



TNO's view on EMODnet

Webinar - EMODnet

A decade of achievements
connecting marine data to knowledge

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TNO
Innovation for Life

TNO The Netherlands Organisation for Applied Scientific Research

Mission

- Innovation for Life
- RTO to increase competitive strength of industry and well-being of society in a sustainable way

Nine application areas:

1. Buildings, Infrastructure & Maritime
2. Circular Economy and the Environment
3. Defense, Safety and Security
4. Energy
5. Healthy living
6. Industry
7. Information & Communication Technology
8. Strategic Analysis & Policy
9. Traffic and Transport



TNO's EMODnet users and applications



Stakeholders/clients:

- Governmental institutions
- Industry

Applications:

- Energy Transition > wind farms, solar energy
- Safety: coastal erosion, sea level rise, storms
- Marine Spatial Planning
- Resources > the EU needs to be self-sufficient again; renewable energy, minerals



EMODnet: International Multidisciplinary Collaboration



Before EMODnet	With EMODnet
Analogue data	Digital data
Transnational collaboration	International Pan-European collaboration
Decentralised	Centralised; one-stop shop, multidisciplinary
Depending on personal contacts	Immediate/easy access to international data
Descriptive	Explanatory and predictive
Less detailed	More detailed/scalable
	Move towards AI use for e.g. pattern recognition and intelligent decision-making





www.emodnet.eu

Your gateway to marine data in Europe

