

# Dutch Data Centers offer waste heat for free to new Cabinet

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## SAMENVATTING

*The Dutch data centers, united in the Dutch Datacenter Association (DDA), have offered the new Dutch Cabinet, currently in formation, their waste heat for free. In this way, Dutch data centers would like to make a positive contribution to the energy transition and help to achieve the climate goals that are set in the Paris Agreements more quickly.*

**T**he Dutch data centers, united in the [Dutch Datacenter Association](#) (DDA), have offered the new Dutch Cabinet, currently in formation, their waste heat for free. In this way, Dutch data centers would like to make a positive contribution to the energy transition and help to achieve the climate goals that are set in the Paris Agreements more quickly.

Stijn Grove, Director of the DDA about the initiative: "The ever-increasing digitization has a profound impact on the economy and society as a whole. Business models are being transformed and new sectors arise thanks to the possibilities the online world offers. At the same time, a major transition to renewable energy is also taking place. The digital transformation and energy sustainability can go hand in hand if the right actions are taken. Data centers can play a key role in both developments by using the waste heat they produce to heat other buildings."

## Future proof

The data center sector is an example of an industry that is 'future proof': it fully runs on electrical energy and almost exclusively uses green power. Datacenters generate huge efficiency benefits by bringing together and concentrating IT equipment in one place. Due to the professional exploitation of data center facilities, large amounts of energy are saved in comparison with on premise IT. Due to economies of scale, specialization and state of the art technology, data centers can handle energy very efficiently. Without data centers, the Dutch economy and society would use more than twice the amount of energy than is currently being used.

## Sustainable energy potential

Almost all of the electricity consumed by data centers is converted into heat. The concentration of online services in a data center, whether or not established with other data centers on a campus, therefore offers a large, hitherto hardly utilized energy potential. The utilization of the green waste heat generated by data centers is a logical step towards a fully circular economy.

Grove: "We can reuse this waste energy, generated by green and renewable sources as high-quality, low-caloric heat to warm other buildings. Houses, offices and greenhouses can be heated with this heat. Industrial processes can be made sustainable more quickly. By reusing the heat data centers generate, it will be possible to achieve CO2 reduction targets faster, we will accelerate the transition to sustainable energy use and we will need less natural gas."

### **Offered free of charge**

The Dutch data center sector, represented by the DDA, wants to speed up the energy transition. Therefore, under certain conditions, the sector offers its waste heat. Free of charge and for the benefit of all.

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### **About the Dutch Datacenter Association**

**The Dutch Datacenter Association** (DDA) is the trade organisation of data centres in the Netherlands, the bedrock of the Dutch economy. The DDA unites leading data centres in the Netherlands in a common mission: the strengthening of economic growth and the profiling of the data centre sector to government, media and society.

The DDA expresses industry views on regulatory and policy issues. It demonstrates leadership by facilitating and encouraging members to implement operational improvements in the form of best practices. The DDA promotes education and contributes to technical standards, which enables the data centre industry in the Netherlands and abroad to further distinguish itself.

The DDA is one of the founders of the umbrella foundation Digitale Infrastructuur Netherlands (DINL). DINL unites organisations that facilitate the digital infrastructure within the Netherlands. The DDA closely collaborates with **Digital Gateway to Europe**, which promotes the Netherlands as international data hub. The DDA also actively collaborates with market operators, the government and other interested parties.



#### RELEVANTE LINKS

 **Dutch Datacenter Association**  
<http://www.dutchdatacenters.nl/-english.html>

AFBEELDINGEN



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