

# CURRICULUM VITAE

<b>Personalia</b>	Name	H.D. Stokman
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	Birthplace	Aalsmeer
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<b>Competencies</b>	Market and application knowledge for DC systems, high current technology, power electronics, embedded software.
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<b>Other activities</b>	<p>Chairman IEC workgroup AhG (LVDC) from September 2017.</p> <p>Member of IEC System Committee LVDC.</p> <p>Member of IEC (International Electrotechnical Commission) Workgroup SEG 4 LVDC and SEG 6 Micro Grids.</p> <p>Chairman of the NEN 1010 DC standards Workgroup (NEC 64).</p> <p>Member of CIGRÉ, active in international workgroup DC Distribution.</p> <p>Chairman and founder of the DC Foundation.</p> <p>National Working Group Infrastructure D66.</p> <p>Board member of the Committee on Professional field, The Hague University of Applied Sciences.</p>
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"It is my belief that DC is the future. For this cause, I devote myself, business wise, privately, and socially to achieve this goal."

Harry Stokman is European leading expert on DC and has been active for more than 25 years as an entrepreneur and developer in the DC business.

Because of his dedication, years of experience, knowledge, and development, he plays a leading role in many DC innovations. These innovations in DC and smart grids are being deployed in the Netherlands and abroad.

He puts a lot of energy promoting DC in society and education. For example, he regularly gives lectures at universities on the subject of DC. Two universities have worked together with him to set up a study in Electrical Engineering. The office is always open to students seeking a practical training or graduation thesis subject. Politically, he is nationally active in a political working group on energy infrastructure.



<b>2017</b>	DC system in Circl of ABN AMRO Bank IEC workgroup AhG LVDC IEC SyC LVDC Amsterdam conference	Delivered smart DC system in circular office building. New IEC workgroup established with Harry Stokman as chairman. Co-organised IEC conference and IEC meeting in September.
<b>2016</b>	DC system in Circl of ABN AMRO Bank DC system in PULSE - Delft University DC Foundation (worldwide)	Start implementation of smart DC system in office building. Start implementation of smart DC system in utility building. Founded promote and realise DC in the world.
<b>2015</b>	USB-C IEC SEG 6 Micro Grids DOE-DC project DC Flexhouse project	Cooperation with ABB to develop a standard USB-C wall socket. Participation in research standardization of DC-standards worldwide. Scaling up DC grid in horticulture i.c.w. PV farm and CHP. Converting existing houses to a DC grid.
<b>2014</b>	Book Future of DC in the Netherlands Public lighting on DC smart grids De Stroomversnelling DC Congress at Delft University	Published in cooperation with Ministry of Economic Affairs, DC Foundation. Implementation of DC-lighting on DC smart grids in 4 municipalities. Smart DC system for DC smart grid in houses. Showcasing DC projects by partners in cooperation with Direct Current BV.
<b>2013</b>	Current/OS Current Router Government Building Services NEN 1010 (NEC 64) DC Workgroup Public lighting on DC	Design and development of operating system for smart DC system. Design and development of DC system security and management modules. Participation in think tank of Government Building Services in innovations. Workgroup founded to give DC standards the right place. In collaboration with ELEQ, CityTec, Joulz and Lightwell.
<b>2012</b>	Concept of Security in DC DC and horticulture lighting  Meermakers, Haarlemmermeer Technical University of Delft SIA-RAAK DC in education Nupharo, Czech Green Deal from the Government	Development of the Concept for How to Make DC Safe, a dogma killer. First demonstration of growth light on DC 51 lamps of 600W in new DC infrastructure, placed at Horticulture Vreeken in Haarlemmermeer. Co-founding leasing company for horticulture for implementing DC. Co-founding the DC Department at the TU Delft. Co-creating DC course in higher technical education. Cooperation in Industrial Park on DC and DC smart grids. For facilitation DC Project Haarlemmermeer DC=DeCent.
<b>2011</b>	Green Campus, Technical Univ. Delft IPIN (program of the Government) DC HPS driver	Development of concept of DC smart grid on campus. Development of testing area for DC smart grid. Start of development of a DC driver for growth light.
<b>2010</b>	Haarlemmermeer and Schiphol  HTAS program Research DC voltage Siemens en Joulz Charger for 100% EV (Golf) DC in the Horticulture DC Foundation	Master plan DC vision: Schiphol aircraft stands on DC and horticulture on DC connected with datacenters. Start development of drive train for 100% electric cars. Research to establish the choice of voltage in low voltage DC grids. Siemens en Joulz become partners in our DC mission. Development of charger for the electric car with Essent and Enexis. Start project with co-sponsorship by Rabobank, Joulz, Product Horticulture. Founding the DC Foundation to guard DC standards, to monitor the DC image and the interest on DC education.
<b>2009</b>	Direct Current B.V. (Ltd), Aalsmeer Netherlands Gets New Energy	Owner and founder of company with the mission to make DC possible. Cooperation with political parties to implement DC in vision document.
<b>2007</b>	Hellas Rectifiers B.V., Eindhoven	Owner and founder of new company rectifiers manufacturer.
<b>2006</b>	Black page	Wrong choice of business partner led to bankruptcy of company Hellas BV.
<b>2005</b>	Master plan DC	Establishing Master Plan DC Vision: DC is the Future!
<b>1998</b>	Hellas B.V., Aalsmeer	Owner / acquisition of a manufacturer of rectifiers.
<b>1988</b>	HS Engineering, Amsterdam HTS-A, Amsterdam	Owner / founding company in designing rectifiers. Graduated in Electrical Engineering.
<b>1977</b>	Goal at the age of 14	I want to be a rectifier manufacturer.