

# Geospatial World Forum 2026

Hydrospatial Infrastructure and Blue Economy

## Smart Ocean Governance Through Data Integration

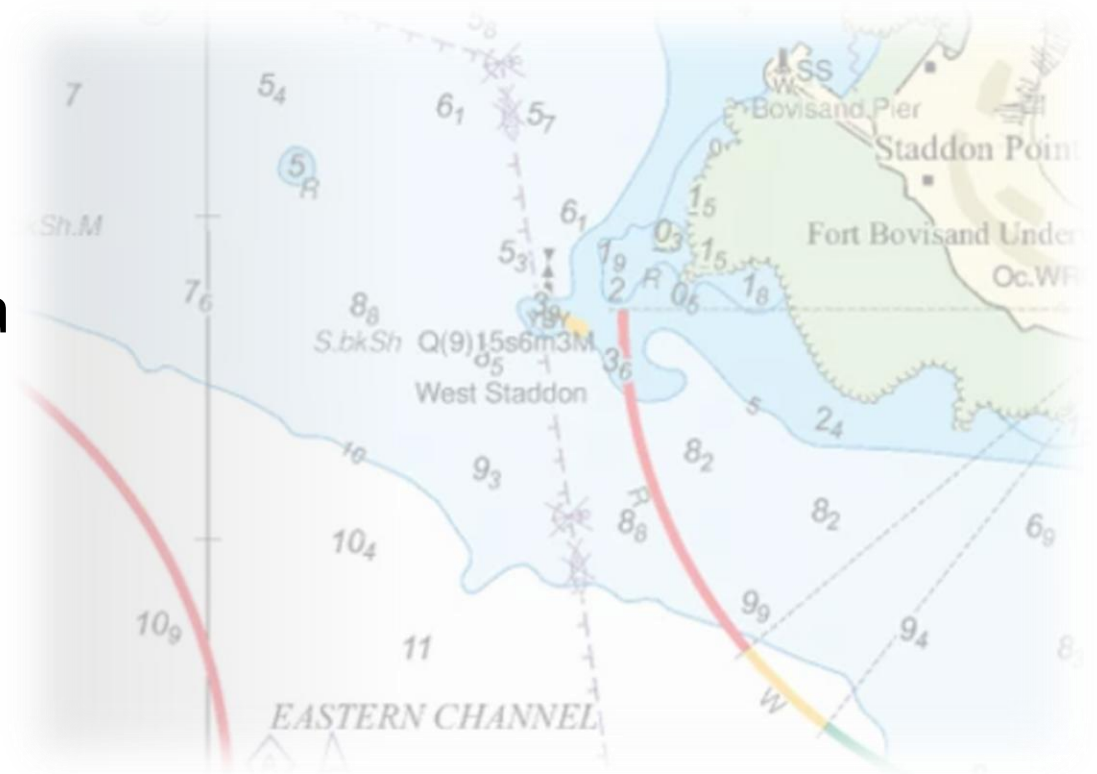
Speaker:

Friedhelm Moggert-Kägeler



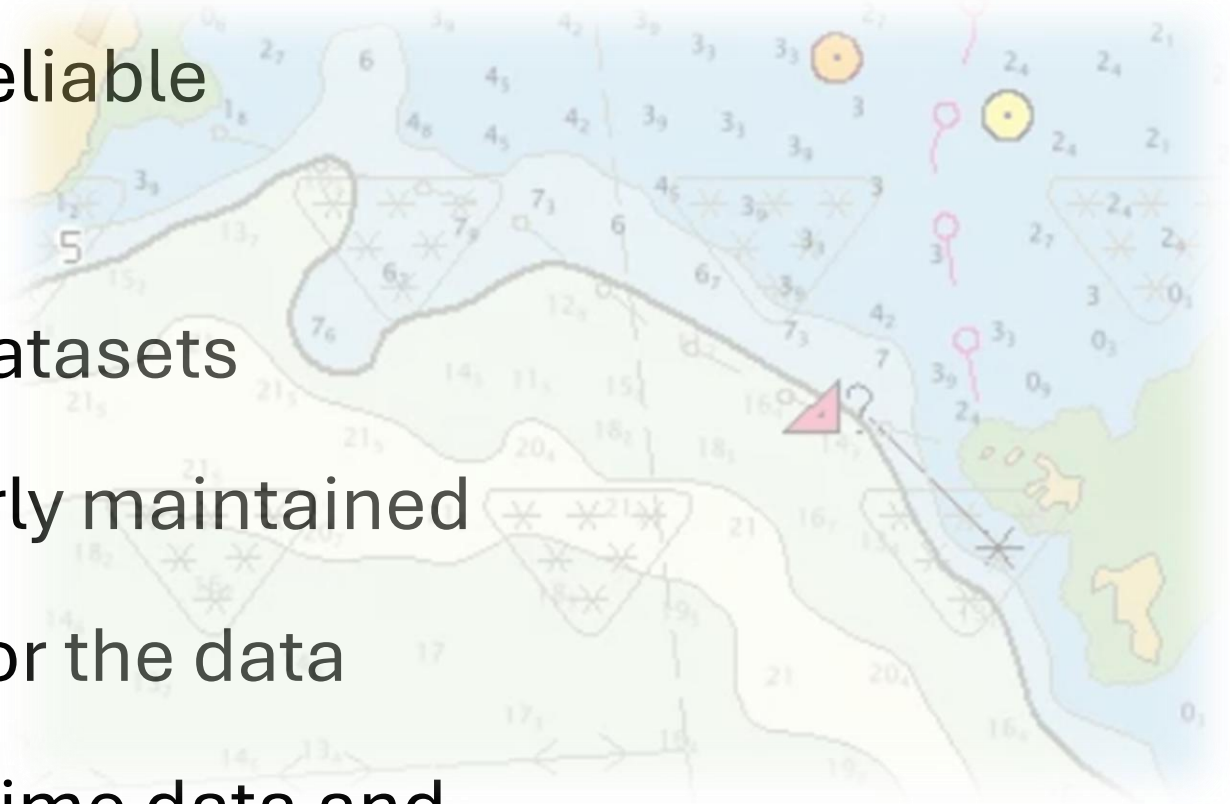
# Smart Ocean Governance

- Hydrographic and ENC production background
- Focus on practical use of marine data
- Governance = decisions, rules, responsibilities
- Data needs to be trusted and usable
- Integration is only useful if foundations are solid



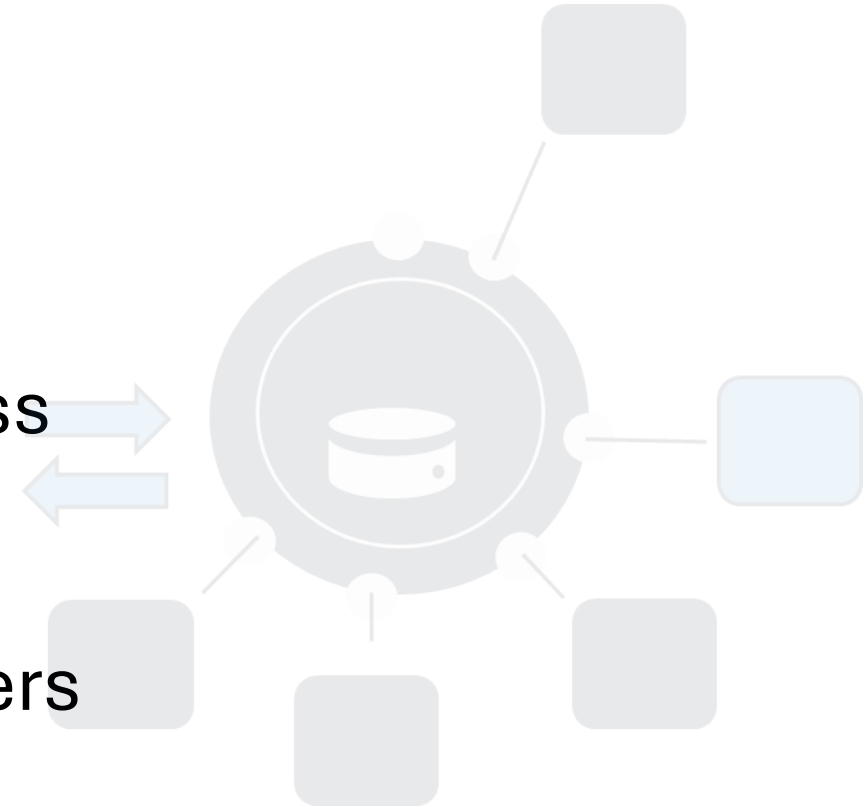
# Trusted base data

- Ocean decisions depend on reliable information
- ENCs are legally recognized datasets
- Quality-controlled and regularly maintained
- Clear national responsibility for the data
- Still the basis, even with real-time data and analytics



# Interoperability

- Interoperability enables governance
- Not only a technical objective
- Allows datasets to be combined across systems
- Works across organisations and borders
- Trust and accountability must remain intact



# Governed data sharing

- Data integration needs clear rules
- Authoritative data must stay authoritative
- Defined rules for production and maintenance
- Clear conditions for data use
- Sharing without losing safety or sovereignty



# Key takeaway

- Smart governance needs strong foundations
- Reliable and authoritative datasets
- Governed data sharing
- Real interoperability
- Enables monitoring, analytics, and policy support

