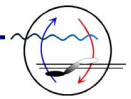
The Call FP7-OCEAN-2011-2

Marine microbial diversity – new insights into marine ecosystems functioning and its biotechnological potential

- **Overall Objectives**
  - Better understanding of the microbial **BIODIVERSITY** and **functions** in the **marine ecosystem** -> ecosystems biology
  - Build capacities for the interpretation of the flood of data from large scale sequencing approaches in their environmental context
  - IPR: Protection and sustainable use of marine genetic resources
- **BIOINFORMATICS**
  - Standardization, quality management, processing, interoperability, **integration**, accessibility, interpretation -> **software tools**
- **BIOTECHNOLOGY**
  - Explore functions by targeted laboratory experiments -> leading to manifold **applications**

MICRO B3

Biodiversity. Bioinformatics. Biotechnology.



WP 2
Exploring
Ecosystems Biology

WP 3
Oceanography

WP 1
Management

WP 4
Bioinformatics, Standards,
Data Integration

WP 7
Training,
Outreach

WP 6
IPR

WP 5
Function,
Biotechnology

Involvement of stakeholders, esp. companies

Status

- Core consortium assembled
  - Around 15 partners from 10 countries
- Open for strong partners
  - Function/Biotechnology
  - SME/Industry

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