



Spark of Nature!



### A unique company

Plant-e was founded on the 14th of September 2009, as a spin-off company from the sub-department Environmental Technology at Wageningen University by Marjolein Helder and David Strik.

In 2012 Nanda Heshof was hired and since 2013 Marjolein en Nanda are committed fulltime to Plant-e. In that same year a large research project started and Plant-e was able to grow to its this coreteam Plant-e has several temporary and on-call employees.

David works as an assistent professor at Wageningen University and is still an important link between the scientific research and the research and development at Plant-e.



technology and products further. Everyone at Plant-e contributes to this development from their own discipline, making Plant-e a dynamic company.



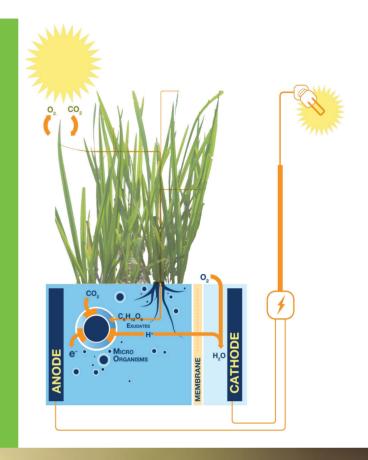
## Revolutionary

Plant-e develops products in which living plants generate electricity.

Plants produce organic matter through photosynthesis. Part of this organic matter is used by the plants to grow, but a large part can't be used by the plant and is excreted into the soil, through the roots.

In the soil, bacteria around the roots break down this organic matter. In this process, electrons are released as a wasteproduct. Plant-e technology makes it possible to use these electrons as electricity.

Research shows that plant growth is not harmed by the harvest of electricity. This means that the plant can keep on growing while electricity is produced at the same time.



### **Patented technology**

Plant-e technology was patented in 2007. It enables Plant-e to produce electricity with living plants at practically every site where plants can grow and water is abundantly available. The technology is based on natural processes and is safe for plants, bacteria and the environment.







# **Discover Plant-e Modular systems:** HEMbruggrounds in Zaandam Next to the A12 (Ede/Wageningen) Schoolyard Christelijk College Zeist Grounds of Neobuild in Luxembourg

- Patio of the Ministry of EZ in Den Haag
- Rooftopterrace of Cityhall in Venlo
- Rooftopterrace of the Netherlands institute of Ecology (NIOO)
  Windpark Nijmegen-Betuwe

#### **Tubular system:**

- Natural garden of Wageningen





# Plant-e

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