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(secretary Nautical Technical committee IWT)
(secretary Infrastructure committee IWT)

How it started with shore power

- In the 1970s
- Shore power in the shipyards
- Start with emission and noise reduction



Starting in 2008

- In 2008 shore power started for free
- 1 March 2010 shore power paid in Rotterdam
- Problems since 2010
- Earth leakage switch; expensive isolating transformer solution



Most common problems

- Uniformity in connections
- Outdated equipment ship/shore power box
- Earth leakage switch not reset from outside box
- Problems with the app
- Problems in recent years



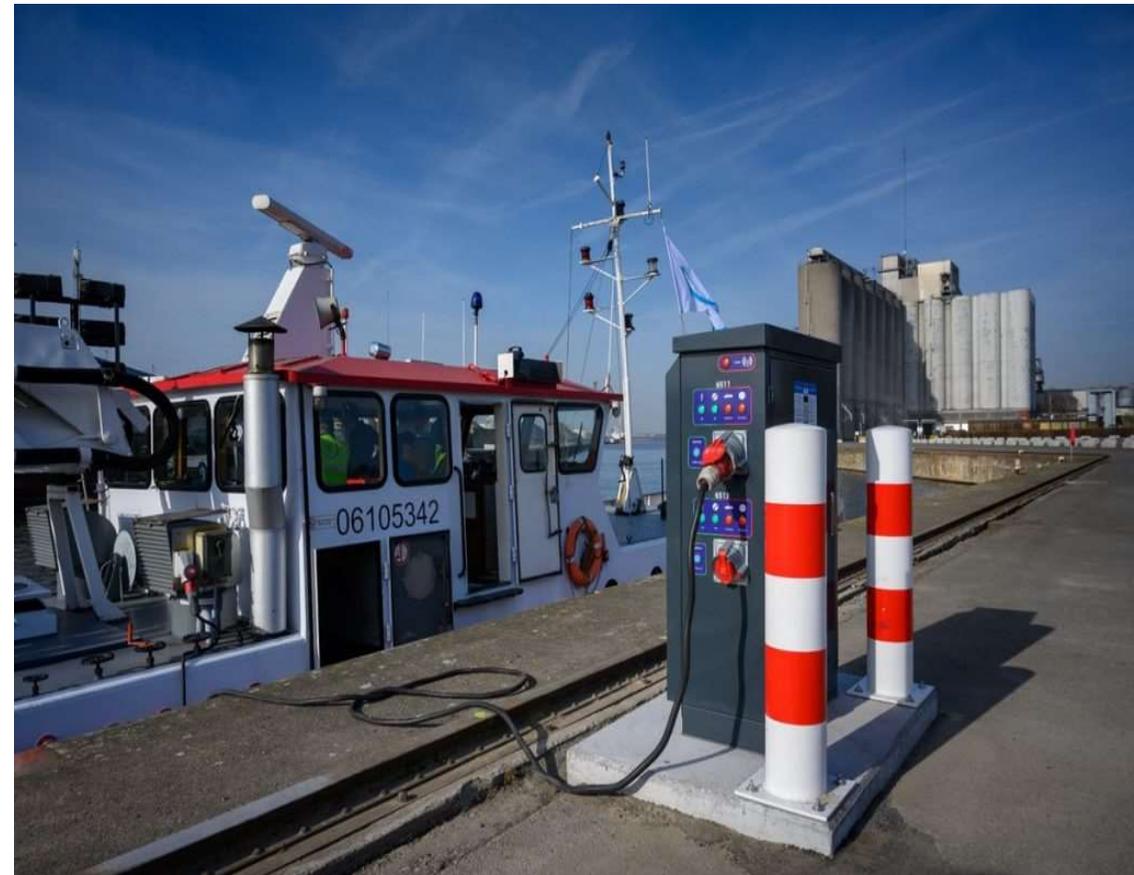
What to look out for?

- Sufficient connecting points in the shore power box
- 32 or 63 Ampere
- Heavy cables to work with on board of the ships
- Uniform connections
- Costs and payment
- Helpdesk available 24/7



Small inventory

- Connect4shore: 2100 boxes for shore power
- 55 cities in the Netherlands and Belgium
- walstroom.eu: 1200 boxes for shore power
- 35 cities in the Netherlands, Belgium, France and Germany



Why shore power is necessary

- Inland shipping must be green
- Green Deal
- Reduction Co2 and emission, must be 10% lower compared to 2015
- Maintain mooring places in urban areas
- Electrification of inland shipping ships
- Video pilot project mobile shore power in Rotterdam



Thanks for your attention



Do you have any questions?

