The background is an aerial photograph of a dense, green forest. A large, semi-transparent circular graphic is centered on the page, containing the main text. The text is white and stands out against the darker background of the forest.

Case Study

# **Allego & Klimaatfonds**

PPA for a Sustainable EV Charging Future



# Introduction

As the global shift toward sustainability accelerates, the intersection of renewable energy and electric mobility presents a unique opportunity to drive meaningful change. Allego, a leading European EV charging network operator, and Klimaatfonds Nederland, a sustainable energy investment platform, embarked on a groundbreaking partnership to integrate clean energy into electric vehicle charging infrastructure. Their collaboration, facilitated by AFS Energy, resulted in a Power Purchase Agreement (PPA) that ensures a stable supply of green electricity for Allego's charging stations. This case study explores the structure, impact, and significance of this agreement.

## The Challenge

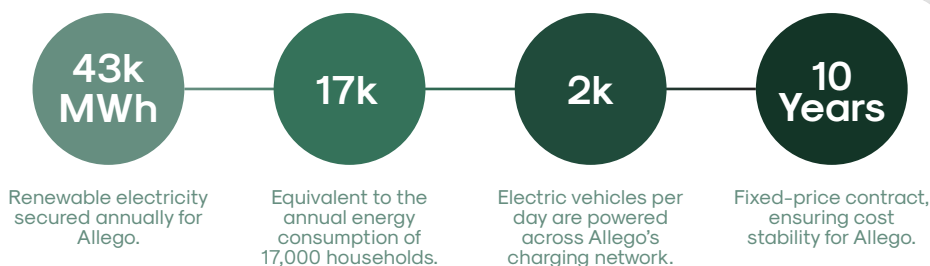
Allego operates one of Europe's largest EV charging networks, requiring a vast and reliable supply of electricity. However, sourcing green energy consistently while maintaining cost stability is a challenge. Market fluctuations in energy prices, dependency on third-party suppliers, and the need to ensure a fully renewable energy portfolio made it essential for Allego to secure a long-term solution.

Similarly, for Klimaatfonds Nederland, ensuring that their renewable energy projects directly contribute to tangible sustainability outcomes was a priority. Developing large-scale solar farms requires financial security, which can be achieved through long-term commitments from energy buyers. The challenge was to create an agreement that would benefit both parties while advancing national clean energy objectives.

## The Solution

The solution came in the form of a Power Purchase Agreement (PPA) between Allego and Klimaatfonds Nederland, with AFS Energy playing a pivotal role in structuring and executing the deal. This long-term contract secures approximately 43,000 MWh of renewable electricity per year for Allego, sourced directly from the newly developed Zonnepark Aadijk II solar farm in the Netherlands.

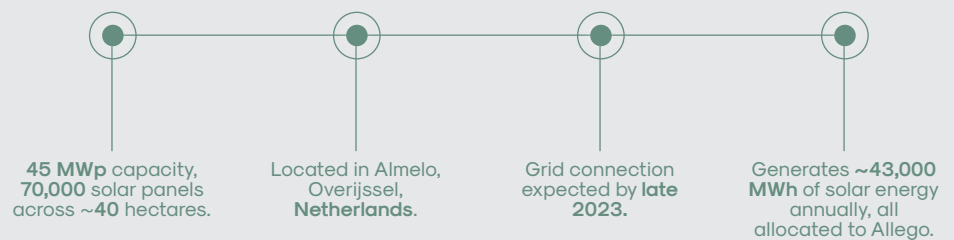
AFS Energy facilitated negotiations, ensuring transparency and alignment between the renewable energy producer and the off-taker. The result was a structured agreement that guarantees a fixed price for Allego, stabilising energy costs while providing Klimaatfonds Nederland with a predictable revenue stream, making the solar farm financially viable.



# Implementation & Execution

The renewable electricity is generated by Zonnepark Aadijk II, a state-of-the-art solar farm with a total installed capacity of 45 MWp. Covering approximately 40 hectares and consisting of 70,000 solar panels, this project was developed with the explicit purpose of providing green energy to corporate buyers.

The construction of the solar park commenced in 2023, with grid integration expected by the end of the year. The PPA ensures that Allego will receive the full output of the solar farm as soon as it becomes operational, guaranteeing an immediate impact on its sustainability goals.



## Impact & Benefits

### For Allego:

- **Green Energy Supply:** The agreement enables Allego to directly source solar energy for its EV charging stations, ensuring that a substantial portion of the charging network operates on renewable power.
- **Cost Stability:** With a locked-in electricity price, Allego is shielded from energy market volatility, allowing for better long-term financial planning and competitive pricing for customers.
- **Sustainability Leadership:** This agreement is a major step toward Allego's goal of powering its entire charging network with 100% renewable energy, reinforcing its commitment to sustainability.
- **Operational Control:** By securing a dedicated renewable energy source, Allego reduces its dependency on external suppliers, improving reliability and control over its charging infrastructure.

### For Klimaatfonds Nederland:

- **Secured Investment:** The long-term commitment from Allego provided financial confidence to develop Zonnepark Aadijk II, ensuring the project could be built and operated effectively.
- **Impact on Clean Transport:** By directly linking renewable generation to EV charging, Klimaatfonds Nederland contributes significantly to reducing carbon emissions in the transport sector.
- **Sustainability Alignment:** The agreement aligns with its mission of enabling impactful renewable energy projects that contribute to regional and national climate goals.



## Broader Industry & Policy Significance

This PPA exemplifies a growing trend where corporate entities secure direct access to renewable energy sources to meet sustainability targets while hedging against price volatility. In the Netherlands, such agreements are still emerging but are increasingly seen as a viable way to drive renewable energy investments.

The collaboration also aligns with national and European Union policy objectives. The Netherlands has set ambitious renewable energy targets, aiming for 70% renewable electricity by 2030 and carbon neutrality by 2050. By integrating EV infrastructure with renewable power generation, the agreement supports both clean transport initiatives and energy transition goals.

100% renewable electricity commitment for Allego's charging network.

Ensures price stability by mitigating energy market volatility.

Contributes to **70% renewable electricity** target in the Netherlands by 2030.



Reduces reliance on third-party energy suppliers, enhancing control.

Supports the Province of Overijssel's goal to be **energy-neutral** by 2050.

## Stakeholder Perspectives

Mathieu Bonnet, CEO of Allego, emphasized the strategic importance of the agreement:

“

Klimaatfonds Nederland is a reliable partner for Allego to realise the supply of 100% sustainably generated energy for our EV drivers. It suits our vision to offer every EV driver the security of going anywhere from Allego's reliable and sustainable charging network.

”

Tim Damen, Director of Klimaatfonds Nederland, highlighted the alignment of both companies' missions:

“

The PPA with Allego is a new milestone for both parties and, in addition, a good example of two companies where the sustainable ambitions fit well together. Thanks to the agreement with Allego, we know for sure that the electricity produced by our solar farm will be used sustainably and significantly contribute to making road transport in the Netherlands more sustainable.

”



## Conclusion

The Allego-Klimaatfonds Nederland PPA demonstrates how corporate energy procurement strategies can accelerate the transition to renewable energy while benefiting both business operations and sustainability objectives. Allego secures a dedicated supply of clean power, ensuring cost stability and reinforcing its leadership in green mobility. Klimaatfonds Nederland achieves its mission of driving impactful renewable projects by enabling the direct consumption of green electricity in a critical sector.

With AFS Energy playing a vital intermediary role, this case study serves as a blueprint for future collaborations between corporate energy buyers and renewable developers, showcasing how structured PPAs can drive meaningful change in the energy and mobility sectors.

## AFS Energy: A Leader In Environmental Intermediary Energy Solutions

AFS Energy has played a crucial role in bringing this agreement to fruition, leveraging its expertise in structuring transparent and bankable PPAs. As a trusted intermediary, AFS Energy bridges the gap between renewable energy producers and corporate off-takers, ensuring mutually beneficial agreements that align with sustainability goals and financial objectives.

For businesses looking to secure long-term energy contracts, reduce exposure to market volatility, and enhance sustainability commitments, AFS Energy offers customised solutions tailored to specific energy needs. Whether it's facilitating PPAs, advising on energy procurement, or navigating complex regulatory landscapes, AFS Energy is committed to driving the energy transition.

To explore how AFS Energy can support your renewable energy strategy, contact us today and take the next step toward a sustainable future.



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