Delft Energy Initiative 2.0

Kick-off meeting & New Year drinks 29-01-2020





Welcome speech

Prof. Dr. Ir. Paulien Herder

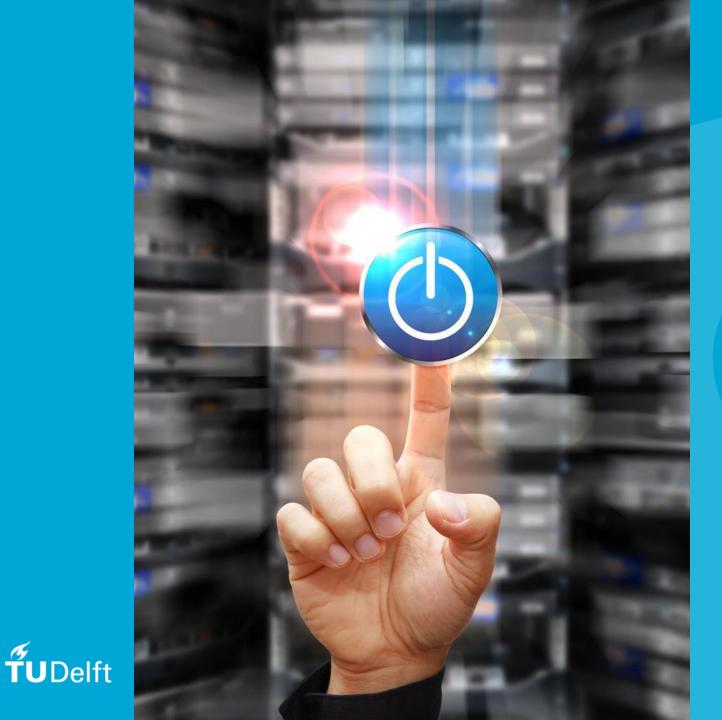
New Chair DEI

Prof Dr. Kornelis Blok





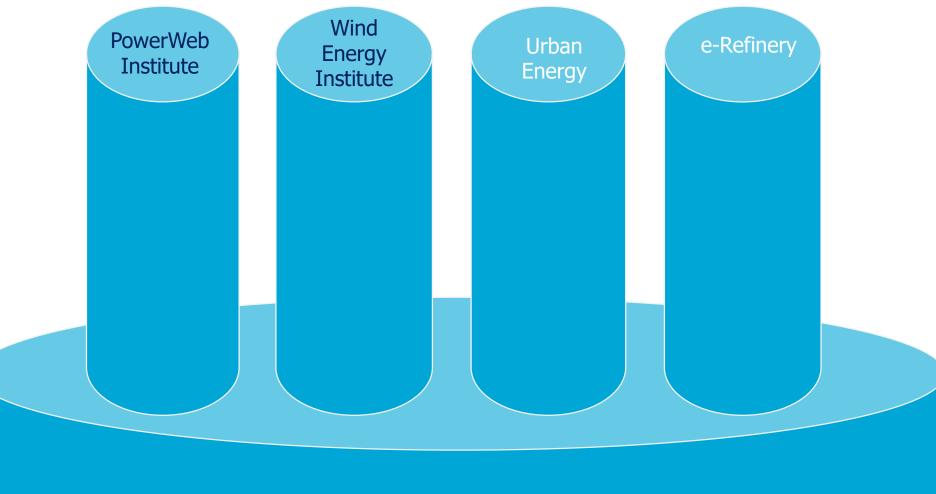




Delft Energy Initiative 2.0

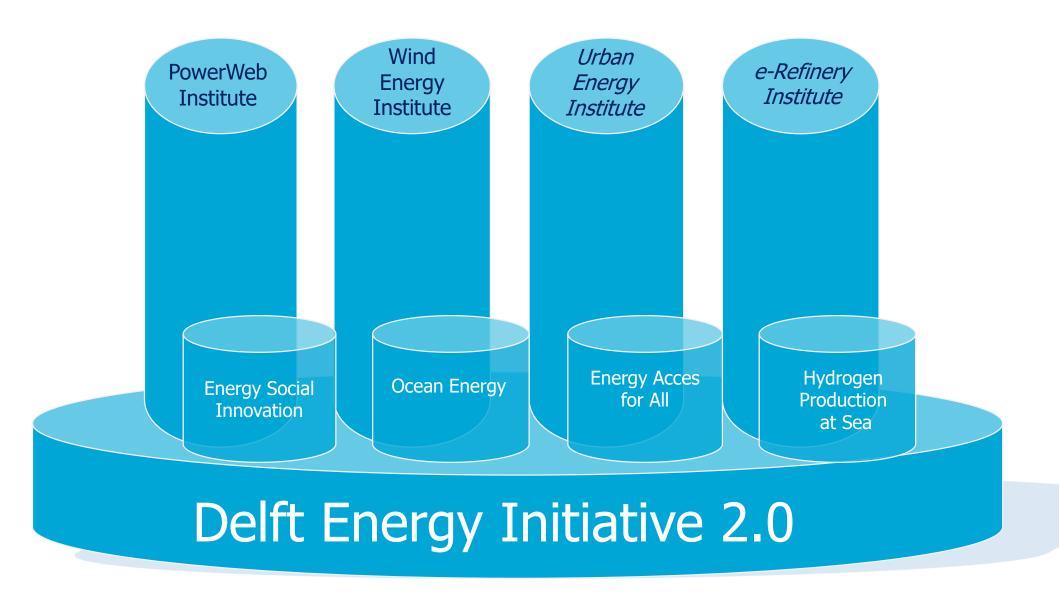
TU Delft's portal to energy research, education and innovation.

Catalyst for collaboration between scientists, students, industry and governments



Delft Energy Initiative







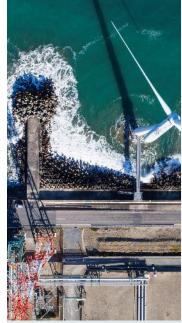
Delft Energy Initiative 2.0 – the Base



Meet the Energy Leaders



Energy Start-up vouchers



Vision Papers



The DEI Team

Kornelis Blok - Chair Yvonne Schavemaker - Manager Eveline Zeegers - Office & Communications Lily Li - Project Manager Sharita Balgobind - Press contact



The Energy Club



Delft Energy Initiative 2.0 – the Pillars



Prof. Dr. Peter Palensky

Arjen van der Meer



Wind Energy Prof. Dr. Simon Watson

Linda Gaffel **Urban Energy** Prof. Dr. Kornelis Blok

Mirjam Harmelink



e-Refinery Prof. Dr. ir. Paulien Herder

Yvonne Schavemaker





PowerWeb Institute

40 associated research projects

The Illuminator

Energy system dev kit

Grande opening PowerWeb Institute

Industry visits (RWE, Alliander)



ŤUDelft





ESP Laboratory





2020: hosting Europe's largest Smart Grids conference







The Netherlands' Long-Term Offshore Wind R&D Agenda

9 October 2019

ŤUDelft

Developing future Dutch Long Term R&D Plan for Offshore Wind

Promoting visibility in wind energy education and research

TORQUE

EWEM

Preparing for the biggest

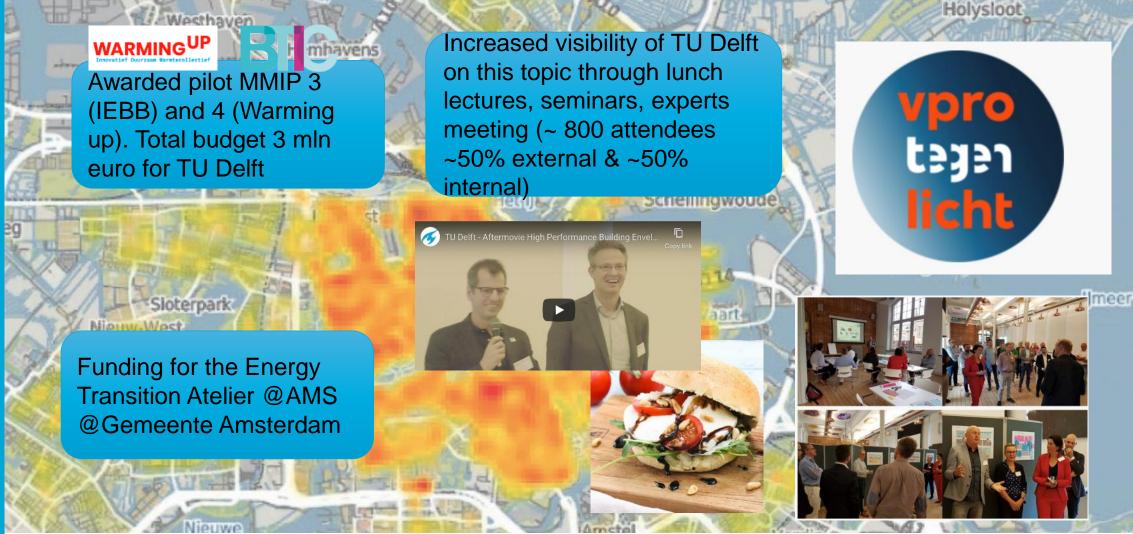
academic wind

conference



GROW: Gentle Driving of Piles – Research and innovation in piling for offshore wind farms

Urban Energy Platform







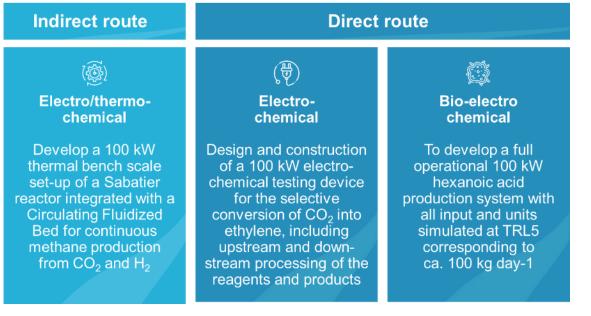






JDelft

Established our Research Goals



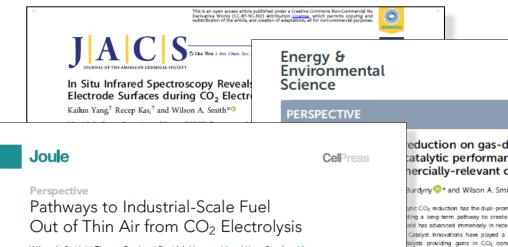
New Research projects granted:

- TOeLS towards large scale electrochemical systems
- RELEASE Reversible large scale energy storage

Formation of e-Refinery Institute with support from AE as new faculty, besides EEMCS, TPM, 3ME and AS.



Important new Publications:



Wilson A. Smith,^{1,*} Thomas Burdyny,¹ David A. Vermaas,^{1,2} and Hans Geerlings^{1,3}

Delft Energy Initiative 2.0 – the New Themes



Energy Social Innovation Gerdien de Vries Thomas Hoppe

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Hydrogen Production at Sea Chris Hellinga

Stay in touch!

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