

# Main results from the CCNR studies on the financing of the IWT energy transition

Virtual Ministerial Conference “Inland Waterway Transport – Key to the Green Deal”, hosted by the German EU Council Presidency, 20 November 2020

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**Many technological solutions available to realise the energy transition of the sector away from diesel!**

Possible solutions: Hydrogen, Battery, Fuel cell, Biomethanol etc...



➤ Means higher investment and operational costs

➤ Different fuels with different levels of technology maturity

➤ Need for appropriate bunkering facilities and a land infrastructure



## HOW TO SUPPORT THE NEED FOR TECHNICAL INNOVATION?

Requires regular updates of technical requirements for vessels

CESNI can provide support with technical standard

Ongoing CCNR studies

Intermediate results available and final results foreseen by Summer 2021





**A long and complex transition towards zero emission in 2050: pathways must be promptly identified to provide best suited support**

- Need for sufficient time to realise the transition: not a sudden and immediate shift
- Need for transition pathways : no “one-size-fits-all” solution

*Largely eliminate by 2050*



*Air pollutants*  
*GHG*



## HOW TO SUPPORT THE TRANSITION ?



Mannheim ministerial declaration sets emission reduction objectives by 2035 and 2050 and tasked CCNR to draft a roadmap

Studies and roadmap as essential CCNR input to support initiatives at EU level

All available means must be deployed: economic, technical and regulatory



**Important financial gap must be bridged to realise the energy transition!  
More than €10 billion necessary “just” in investment costs to reach zero-emission!**

## FINANCIAL SUPPORT NEEDED



**Sector cannot finance the energy transition by own means**

**Current framework conditions = no incentive for vessel owners to invest in “greening”**



**Need for a European funding & financing mechanism**

- **suitable dedicated grants and financing instruments for IWT**
- **possibility to introduce a market-based scheme with a labelling system ?**

## HOW CAN THE CCNR HELP?

**An international platform for exchange with expert competence in IWT**

**Active contribution to key European initiatives (STEERER, NAIADES III, PLATINA3 ...)**



# **WISH TO LEARN MORE ABOUT THE CCNR « GREENING » STUDIES?**

YOU CAN CONSULT OUR WEBSITE:  
<https://ccr-zkr.org/12080000-en.html>

## **ANY QUESTIONS?**

OUR EXPERTS WITHIN THE CCNR AND ITS  
SECRETARIAT ARE ALWAYS AVAILABLE



THANK YOU VERY MUCH FOR YOUR ATTENTION

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