

# Der Europäische Innovationsrahmen für die Fernwärme der Zukunft

Welche Innovations-Prioritäten setzt die EU?

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**DHC+**  
TECHNOLOGY PLATFORM

under the umbrella of



**EUROHEAT  
& POWER**

**DHC+**  
TECHNOLOGY PLATFORM

# KONTEXT: EU ENERGIE- UND KLIMAZIELE

- GESETZGEBUNGSPAKET “SAUBERE ENERGIE FÜR ALLE EUROPÄER“



GHG Emissionen

2020	2030
-20%	≥-40%



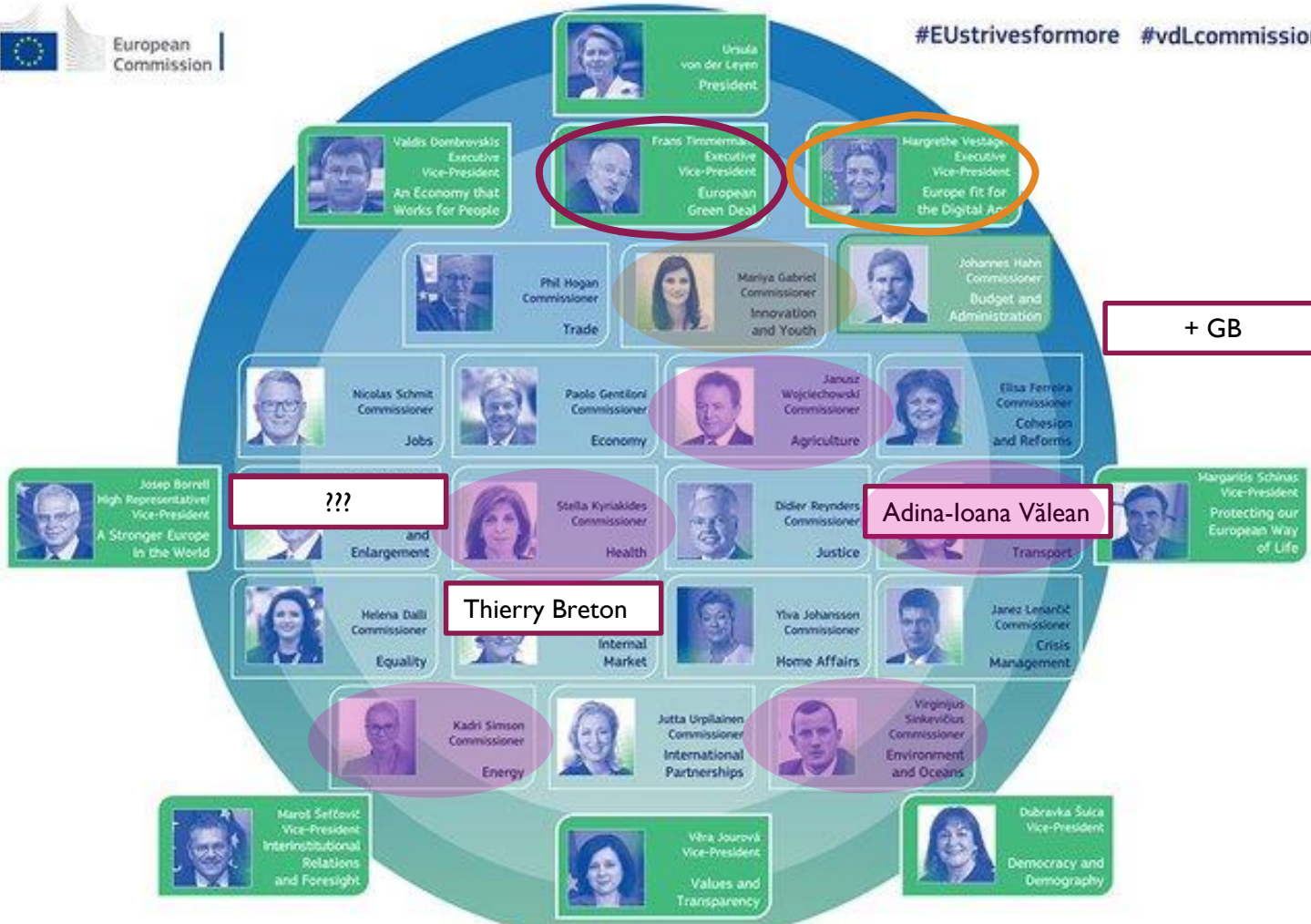
Erneuerbare Energie

2020	2030
20%	≥32%



Energieeffizienz

2020	2030
20%	≥32.5%



A New Push for European Democracy

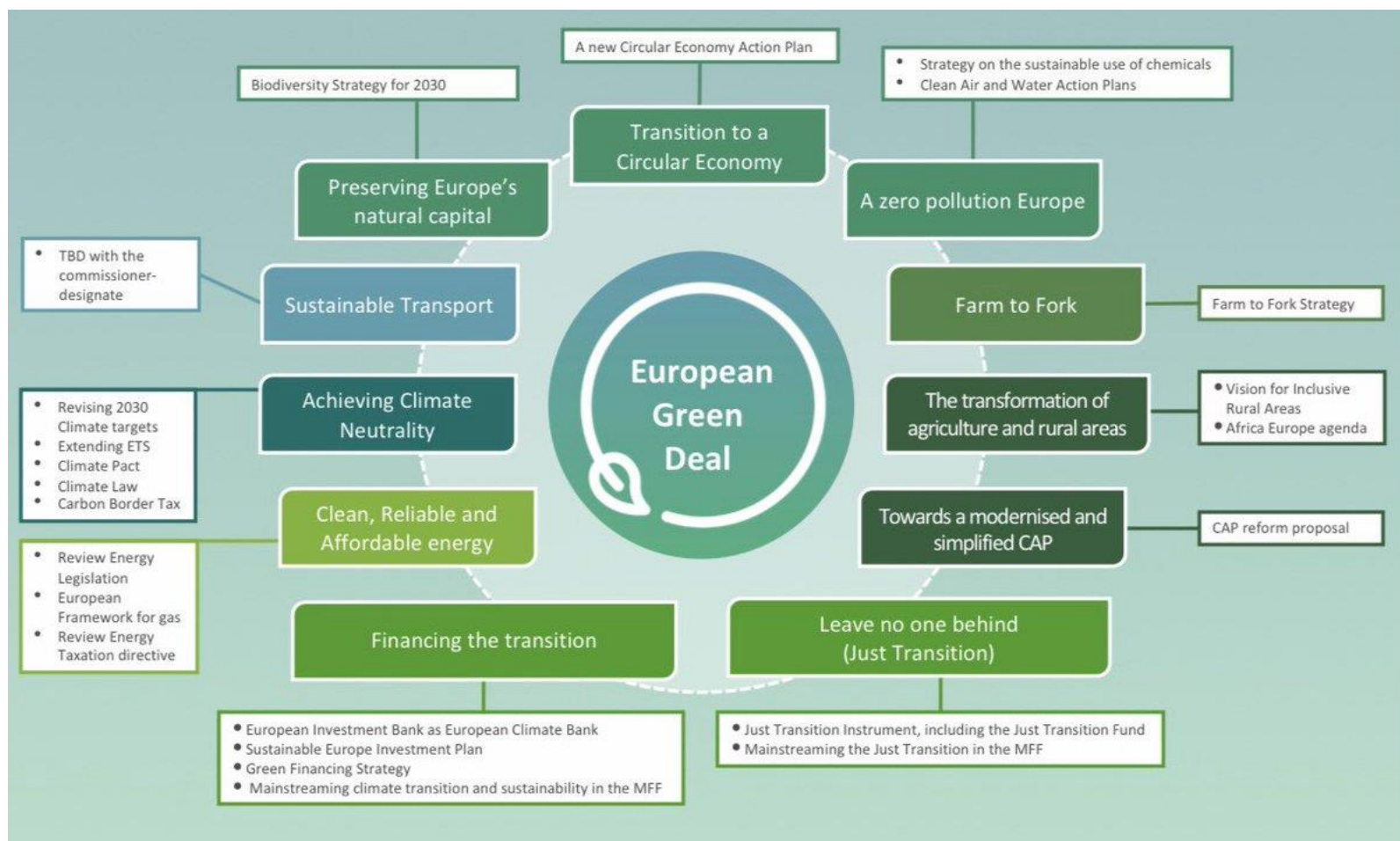
# Ein europäischer Neuer Grüner Deal?



CC-BY-4.0: © European Union 2019 – Quelle: EP



# Rahmenbedingungen in den ersten 100 Tagen:



# Klimaneutralität? Polen will mehr Geld

Von: Frédéric Simon | EURACTIV.com | translated by Tim Steins

📅 17 oct. 2019



Für einen Ausstieg aus der Kohleenergie braucht es mehr finanzielle Unterstützung, findet die polnische Regierung. Im Bild:



land a v

Quellen: Die Zeit & Euractiv



The EU bank has been Europe's climate bank for many years. Today it has decided to make a quantum leap in its ambition. We will stop financing fossil fuels and we will launch the most ambitious climate investment strategy of any public financial institution anywhere. We look forward to working closely with Member States, with the EU Council of Ministers, with the European Commission, the European Parliament, with international and financial institutions and, crucially, with the private sector, to support a climate neutral European economy by 2050.

**WERNER HOYER**

President of the European Investment Bank







Quellen: DIE LINKE <https://flickr.com/photos/34289572@N06/48764478228>  
Olivier Ortelpa <https://www.flickr.com/photos/copivolta/46724068321>



# Horizon Europe

## Evolution of investment in research and innovation

throughout the EU framework programmes



#HorizonEU #InvestEUresearch #EUBudget







Ziele mit hoher  
gesellschaftlicher  
Relevanz

**Adaptation to climate change, including societal transformation**



**Healthy oceans, seas, coastal and inland waters**



**Mission areas**



**Cancer**

**Climate-neutral and smart cities**



**Soil health and food**



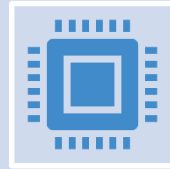




# Welche Innovations-Prioritäten können erwartet werden?

Energiemarkt-  
Integration und  
Digitalisierung

~~Technologie-  
spezifische  
Förderungen~~



Digitale Lösungen für  
Sektorenintegration und –  
kopplung, Cybersecurity



Analyse und Evaluierung von  
neuem Energiemarktdesign  
mit variablen Erneuerbaren



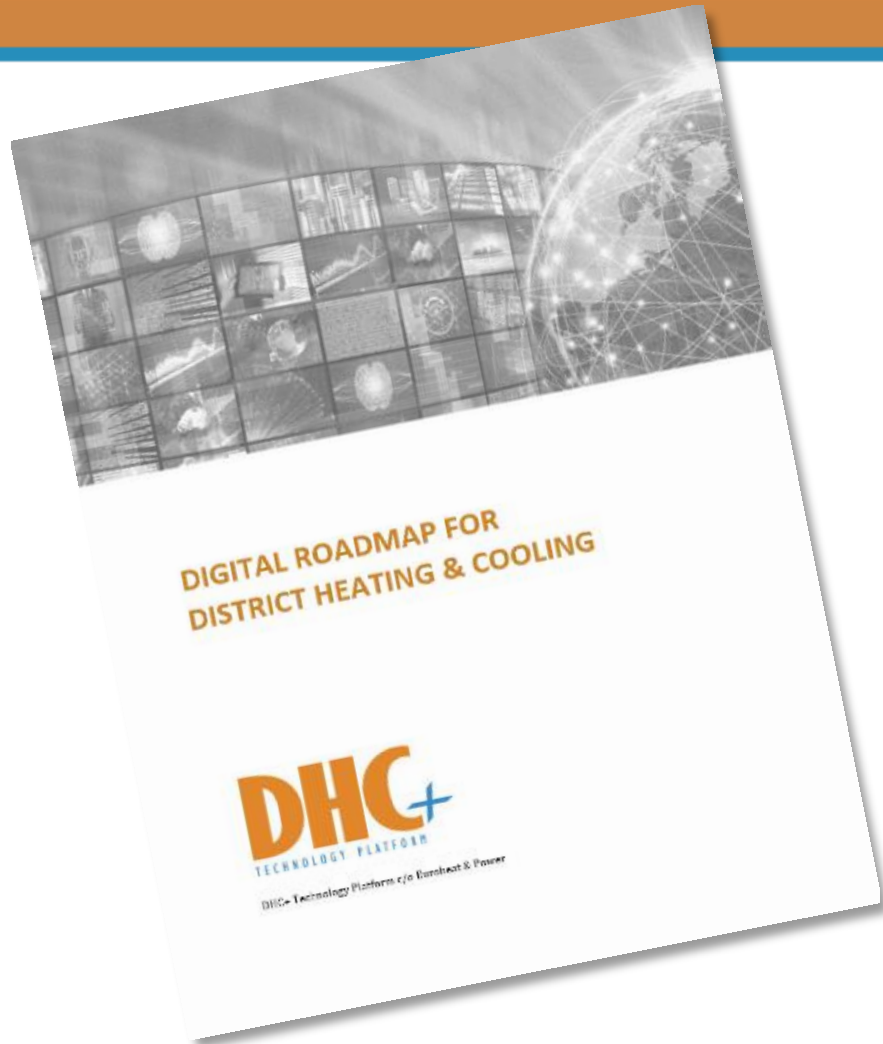
Integrierte lokale  
Energiesysteme, Microgrids,  
Demand Response

Städte

Bürger

Finanzierung

Industrie



<https://www.euroheat.org/publications/digital-roadmap-district-heating-cooling/>

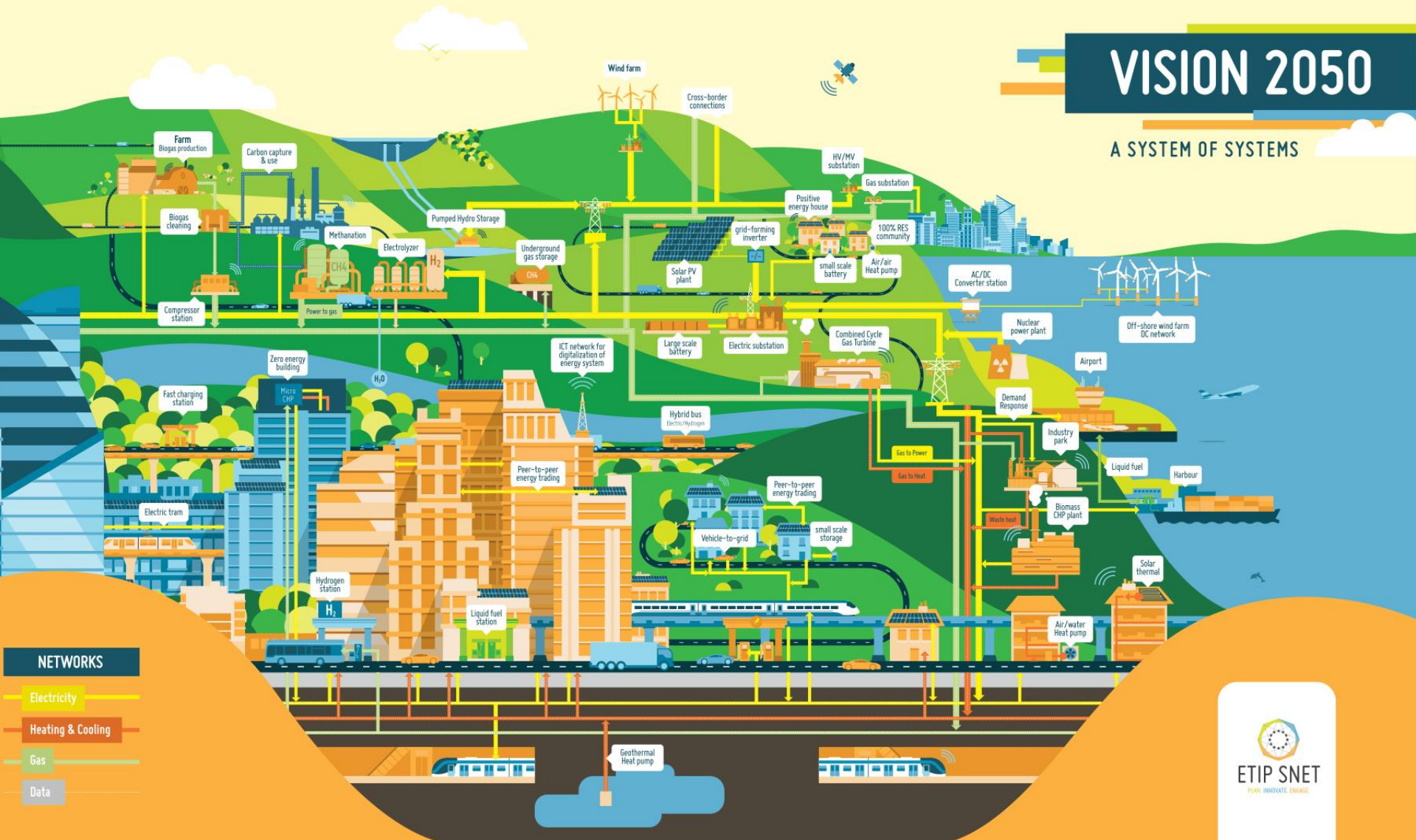


<https://www.rhc-platform.org/content/uploads/2019/10/RHC-VISION-2050-WEB.pdf>



# VISION 2050

A SYSTEM OF SYSTEMS



<https://www.etip-snet.eu/etip-snet-vision-2050/>

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# Fragen?

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