

Esther Hardi

Tel. +31629587723; Esther.Hardi@planet.nl ; Breukelen, The Netherlands;

I am skilled at creating new business opportunities and setting up pilot projects, aligning c-suites and engaging institutions and governments. My colleagues would describe me as an enthusiastic, intelligent, and pleasant person who's able to manage complex innovative projects.



WORK EXPERIENCE

2020 - today SDG Energy

Founder of this company that devotes itself to the energy transition to meet the UN Sustainable Development Goals for the energy and business sector.

2019 - today Energy Cooperation 2030.nu

Director of cooperation that realizes renewable energy production projects and organizes local participation (~30MW). I engage partners, create collaboration agreements, and organize stakeholder commitment.

2007 - 2020: Alliander; Department of Strategy and Innovation.

As a **Strategist** I develop new ideas for new markets, coordinate the vision, and accelerate the developments in the moving energy market. I am engaged in aligning operational managers, stakeholders, board room, and policy makers on the local, national, and European commission levels.

Achievements:

- Modelling, valuation and business planning of 5 new businesses (start-ups) within Alliander.
- Green Gas program management: planning, implementation, and monitoring of the sub projects to develop an efficient way to distribute biogas to millions of consumers. Design and production of the injection and monitoring system for renewable biogas. Formulating and reaching an agreement for regulatory conditions to inject green gas into the national natural gas grid. Solving institutional issues and coordination with partners.
- Increase the resilience and sustainability of Amsterdam: partner of the City of Amsterdam in designing an awareness tool for water flooding and extreme weather changes (EU Council meeting, Amsterdam 2016)

As an **Innovation manager** I initiate innovations and align partners to realize low carbon energy projects. This also involves design and operational execution of pilots, and leading technical teams. (~1mln euro /yr; average 12 FTE).

Achievements:

- Securing alignment and commitment of the process industry and installers to develop new products and create new markets. For example, new efficient techniques for biogas distribution grid/hub: the successful research of a simplified system for biogas. (among other: gas sensor by TNO-Bronkhorst-Alliander)
- Initiator and developer of the "BioGrid" project: This sector-changing design uses an the innovative BioGrid/BioNet. Customers are now able to make use of locally produced biogas in a sustainable process.
- Coach of two winning student teams for the International NRG-battle Kuala Lumpur with concepts 'Adopt a Cow' and 'Biogas lamp' (Winner 2014 and winner 2013)
- Creating successful new business opportunities: Entrance <https://entrnce.com> and Allego <https://fd.nl/ondernemen/1406227/allego-krijgt-miljardenwaardering-met-beursgang-op-wall-street-i2g1caXFLfoS>

2004 - 2007 Nuon Consultancy Group; Senior Advisor

Achievements:

70% efficiency increase in sales business unit as (black) LEAN expert in Operational Excellence program. During the acquisition period, I was responsible for and reinvented the coal and bio gasifier powerplant Buggenum (Willem-Alexandercentrale)(100FTE).

2000 - 2004	Nuon/ Vattenfall - Energy Trade and Wholesale (Amsterdam); Tradefloor, origination, dealmanagement
1997 - 2000	Schlumberger, Oilfield Services: (offshore, London, Norway); geophysicist
1996 - 1997	TNO-TPD: Technische Physische Dienst (Delft); researcher

ACADEMIC EDUCATION

2019 - 2021	Executive MBA, Rotterdam School of Management, Erasmus University; Sustainable Business Strategy and Sustainable Finance
2014 - 2019	PHD research fellow Economics of Infrastructures, Delft University of Technology; Faculty of Technology, Policy and Management; division of Public Administration and Public Policy
2018 - Oct	Finance for non-financial managers, Rotterdam School of Management, Erasmus University
2018 - Jun	Supervisory Board Cyclus, academic training for board members, Business school Nijenrode
1988 - 1997	Technical Mathematics at Delft University of Technology, discipline: Industrial Analysis, MSc
1995 - 1997	Technical Physics at Delft University of Technology, discipline: Seismics and Acoustics
1988	Athenaeum B, Rijksscholengemeenschap, Brielle.

RELEVANT COURSES

2017 - present	Personal Leadership Training as Forum, Advance Course and Leadership Program
----------------	--

COMMISSION, COUNCIL AND RELEVANT ACTIVITIES

2022- present	Board Klimaatcoalitie Stichtse Vecht, Boosting the energy transition with other local interest groups.
2017 - 2020	Vision Kern Team, Task Forceteam (13 people) to advise European Commission on subject of energy (renewable) transition and digitalization of the energy system
2016 - 2020	Co-chair ETIP SNET WG4 “Digitalisation of Energy system and Customer Participation” (Brussel EU, Horizon 2020 “ European Technology Innovation Platform Smart Networks for Energy Transition”)
2012 – present	Treasurer of Eekhout-Ament Foundation
2014 – 2020	Vice-President Programmaraad Next Generation of Infrastructure (Schiphol, Rijkswaterstaat, Prorail, Havenbedrijf Rotterdam, Vitens, Alliander; ~ 4mIn Euro) (www.nextgenerationinfrastructures.eu).
2010 – 2019	Director of Gallery of Tones, world music (non-profit foundation).

LANGUAGES

Dutch (mother tongue), English, German, Norwegian

INTERESTS AND ACTIVITIES

Performing music together, snowboarding, mountain biking, sailing

PERSONAL INFORMATION

Birth:	16-Dec , Rozenburg, Zuid-Holland
Nationality:	Dutch
Family:	Married, two sons.