

ENERGIEHAVEN ROTTERDAM



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50% throughput ROTTERDAM is 'FOSSIL'

Port and industrial complex contribute
to Dutch prosperity: - 385.000 jobs

- 6,2% GDP

- 15 % of NL CO2 emission

Crude,
oil products,
LNG

45%



Coal

5%



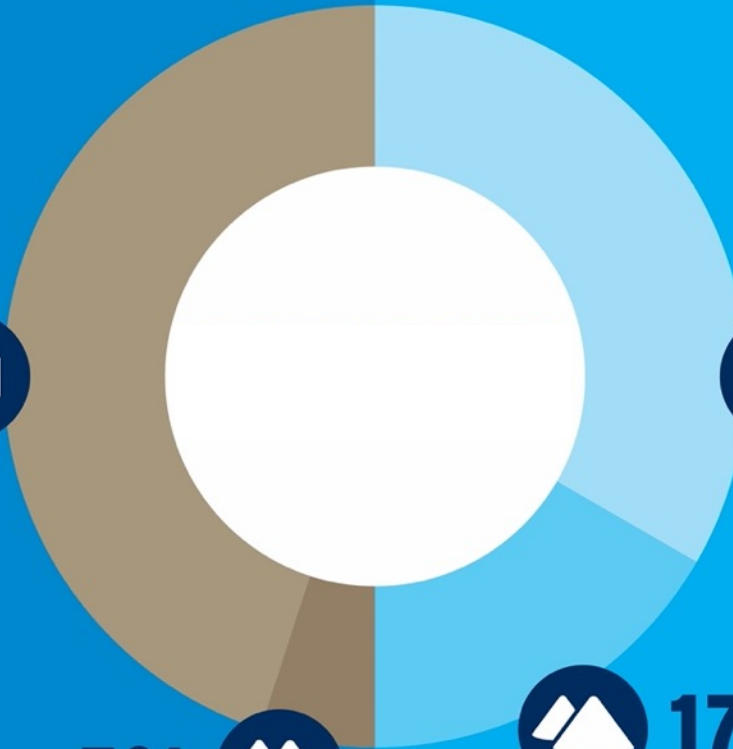
33%

Containers



17%

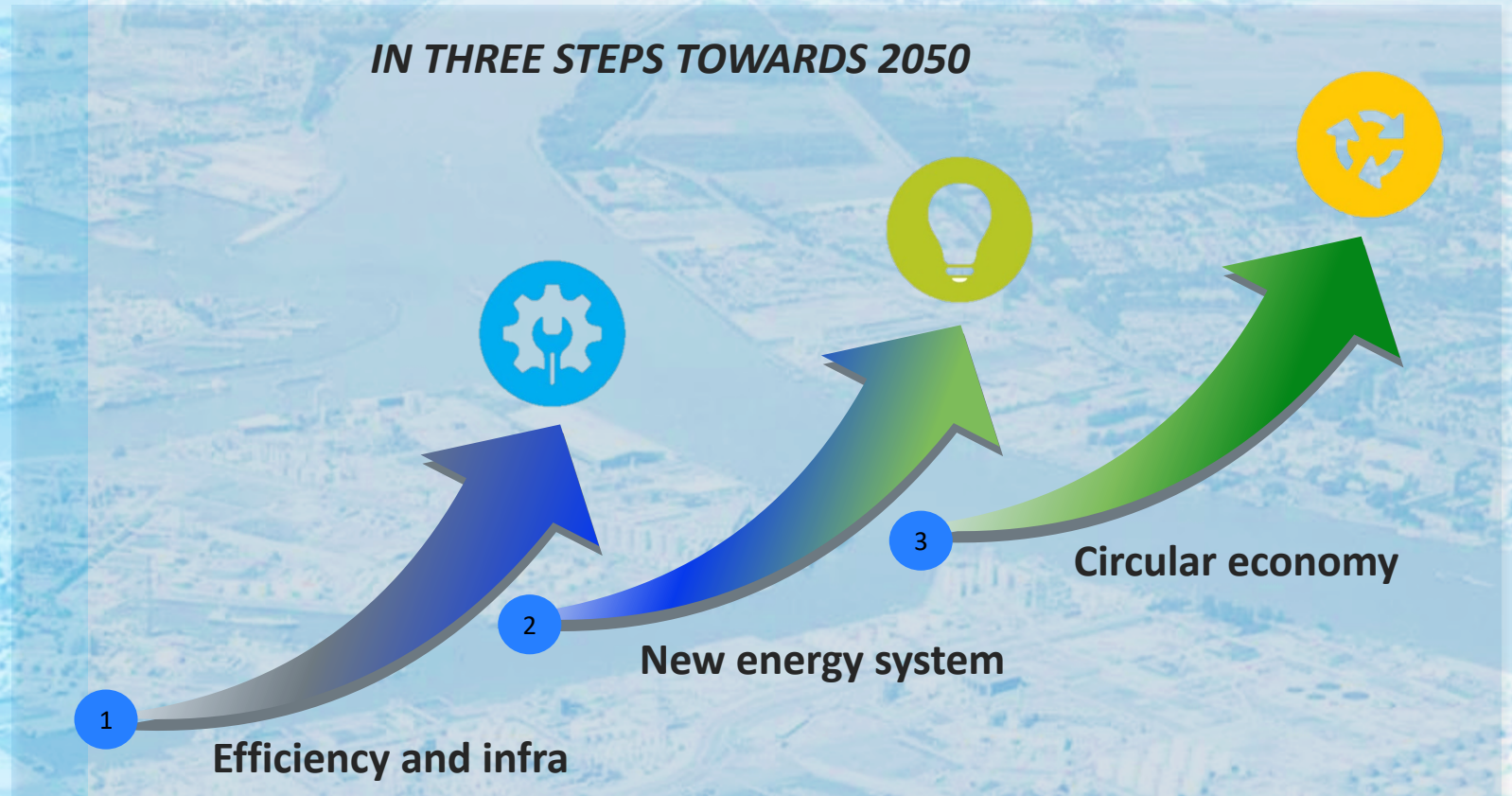
Other



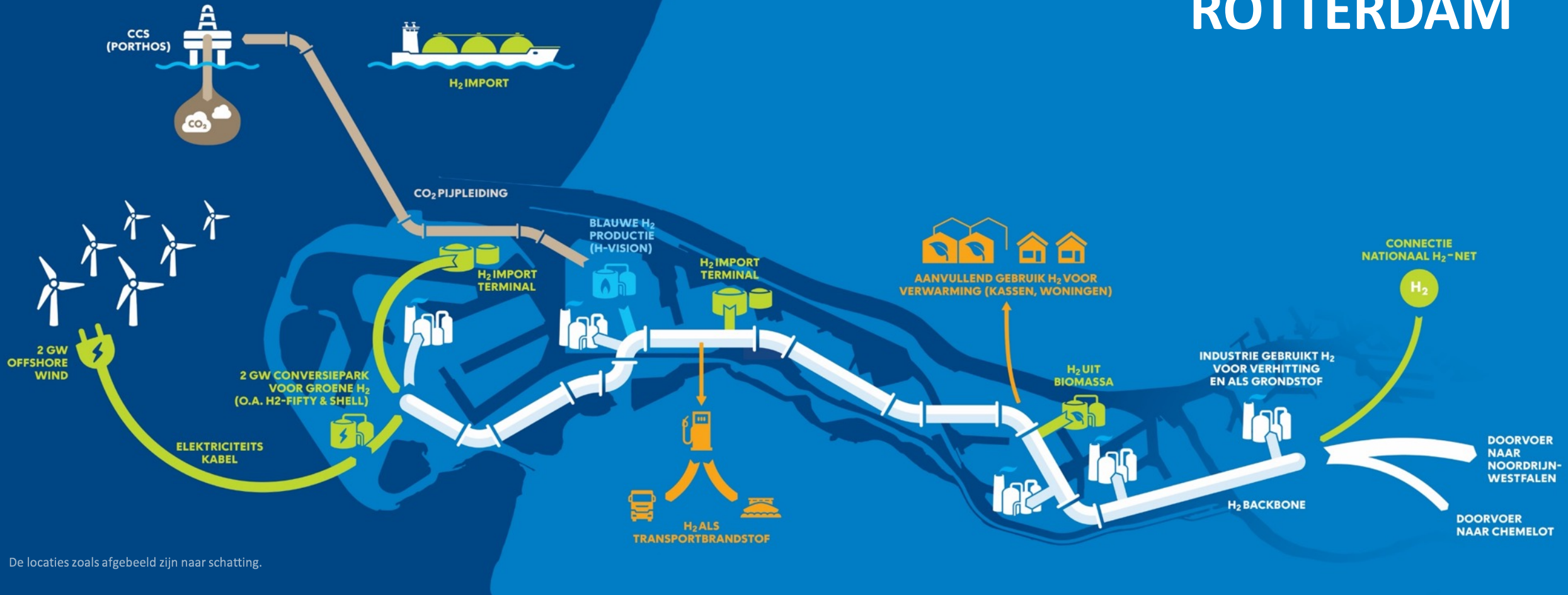
ENERGY TRANSITION IN THE PORT OF ROTTERDAM

AND-AND APPROACH

- And help existing industry and logistics cluster to adjust to future climate demands
- And attract new sustainable industries
- In doing so, protect and enhance economic value
- Carve out an enhanced competitive position

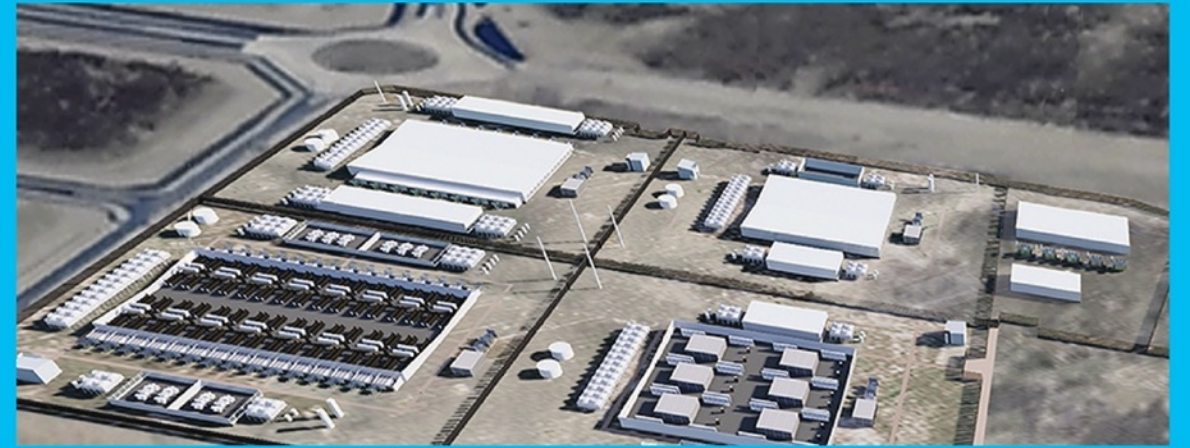


WATERSTOFECONOMIE IN ROTTERDAM



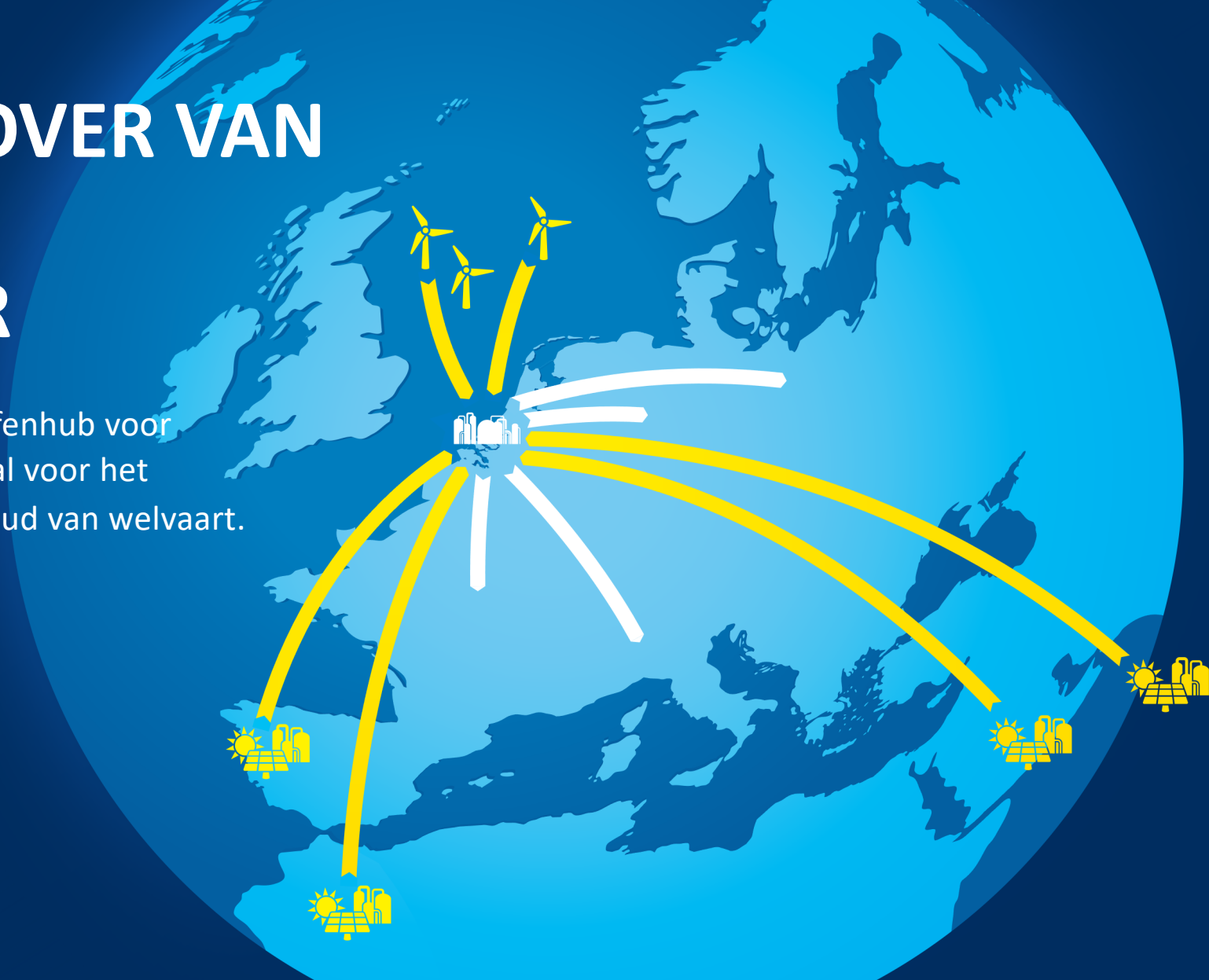
De locaties zoals afgebeeld zijn naar schatting.

ELECTROLYSERS MAASVLAKTE



EUROPA STAPT OVER VAN FOSSIEL OP HERNIEUWBAAR

Rotterdam is dé energie- en grondstoffenhub voor Noordwest-Europa en daarmee cruciaal voor het slagen van de energietransitie én behoud van welvaart.



EXISTING AND NEW INFRASTRUCTURE

Utilise existing infrastructure, with new infrastructure required along the East-West axis

TRILOG ROUTE

GASUNIE HYDROGEN BACKBONE

- Reserved for H₂

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PIPELINE CORRIDOR

- Route according to Structural Perspective on Pipelines
- LPG, CO₂, H₂ Rotterdam-Chemelot
- CO₂, H₂ Rotterdam-North Rhine-Westphalia
- CO₂ pipeline could be converted to H₂ in the longer term



PIPELINE BUNDLE ROUTE



Hydrogen, CO₂ and
product pipelines

Opportunities to create added
value in intermediate regions

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STARTMOTOR

PROJECTEN VOOR DUURZAAM VERDIENVERMOGEN
EEN IMPULS IN ROTTERDAM RESONEERT IN HEEL NEDERLAND



Energietransitie
Bereikbaarheid
Circulaire economie
Digitalisering

- De haven zorgt voor **385.000 banen** & **6,2% BNP**.
- Publieke **investeringen** infrastructuur (€1-1½ miljard) leiden tot veelvoud private investeringen (€4-5 miljard).
- Lopende projecten zorgen voor **20-25%** van de nationale **CO₂**-reductieopgave (2030), minder **stikstof** & schonere **lucht**.



WERK-
GELEGENHEID



ECONOMISCHE
VERNIEUWING



MINDER
CO₂ UITSTOOT

A large offshore oil rig is being lifted by two massive cranes at a port. The scene is set at sunset, with a vibrant orange and yellow sky. The rig is illuminated with bright lights, and its reflection is visible in the water. In the background, a line of wind turbines and other port infrastructure are visible.

THANK YOU FOR YOUR ATTENTION

Nico van Dooren
Director New Business - Port of Rotterdam

