

The background of the slide features a photograph of a large ship, possibly a cargo vessel, on the water. The ship is partially obscured by a large teal-colored rectangular overlay that covers the right and central portions of the image. The ship's deck and some structures are visible on the left side of the frame.

CLYDE&CO

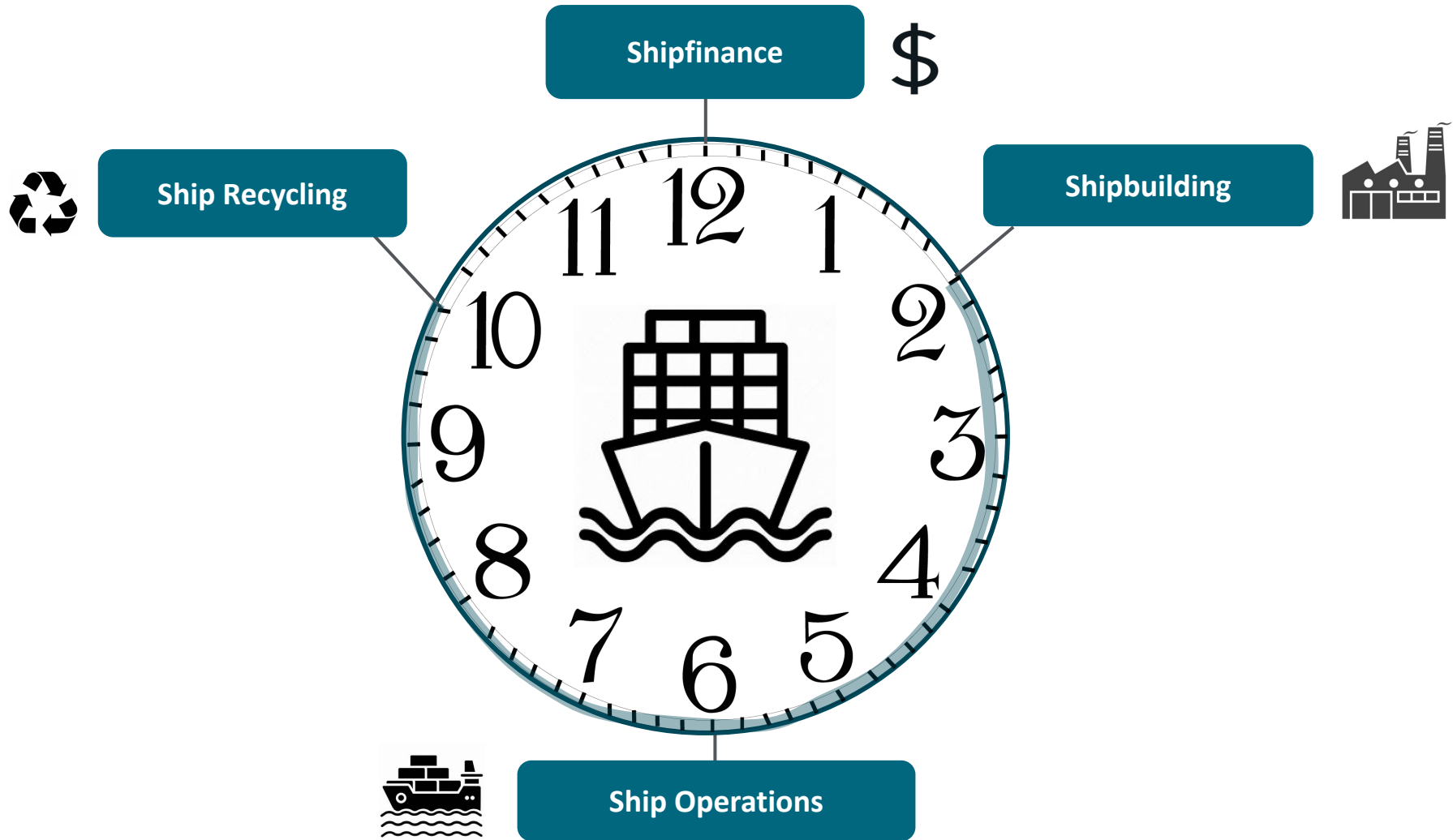
# The Lifetime Cycle of a Ship

IFLOS Summer Academy – 17 August 2023

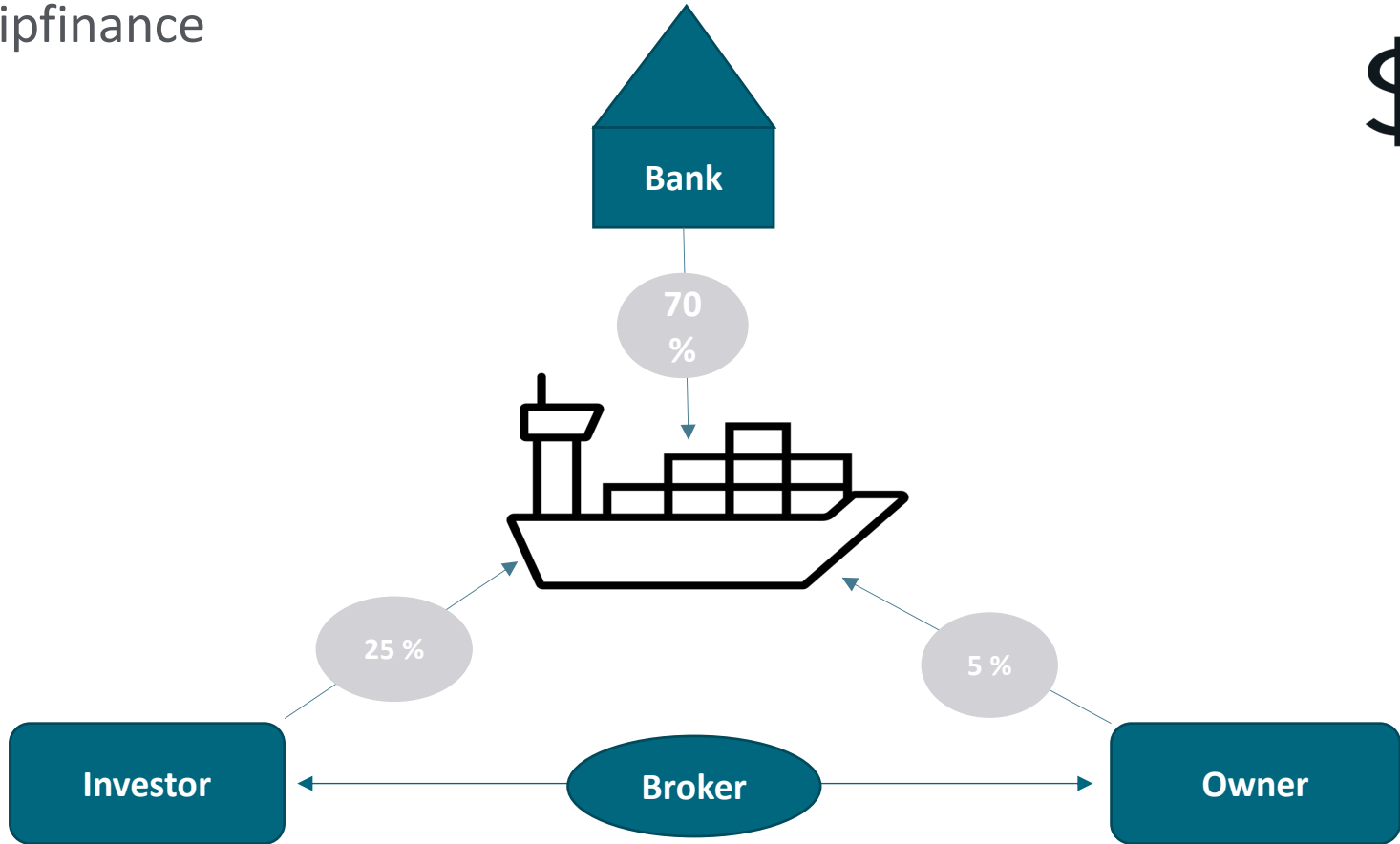
Dr Eckehard Volz, LL.M.

# General Overview

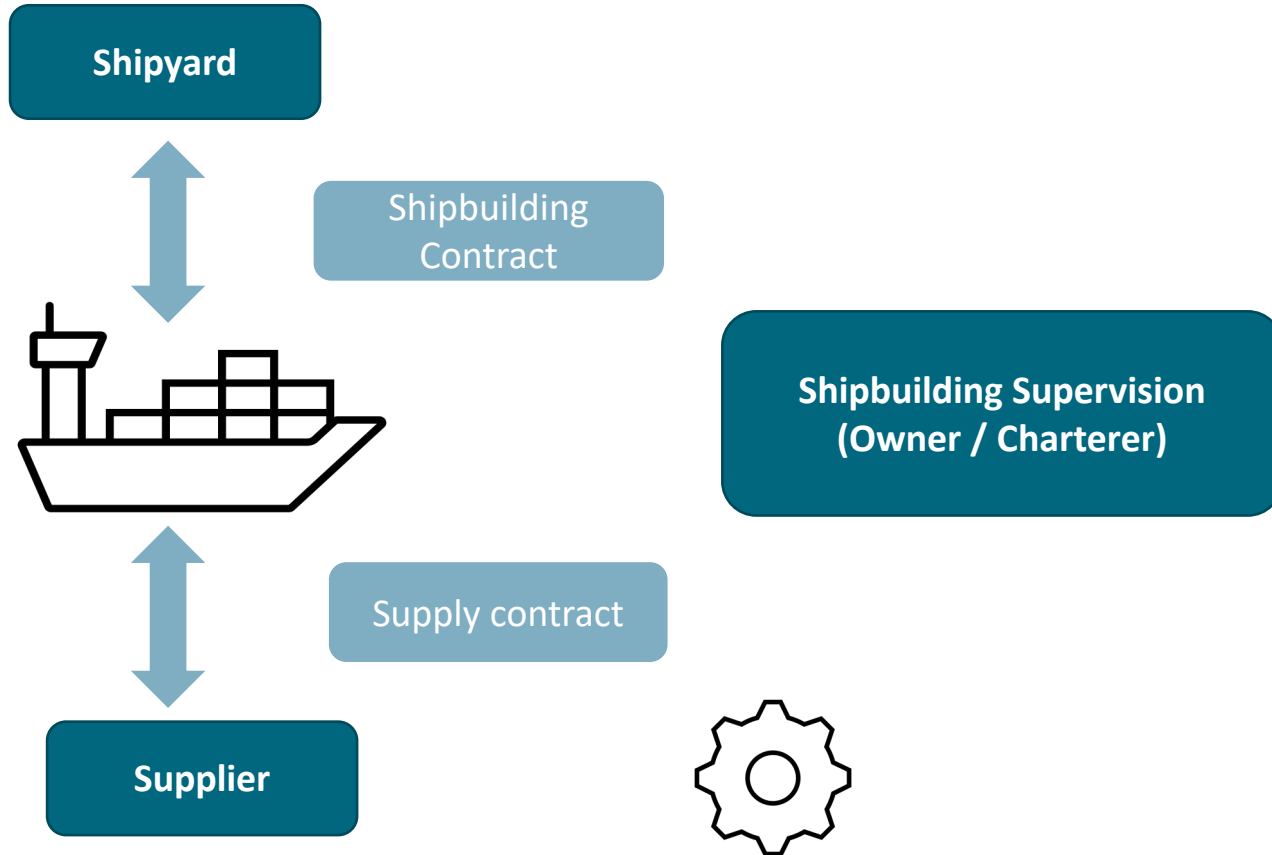
- World merchant fleet in 2022: < **58,200** vessel
  - With an average age of **21.29** years
- Share of goods in cross-border trade (based on weight) transported
  - By sea: approx. **90%**
  - By road/rail: approx. **10%**
  - By air: approx. **1%**
- Shipping's share of global CO<sub>2</sub>-emissions: **10.6%**
- Jobs provided by the maritime industry (directly and indirectly)
  - Germany: **450,000** (2018)
  - Greece: **200,00 to 300,000** (2014)
  - Globally: unknown, but already nearly **1,9000,000** seafarers worldwide



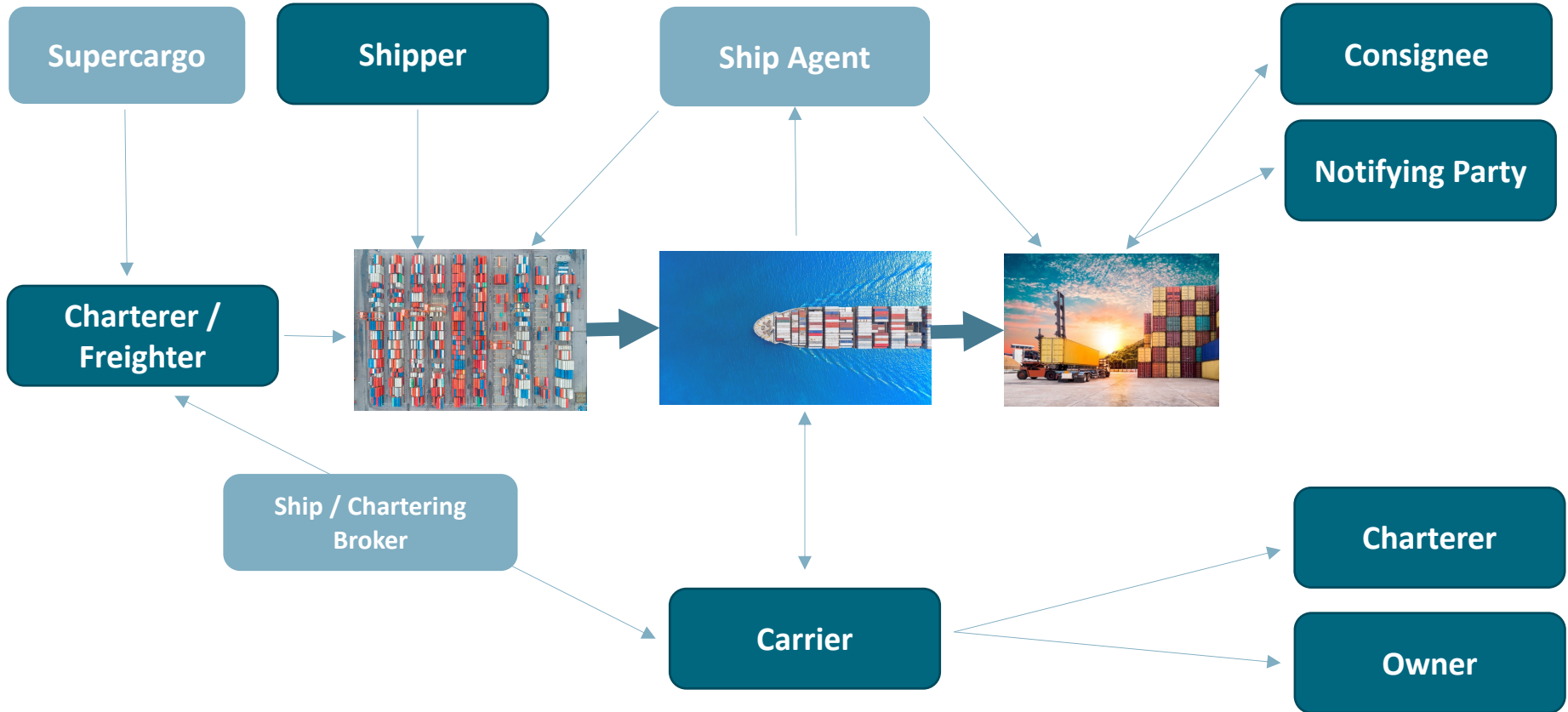
# I. Shipfinance



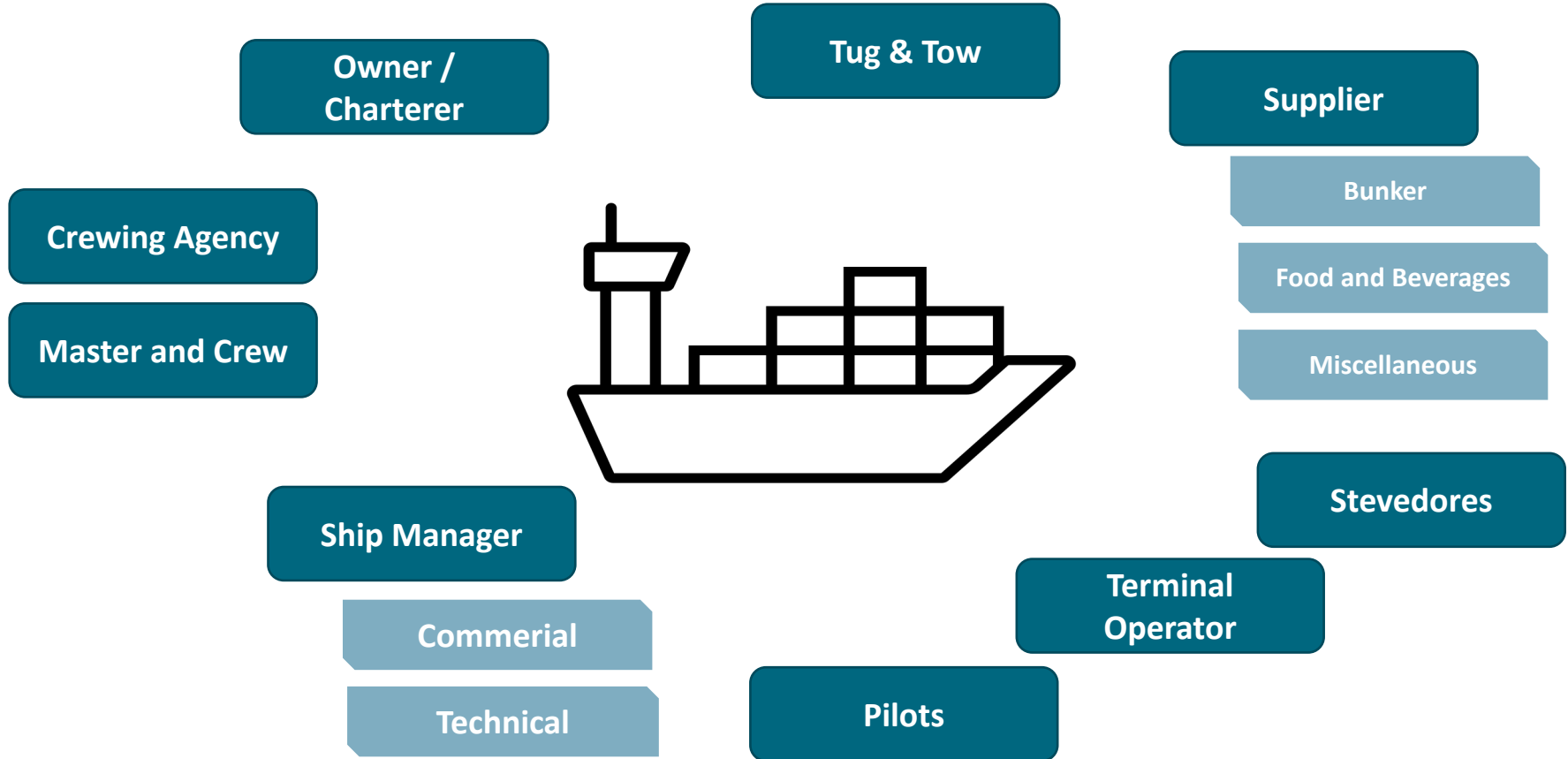
## II. Shipbuilding



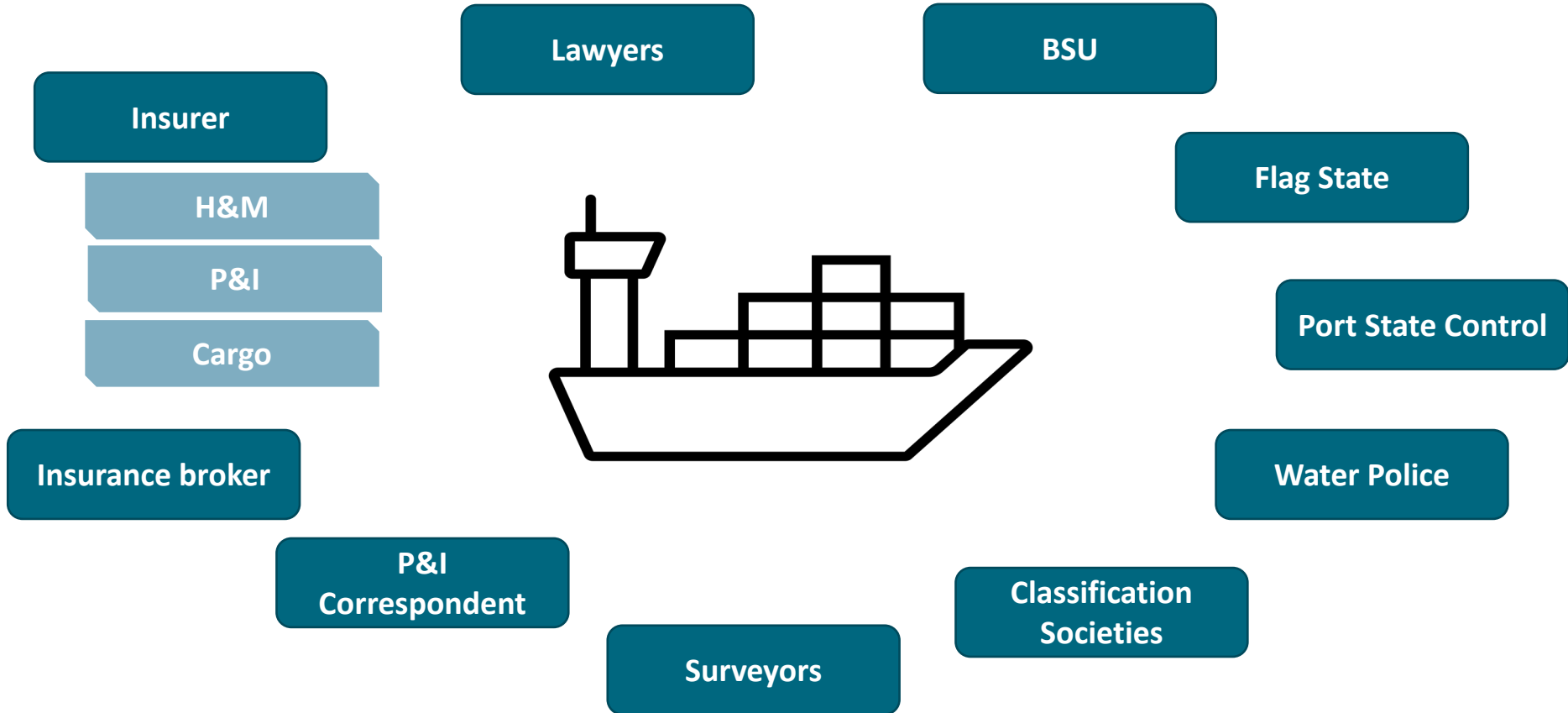
### III. Ship Operations – Contract of Carriage



### III. Ship Operations – Commercial Overview (1)

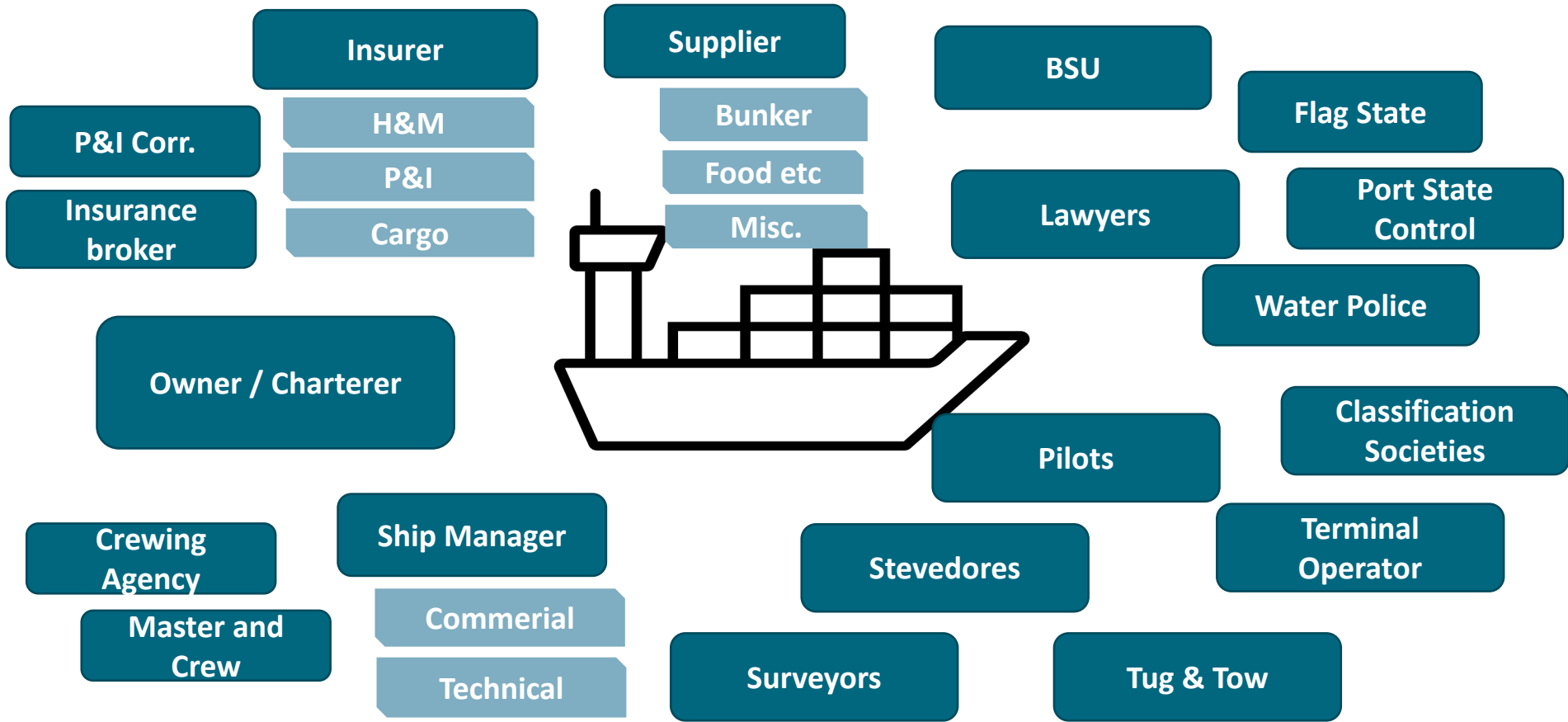


### III. Ship Operations – Commercial Overview (2)



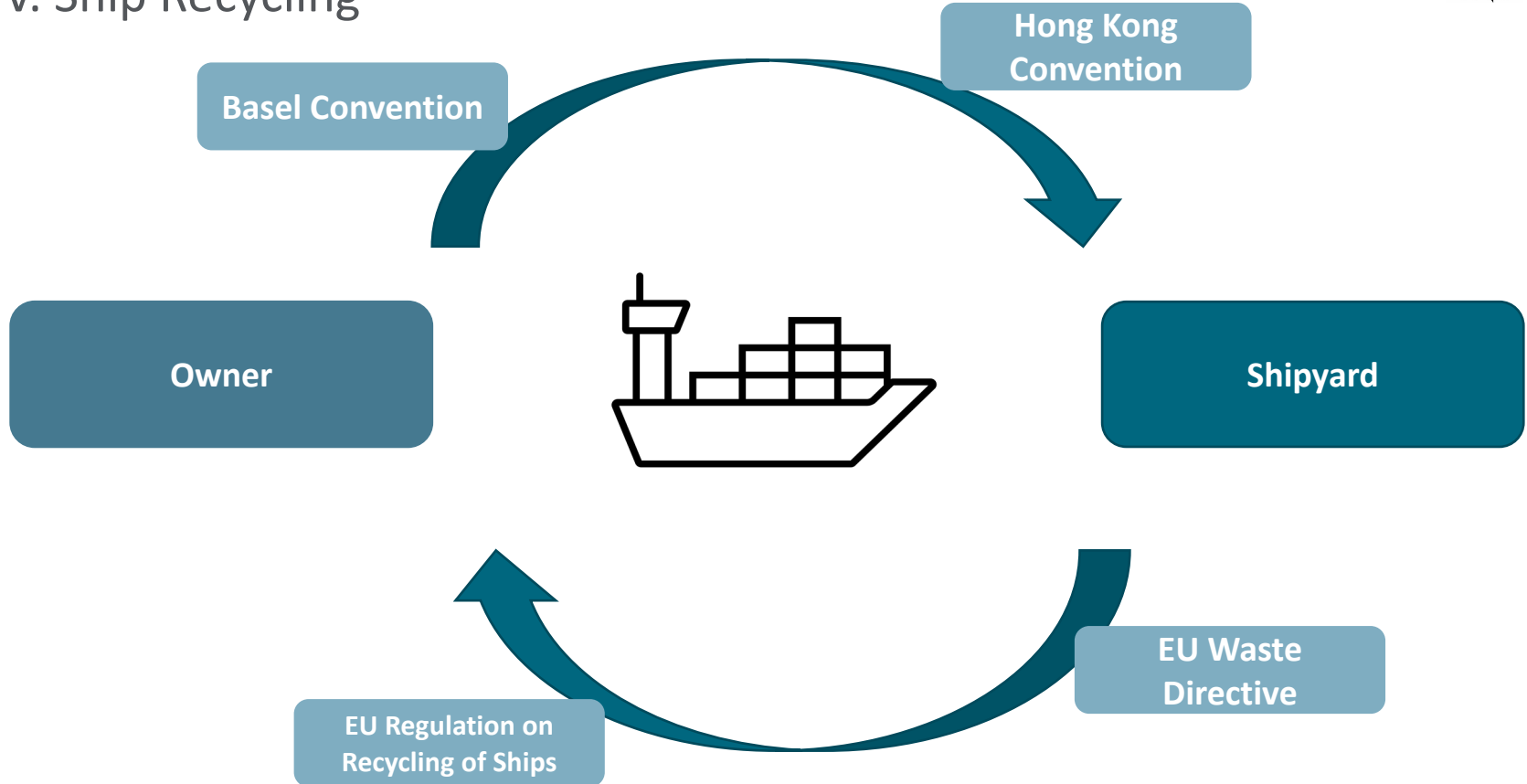


### III. Ship Operations – Commercial Overview (3)





## IV. Ship Recycling



# Thank you for your attention.

Clyde & Co LLP accepts no responsibility for loss occasioned to any person acting or refraining from acting as a result of material contained in this summary. No part of this summary may be used, reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, reading or otherwise without the prior permission of Clyde & Co LLP  
© Clyde & Co LLP 2023

Dr Eckehard Volz, LL.M.

[Eckehard.Volz@clydeco.com](mailto:Eckehard.Volz@clydeco.com)

**Clyde & Co LLP**

[www.clydeco.com](http://www.clydeco.com)