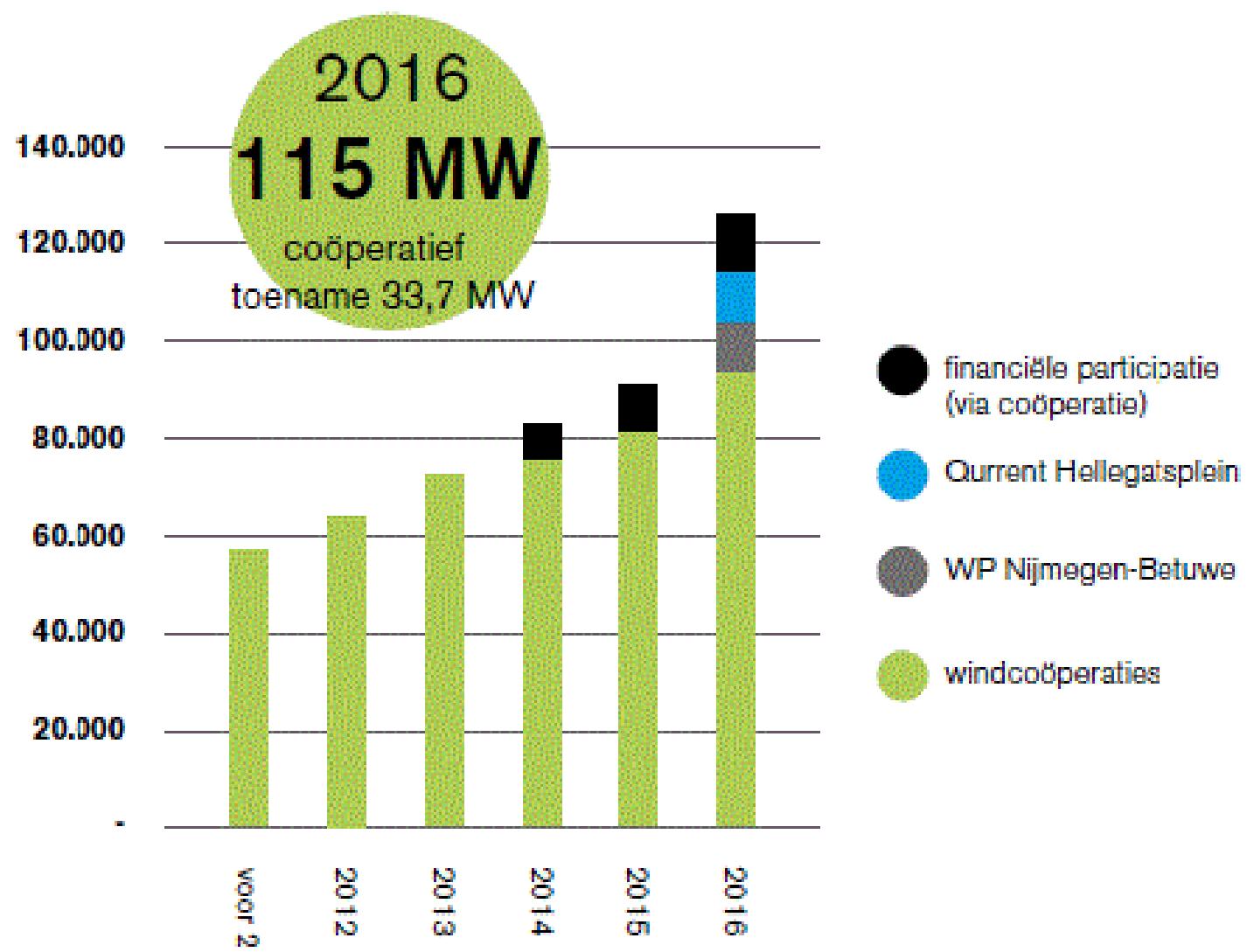
## DEEL 3: COLLECTIVE WIND

# 2015 115 MW in cooperative ownership

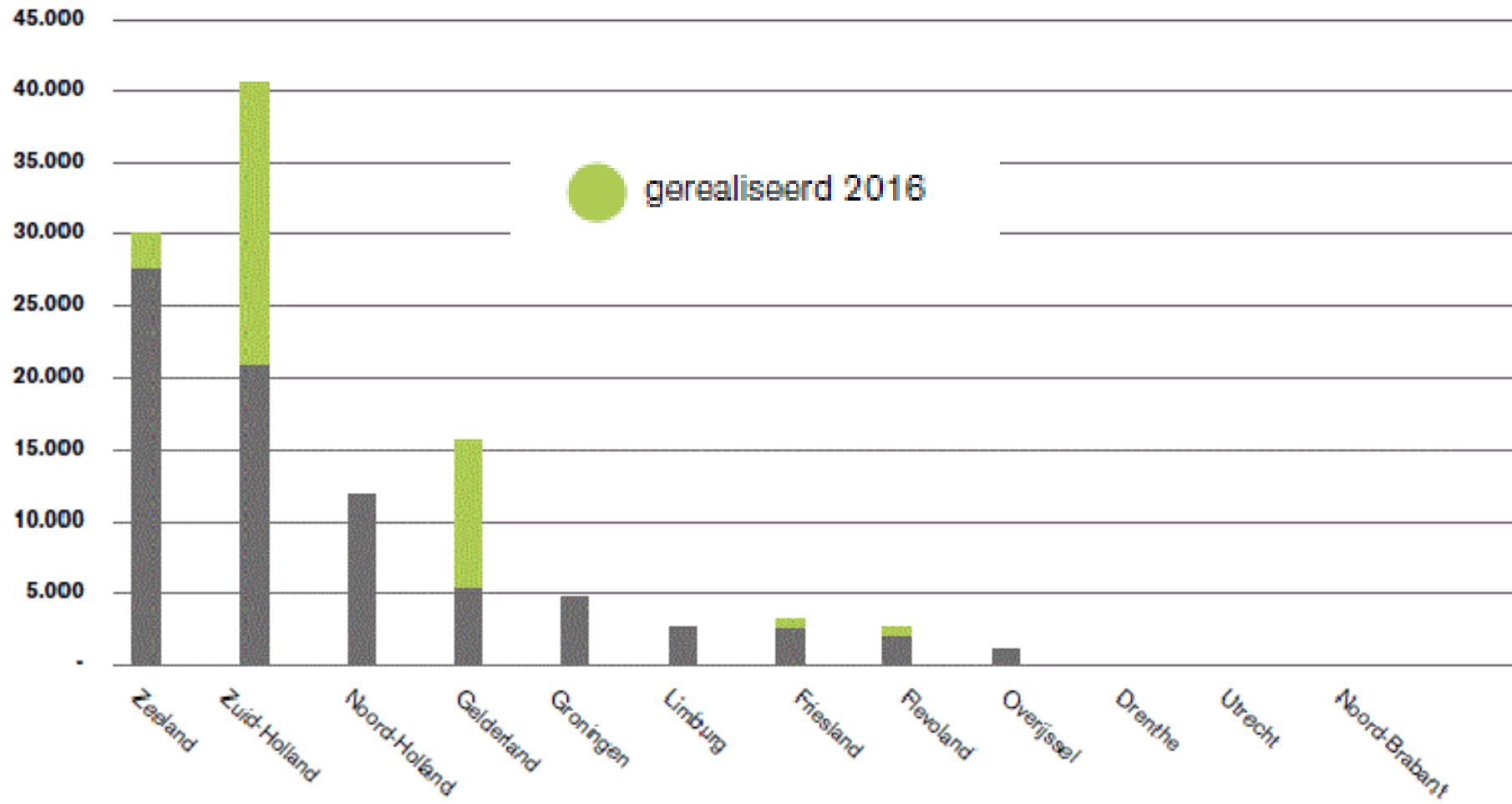
## 3% of total wind on land



# 2016 40% increase cooperative



# Provincies: Zuid-Holland en Zeeland ahead



# In the pipeline 2017-2018: > 87 MW

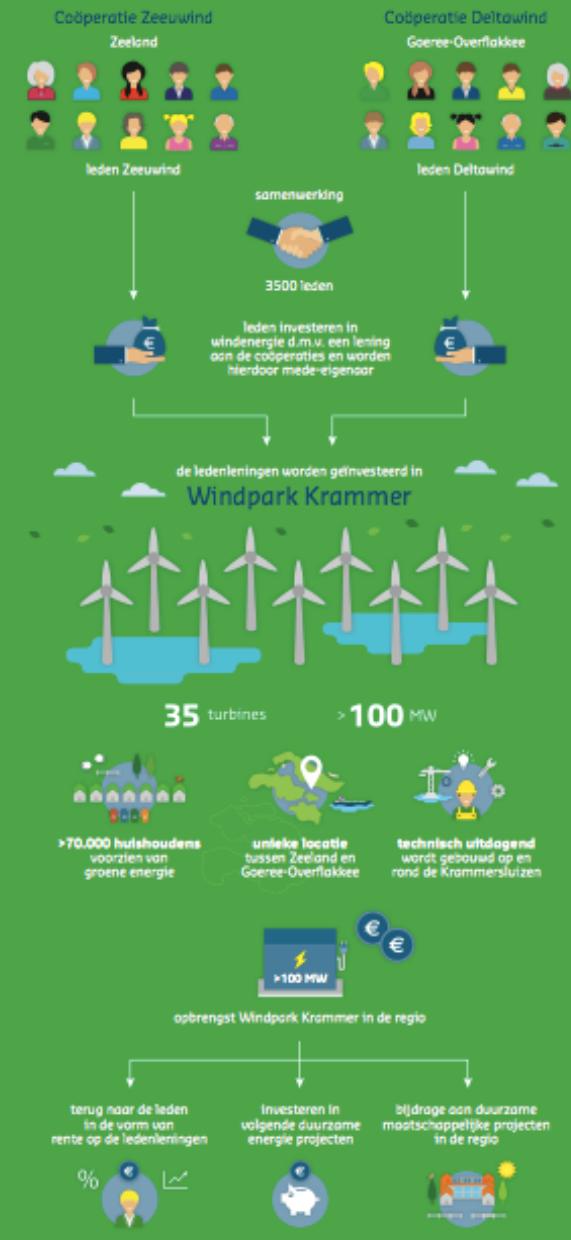


**zeeuwind**

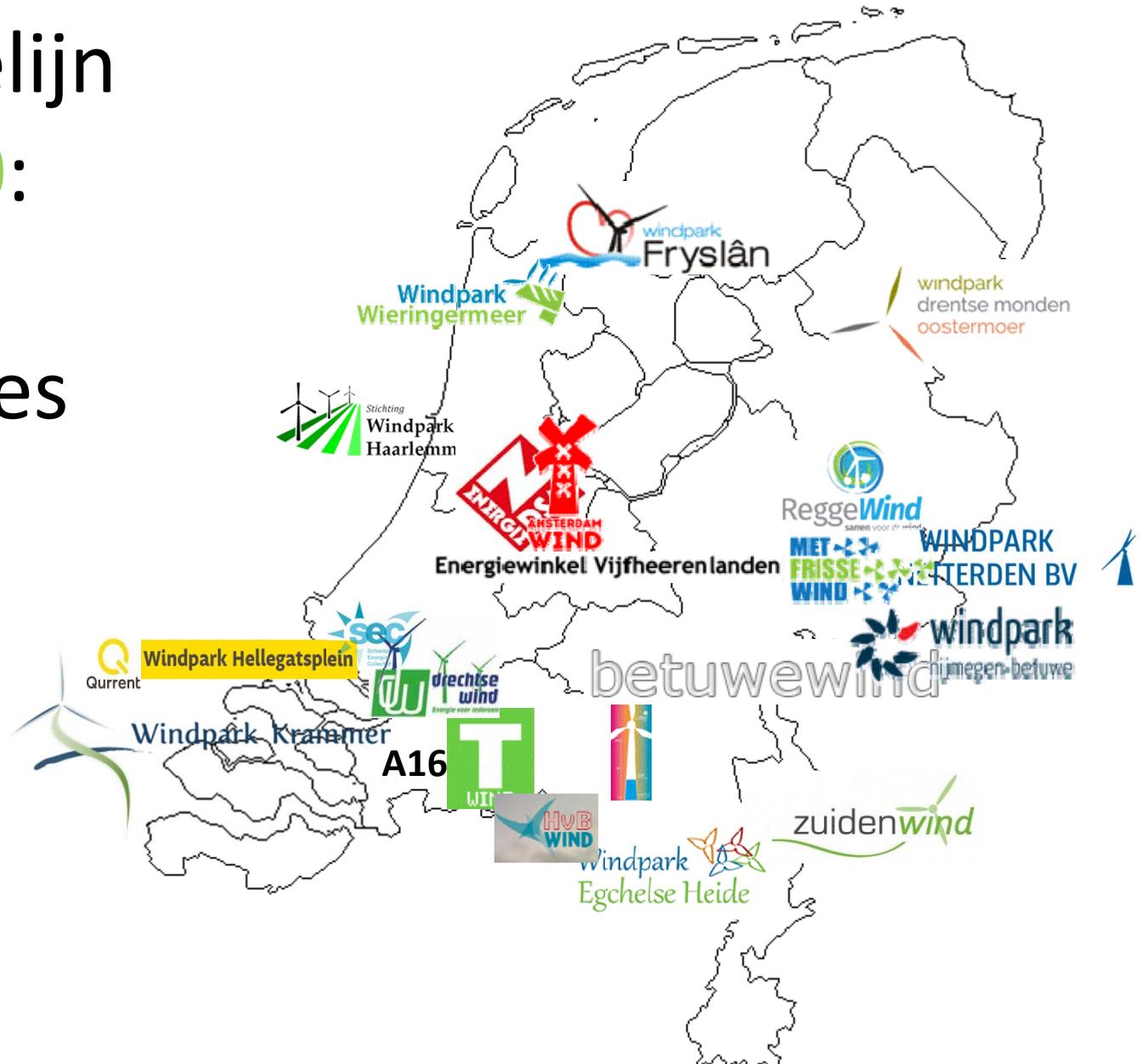
**Deltawind**

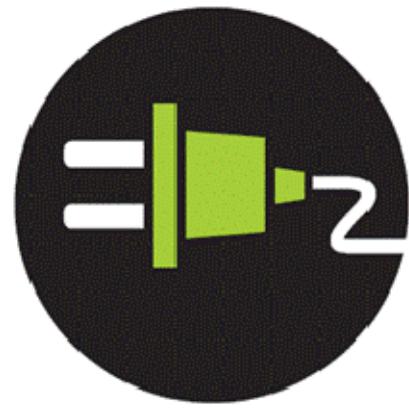
Windpark Krammer, van en voor de regio.

Windpark Krammer  
Het grootste burgerinitiatief  
van Nederland.



In the pipeline  
2016-2020:  
> 100 MW  
> 20 locations

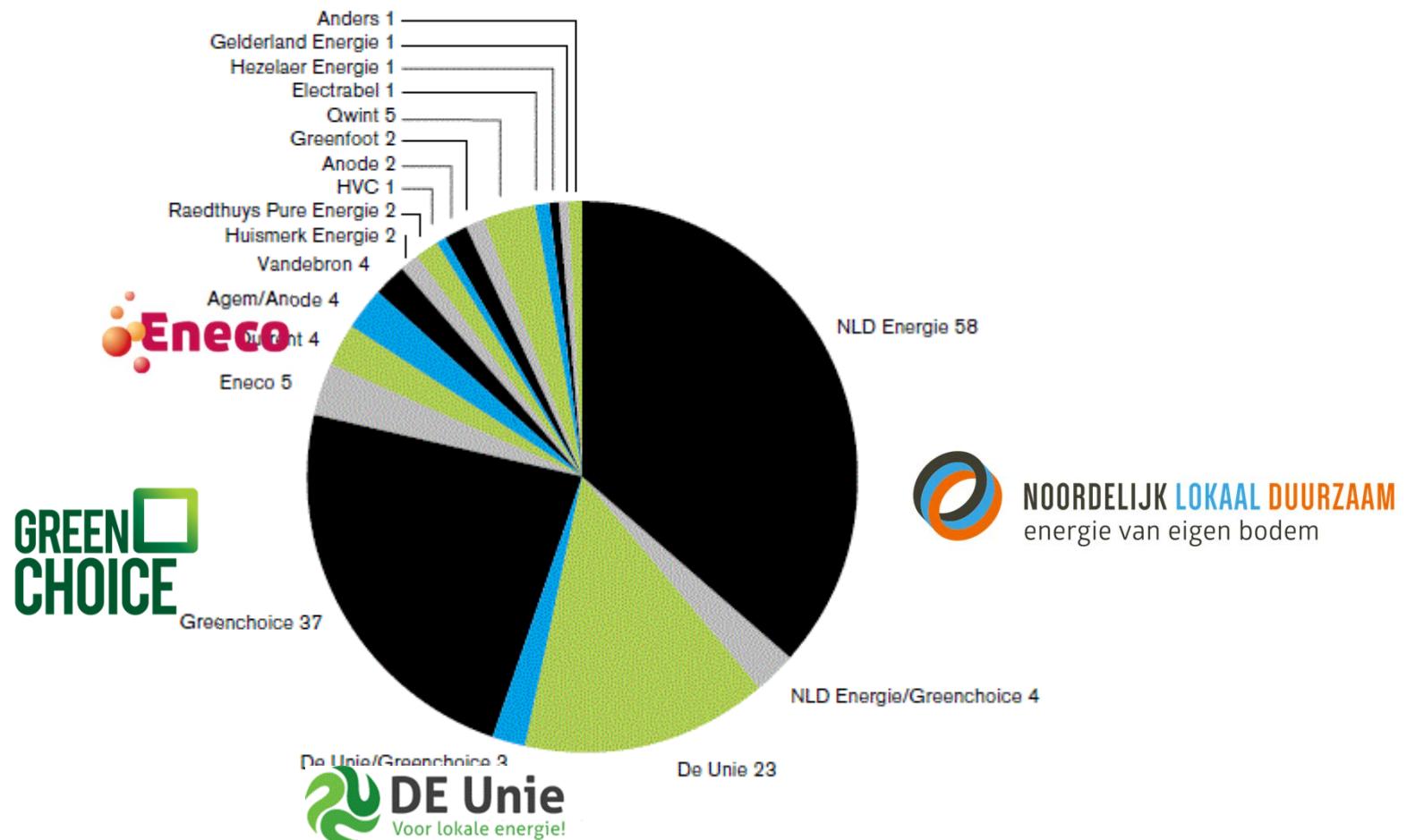




DEEL 4: **SUPPLY**

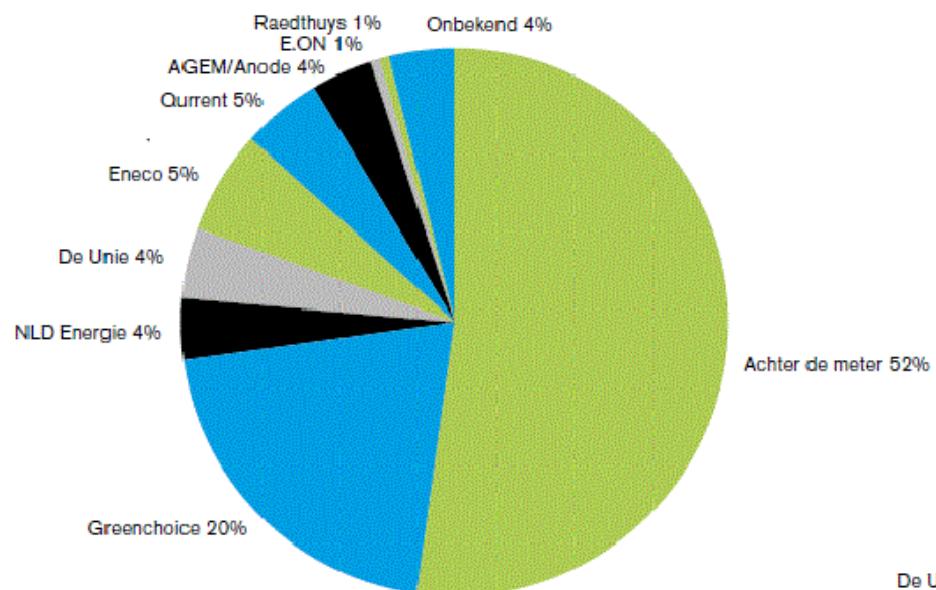
# Coöperaties en ‘eigen’ energieleveranciers

6.1 Collectieve inkoop van energie: aantal coöperaties per leverancier

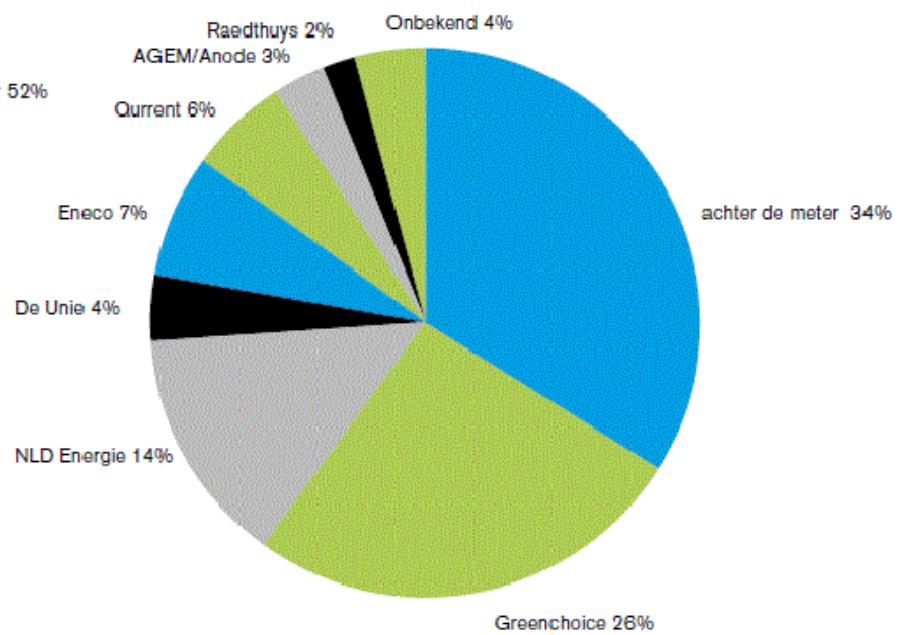


# Value of lokale energy increases (via PPA en/ of GVO)

6.2 Verkoop zonnestroom aan leveranciers (vergelijking naar aantal projecten/contracten)



6.3 Verkoop zonnestroom aan leveranciers (vergelijking in kWp, exclusief Garyp)



# Lokale Energie Monitor.

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