



Solarise 10/02/2020 :

Solar technology uptake through a co-operative structure

1. BeauVent ?

BeauVent ?

RESCoop

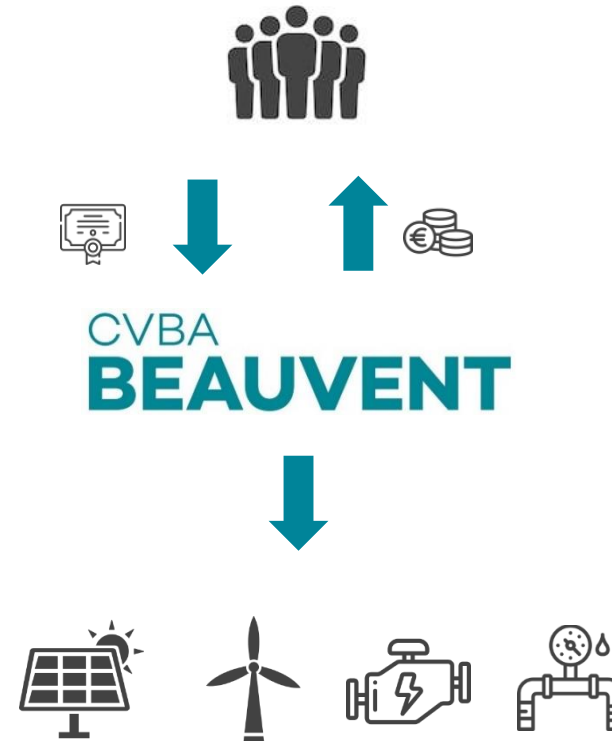
Invest in Renewable energy production, Energy savings and Energy efficiency.

Why?

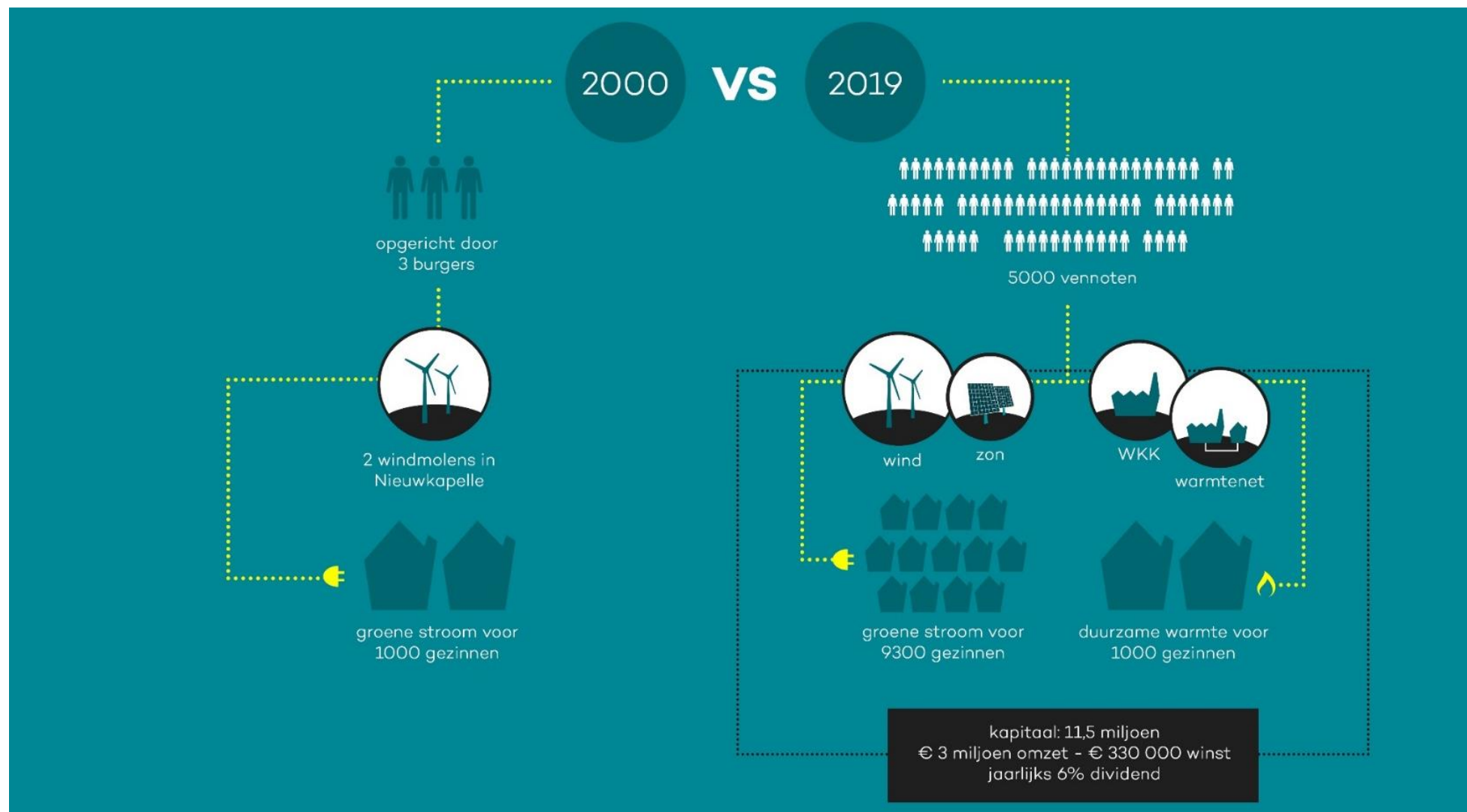
Energy transition, next generations
Everyone must benefit
Create a support base for energy transition and projects

How ?

Civil capital



BeauVent

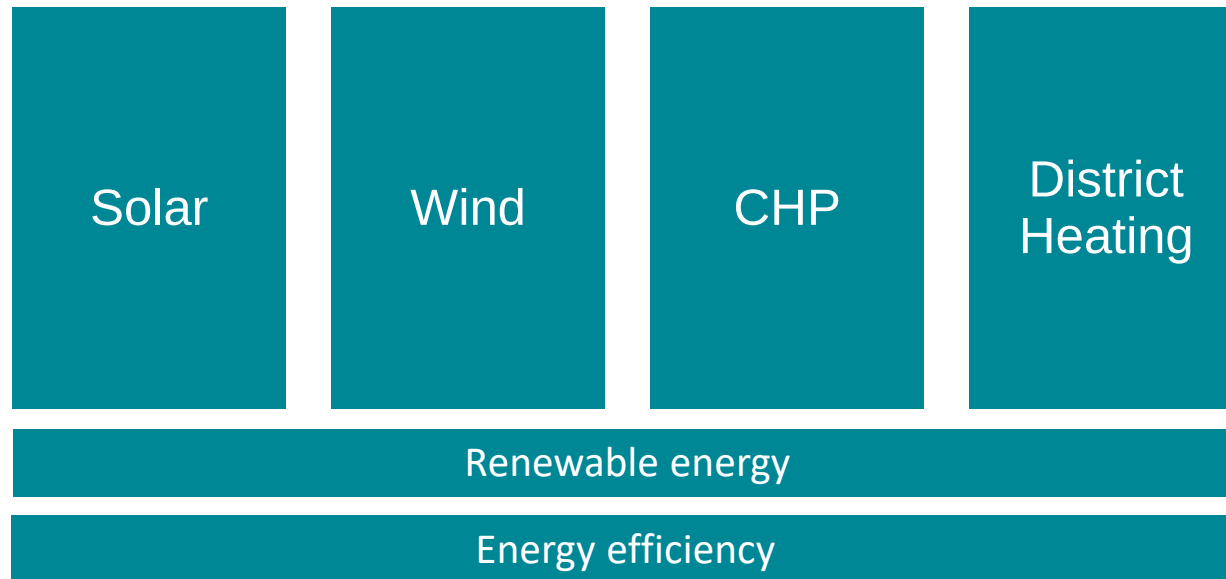


BeauVent

- RESCoop
- >5000 shareholders,
- 1 share = 250 euro
- Open to all
- Capital call for new projects
- Max. 6% dividend



BeauVent – activities



BeauVent



Solar
2018 : 3,5 MWp
2019: 10 MWp

= 4.000 households

X 2,5



WIND
2019: 2,3 MW
2020: 6,9 MW

= 4.000 households

X 3



CHP
2019: 2,15 MW
2020: 7,05 MW

= E : 15.500 households
= H: 3200 households

X 3



Warmtenet Oostende
2019: 5 km – 5.500 MWh
2020: 6 km – 10.000 MWh

= ~750 households

X 2

2. Solar energy : A Co-operative approach

In the beginning ...



2006 - 2012

Sunny rooftops
Households

Small schools

Over >100 installations
< 10 kWp

Over 600 kWp in total



Scale up ...

2008 - 2012

First installations on public buildings ...

Small schools → Larger schools

> 10 kWp till 250 kWp



Scale up some more ...

2008 - 2012

First installations on private companies

> 10 kWp till 1.000 kWp

In total > 3 MWp installed by 2012 and still running



2013



- Green certificates vanished ... or dropped drastically.
- Crisis in the sector
- BeauVent Bought some existing solar installations

Public tenders

- 2016 and ongoing ...
 - Communities or central purchasing bodies
- Award conditions
 - References
 - Price solar energy
 - Quantity solar energy (kWp)
 - Quality solar energy (kWh/kWp)
 - Effort commitment (inform the public)
 - % of capital by own community
 - ICA- Principles
- Kuurne
 - > 15 installations
 - ~ 500 kWp
 - 250.000 euro capital in 1 day by citizens of Kuurne



Kortrijk

- 2019
- > 750 kWp
- 10 installations
- 250.000 euro in 4h
by citizens of Kortrijk



Zonkracht - Leiedal

- Collaboration RESCoops :
Vlaskracht - BeauVent
- 2019 – 2020
(Solar in 6 communities)
- > 1.100 kWp
- > 20 installations
- Capital still to be raised



Klimaatscholen2050.be

KLIMAAT SCHOLEN 2050

- 2018 - 2021
- > 500 kWp

CVBA
BEAUVENT



RESCOOPS EN KATHOLIEK ONDERWIJS VLAANDEREN PRESENTEREN
KLIMAATSCHOLEN 2050

VEB

- Vlaams Energie Bedrijf
(= Central Purchasing body for Flanders)
- <https://www.veb.be/energie-opwekken/stroomafnameovereenkomst>
- Solar prices depend on size of the installation
- No need to put in a public tender
- Solar panels with citizen participation



**Also private companies take
their responsibility ...**

2019 :

1,3 MWp
Barry Callebaut
(Halle, Wieze)





2019 :

4 MWp Vanmarcke - BeauVent



The future



... shines !



2,5 MWp drijvende zonnepanelen (Dilsen-Stokkem, 2020)