

### At the Seefischmarkt on Kiel's East Shore, a unique platform for marine research has been created.

With the move to the new extension building starting in Autumn 2023, a plan that was already present in 2004 at the founding of IFM-GEOMAR from the Institute for [IfM] on the western shore of the Kiel Fjord with the GEOMAR Research Centre for Marine Geosciences on the eastern shore becomes reality: All four research divisions, administration and central facilities are united in one location and will be able to cooperate more easily across disciplines according to the strategy GEOMAR 2030.



#### Facts about the new extension building

- **5 towers**, length: 128m, width: 63m, height up to 2 m
- **Usable area:** about **15,500 square metres**
- **21 conference and meeting rooms**
- **230 offices** for about **500 employees**
- **166 laboratories** and **18 climate chambers**
- **Seawater pipeline** (under construction): **approx. 1.4 km**
- **5 Seawater basins** (200 cubic metres)
- **2 berths for research vessels**
- **Public marine science library**
- **Computer centre** with currently five petabytes of storage space
- Total costs: about **140 Million Euro**



#### Facts about Energy efficiency

- **Connection to district heating supply** of the city of Kiel
- **Purchase of green electricity**
- **Smart facade** (natural ventilation, external sun protection, concrete as passive heat storage)
- **Photovoltaic systems** on the car park (summer 2024)
- **Sustainable construction: quality standard analogue to "silver"** (certification according to the Assessment System for Sustainable Building [BNB] of the German Federal Ministry of Housing, Urban Development and Building)
- **Energy management system** in accordance with ISO certification 50001 being implemented



#### Facts about the Core and Rock Repository

- Cooling of the drill cores at **+4°C**
- **2 cooling cells** for frozen samples at **-20°C**
- Storage area: **1,550 cubic metres**
- Floor space: **900 square metres**
- Sediment core capacity: **40 kilometres**
- **1 sampling laboratory**
- **1 office room**



#### Facts about the GEOMAR parking facility

- **169 car parking spaces**
- **103 bicycle parking spaces**, (approx. **300** additional bicycle parking spaces in summer 2024)
- **6 parking spaces** for trailers and cargo bikes
- **8 charging stations** for e-bikes
- **Repair station**
- **Photovoltaic system** on the roof (summer 2024)

