

Zonnepanelen

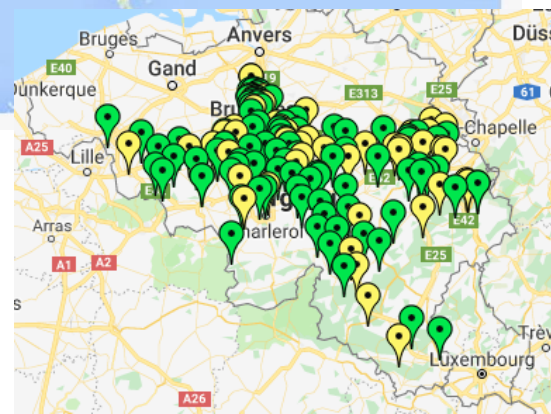
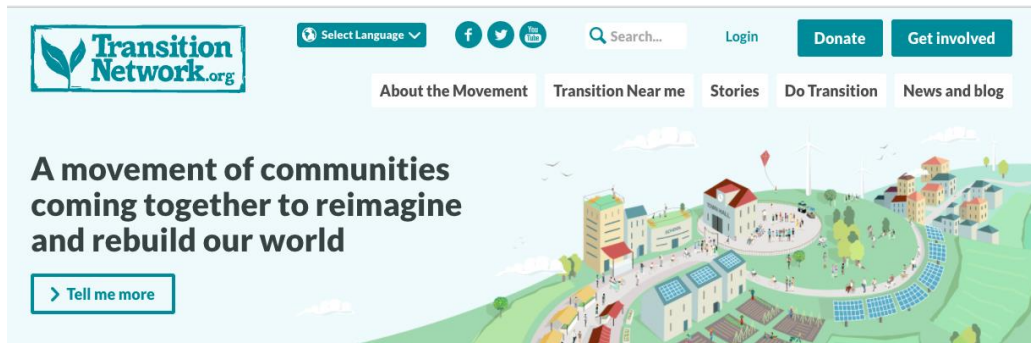
*op de daken van Institut Sainte-Anne
1040 Etterbeek*

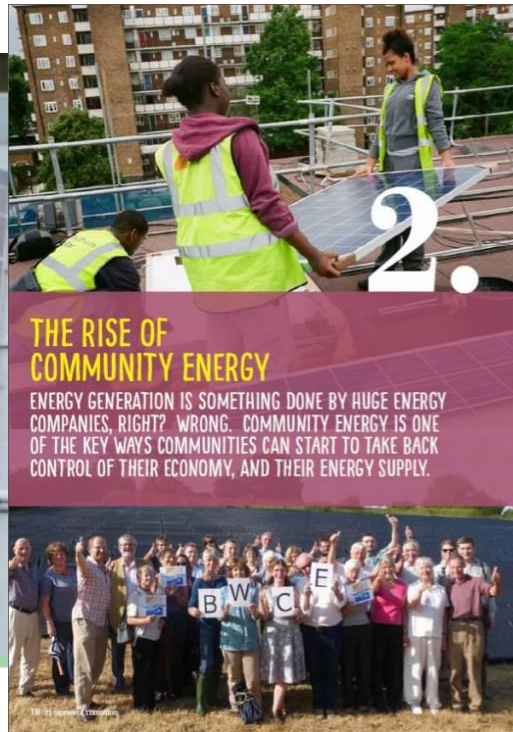






Context





THE RISE OF COMMUNITY ENERGY

ENERGY GENERATION IS SOMETHING DONE BY HUGE ENERGY COMPANIES, RIGHT? WRONG. COMMUNITY ENERGY IS ONE OF THE KEY WAYS COMMUNITIES CAN START TO TAKE BACK CONTROL OF THEIR ECONOMY, AND THEIR ENERGY SUPPLY.

Community Energy Groups: Over 5,000 in the UK, many more elsewhere.
Amount raised from community share offers plus commercial finance: £13,155,104.88
Amount of electricity generated: 17,800 GWh, enough for 4,000 homes
Amount of CO₂ saved: 9,202 tonnes of CO₂

Context

Around the world, the idea that communities install, own, and enjoy some of the benefits of renewable energy is growing fast. In Germany over 50% of renewable energy being installed is in community ownership. In the UK alone, over 5,000 community groups have set up community energy schemes since 2008. Many of these have been Transition groups, and the schemes they have come up with have varied widely in terms of size.

Community energy around the world
In Japan, the Fujino Electric Company has inspired another 40 communities to start their own energy companies, and in Belgium, many Transition groups are involved with community energy to varying degrees. For example while Champs de l'énergie originated mostly from Gelbresse en Transition, Ferréole pre-dates Liège en Transition, but now has many connections to the group. Our next story includes a community energy co-operative in Luxembourg.

Why it matters

This surge in community energy projects is a powerful story. It offers the potential for greater democratic control, for shared benefits and for greater active participation of

the community which can, in turn, lead to infrastructure and cultural change. Decarbonising our energy system requires decentralised renewables, which leads us to far greater opportunities for community investment and involvement. And it brings people together, and creates opportunities for conversation, for parties, for relationships. And it's change people can see happening around them, which means the changes we need to make don't seem so far off and impossible.

Some UK examples:

Basosco, Hertspringpoint, Keynes, Ditchling Transition

- started HED Energy. They have:
- installed 307 solar panels on Downloads School Sports Centre
- generated 80,000 kWh of electricity per year, saving 42 tonnes of carbon per year
- raised £100,500 in shares from local people, with 83% of the investors living within a 4 mile radius of the school.

Bath and West Community

- Energy, which emerged from Transition Bath and Transition Corsham:
- have installed 3MW of solar PV in their own community energy projects
- have supported the installation of 3MW of other community energy groups solar PV
- are in process of supporting the development of a further 10MW of other community energy groups solar PV
- have raised and helped raise £10 million through community shares for their and their partners projects
- have re-distributed £65,000 of profits back into local carbon reduction and fuel poverty projects over the last 2 years.

"Not many years ago there were a few enthusiasts. Transition Bath with its round a table with a great idea. Now only years later we have recognised as one of the leading community companies in the country." Peter Capener, receiving 'Community Organisation of the Year' Community Energy Awards

Britton Energy, which is

- Transition Town Lirio
- installed 134.24 kW of energy across 3 schemes
- raised a total investment of £182,000 from local people through three share offers
- Saved around 1275 tonnes of carbon
- Benefited from 290 hours of volunteer input.

They are currently planning Britton Energy 4, bringing electricity (solar generated) to Electric Avenue, one of the area's best-known streets.

"This project means a lot to us and our residents. It brings with it value, work experience for of our youth as well as investment opportunities for residents and local investors alike". Mary Simpson, who lives in Britton Hill for 26 years

Photos: (Top) Jonathan Goldberg (Bottom) Peter Anderson

25 Stories of



The rise of community energy

BY ROB HOPKINS 20TH OCTOBER 2016 IN ENERGY

Opwarming van
het klimaat
“Empowerment”



Synergie RG / OV /
directie



Oprichting van een werkgroep

1. Informatiefase / definitie van de behoeften
2. Partner selectie
3. Geld inzameling
4. Plaatsing van de panelen
5. Inauguratie

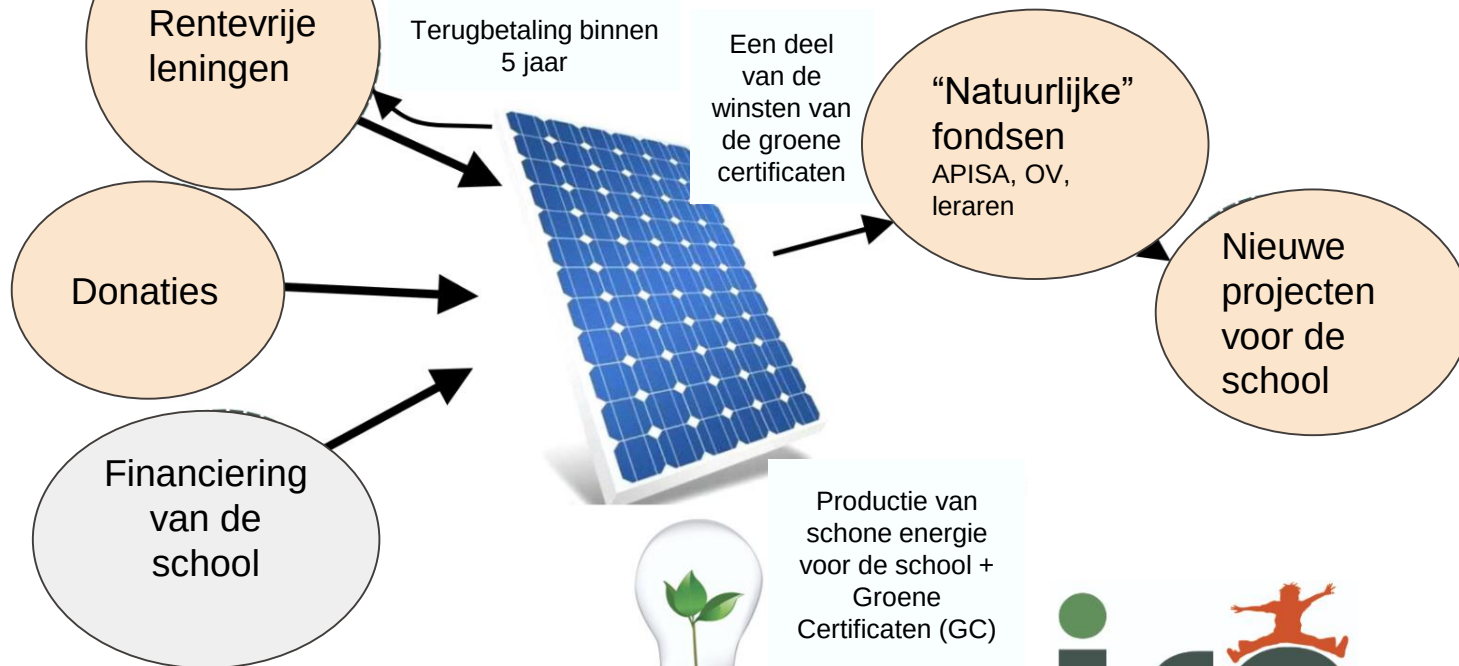
Echte behoefte
aan « derde
betalende » ?

Totale duur : ongeveer 10 maanden

Inspiratie via de
Transition-beweging
Seminarie "CRAIE"



Beoogde mechanisme



Mechanisme in ontwikkeling met verschillende actoren (APISA, RG, ouders) geholpen door de APERE (Association de promotion des énergies renouvelables)

1. Informatiefase / definitie van de behoeften
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Offerte aanvraag
~ 16 000 €

Total duur : ongeveer 10 maanden



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Eigen vermogen van
de school + verzoek
voor donatie /
leningen bij de
ouders

Totale duur : ongeveer 10 maanden



Financiële factoren

- Prijs installatie : ~16.000 € voor 12 kWc
- Donaties : ~3.500 €
- Leningen : ~11.000 €
- -> 90% installaties gefinancierd door donaties en leningen
- Winst installatie op 10 jaar : 15.000€ (naast terugbetaling - berekening van de APERE)

Sleutels voor succes

- Boodschap : het aantrekkelijk maken, duidelijk maken dat iedereen een rol heeft
- Motiverende context : school, wil om sterke berichten naar kinderen te sturen
- Geloofwaardigheid (samenwerking met de APERE)
- Gemotiveerde school (leerkrachten, directie, ...)

1. Informatiefase / definitie van de behoeften
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Enkele dagen in juli

Totale duur : ongeveer 10 maanden



1. Informatiefase / definitie van de behoeften
2. Partner selectie
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5. Inauguratie



Met ouders en
kinderen, tijdens
een « gefilterde
koffie » ochtend

Total duur : ongeveer 10 maanden













Meer info



http://stories.lalibre.be/inspire/numero73/index.html?fbclid=IwAR32d6HUSf6V5lYhQTZaF7KYMfkwH8ugQ9Eqj8suoOole81PsRuC6kha_0

<http://apere.org>

<http://craie-asbl.be/>

<http://www.institutsainteanne.be/>

<http://www.reseautransition.be>

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