

MarineBiotech



ERA-NET Preparatory Action in Marine Biotechnology (CSA-MBt)

Marine Biotechnology in the European Research Area:
Challenges and Opportunities for Europe
Brussels, 11-12 March 2013

Steinar Bergseth - Research Council of Norway

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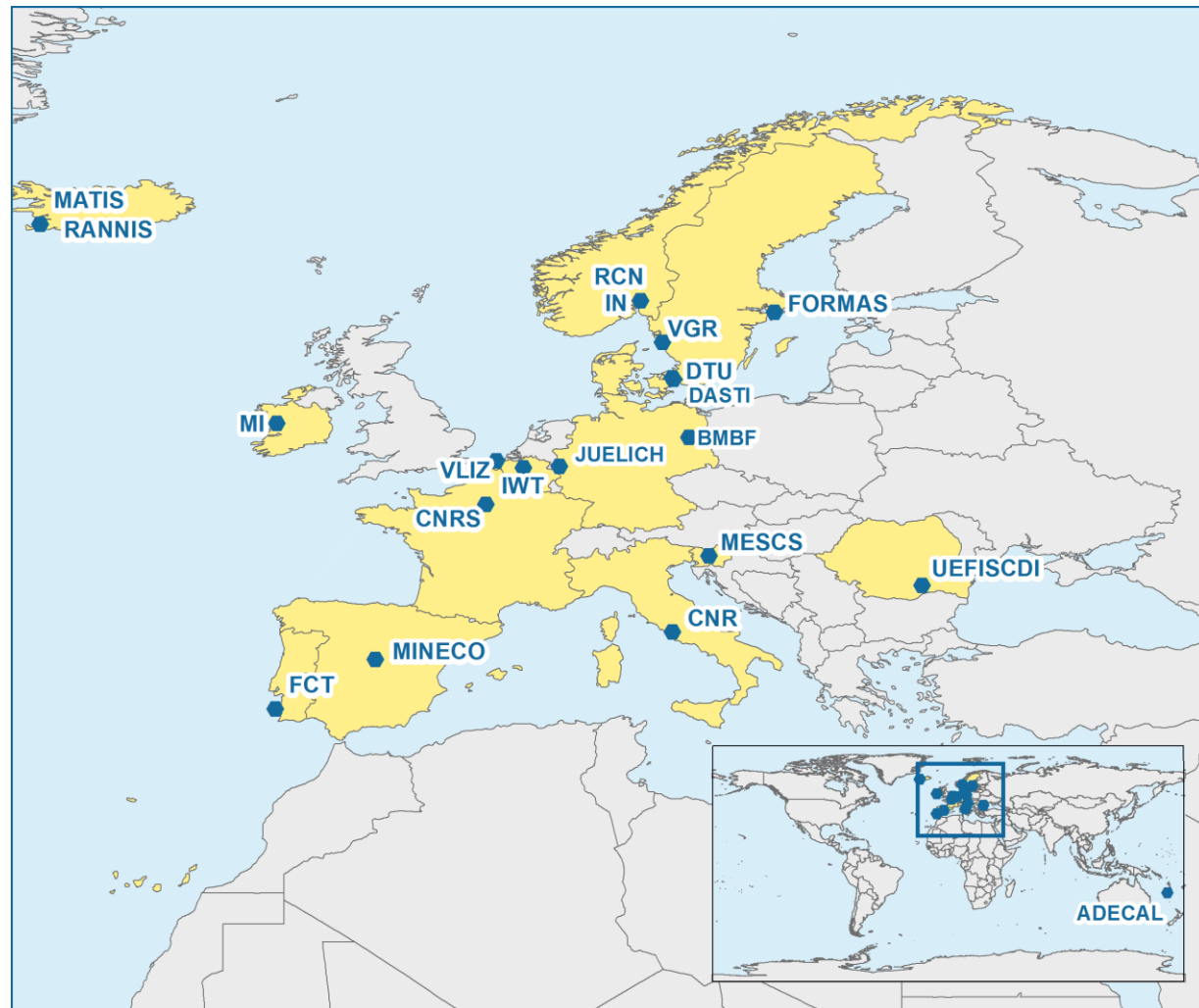
Steinar Bergseth
Coordinator: The Research Council of Norway



Towards an ERA-NET MarineBiotech?

28.02.2013

20 partners in
14 countries
applied to the
ERA-NET call from
FP7.



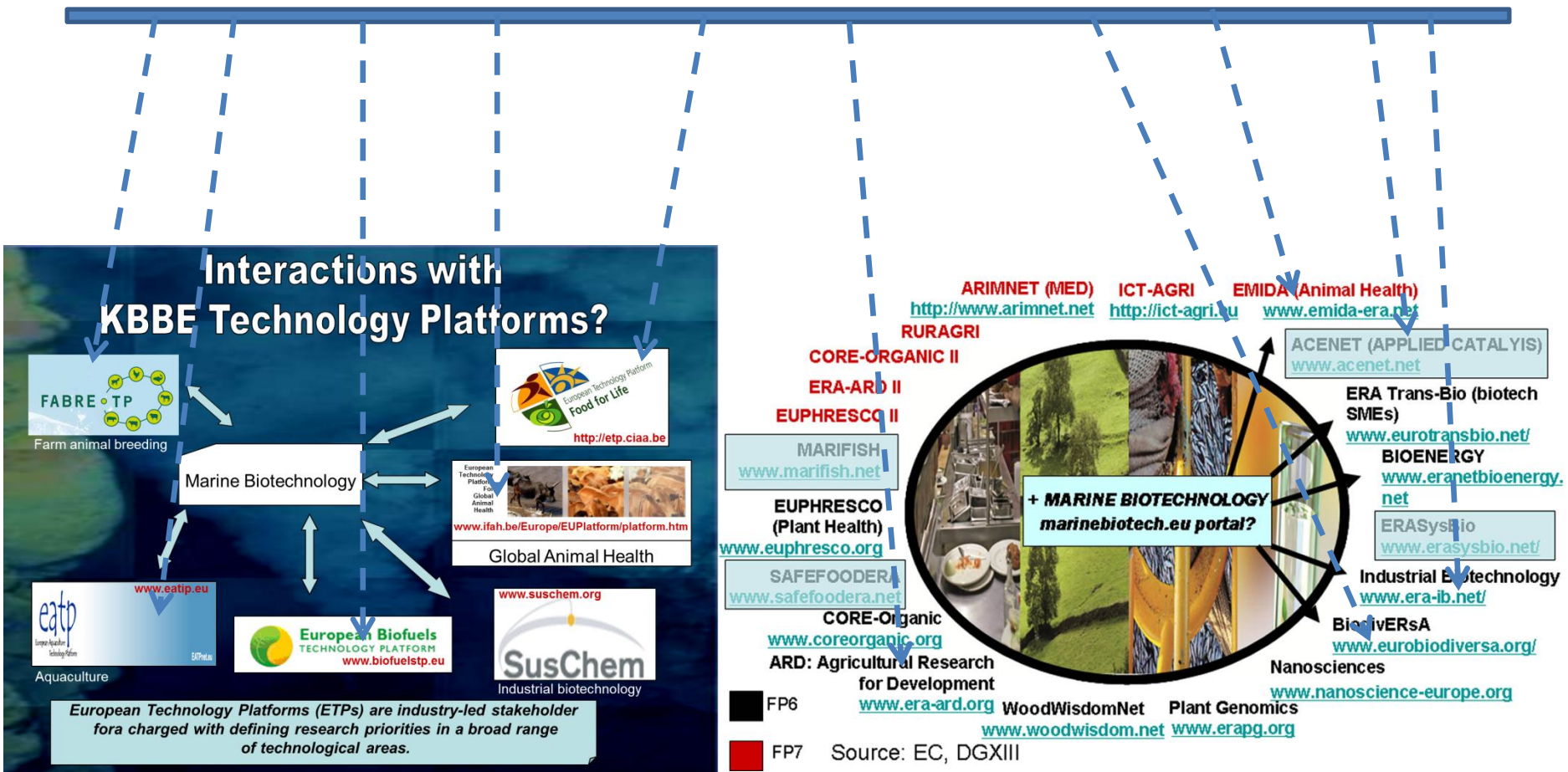
What is Marine Biotechnology?

... the use of marine bioresources as the target or source of biotechnology applications (OECD)

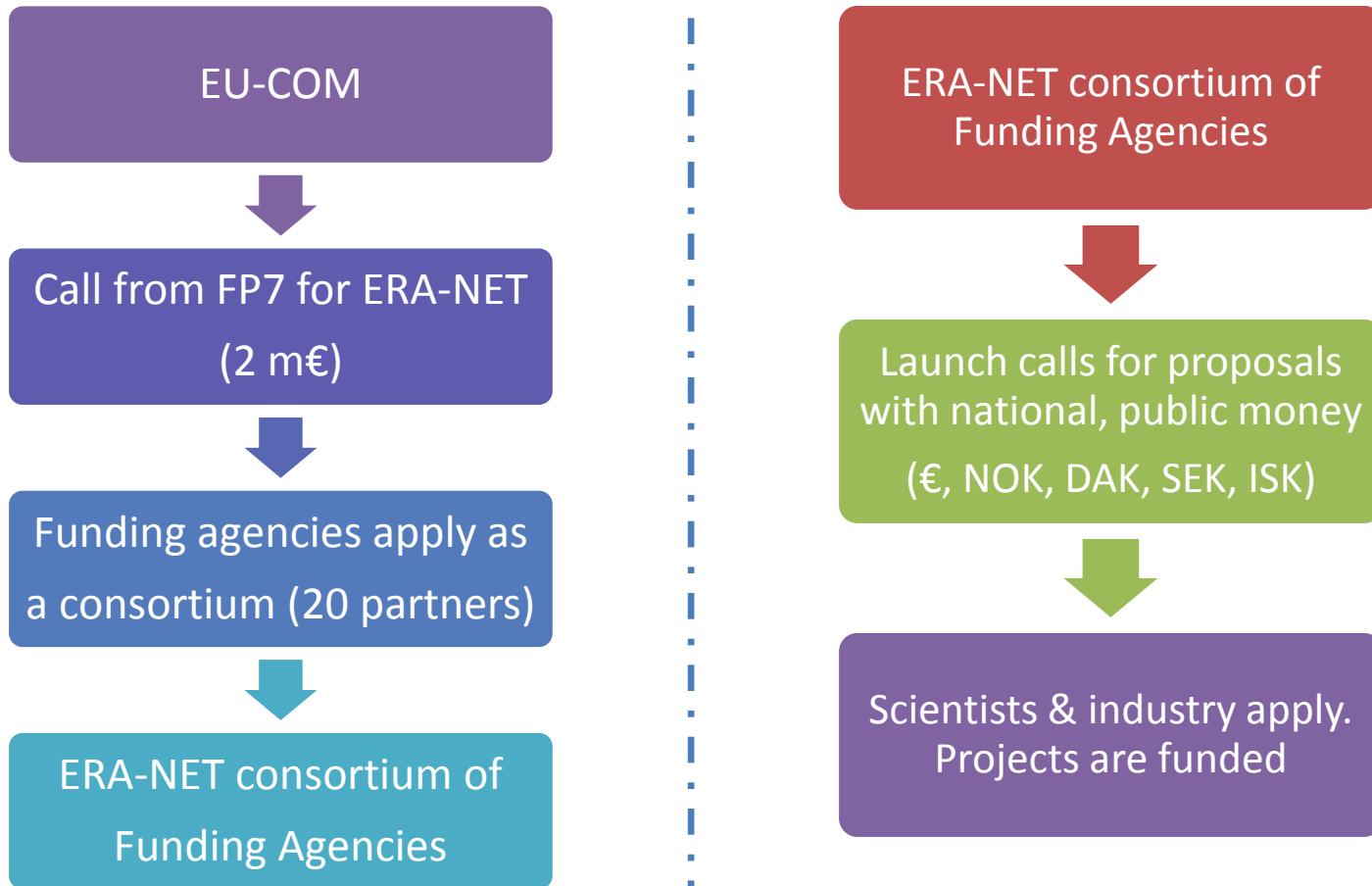


ERA-MBT operations...?

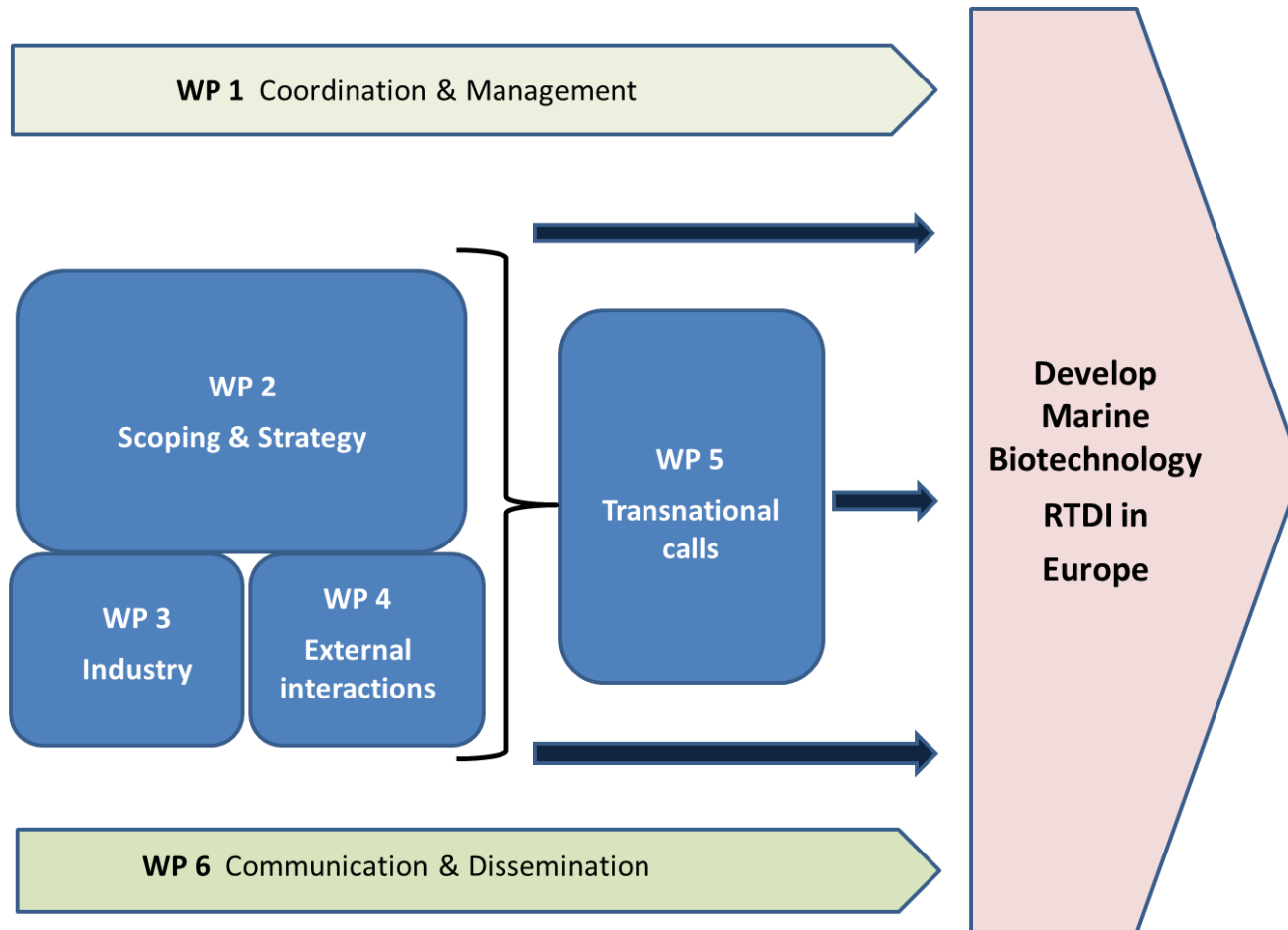
ERA-MBT: A technology provider enabling developments in thematic R&D?



ERA-NET logistics

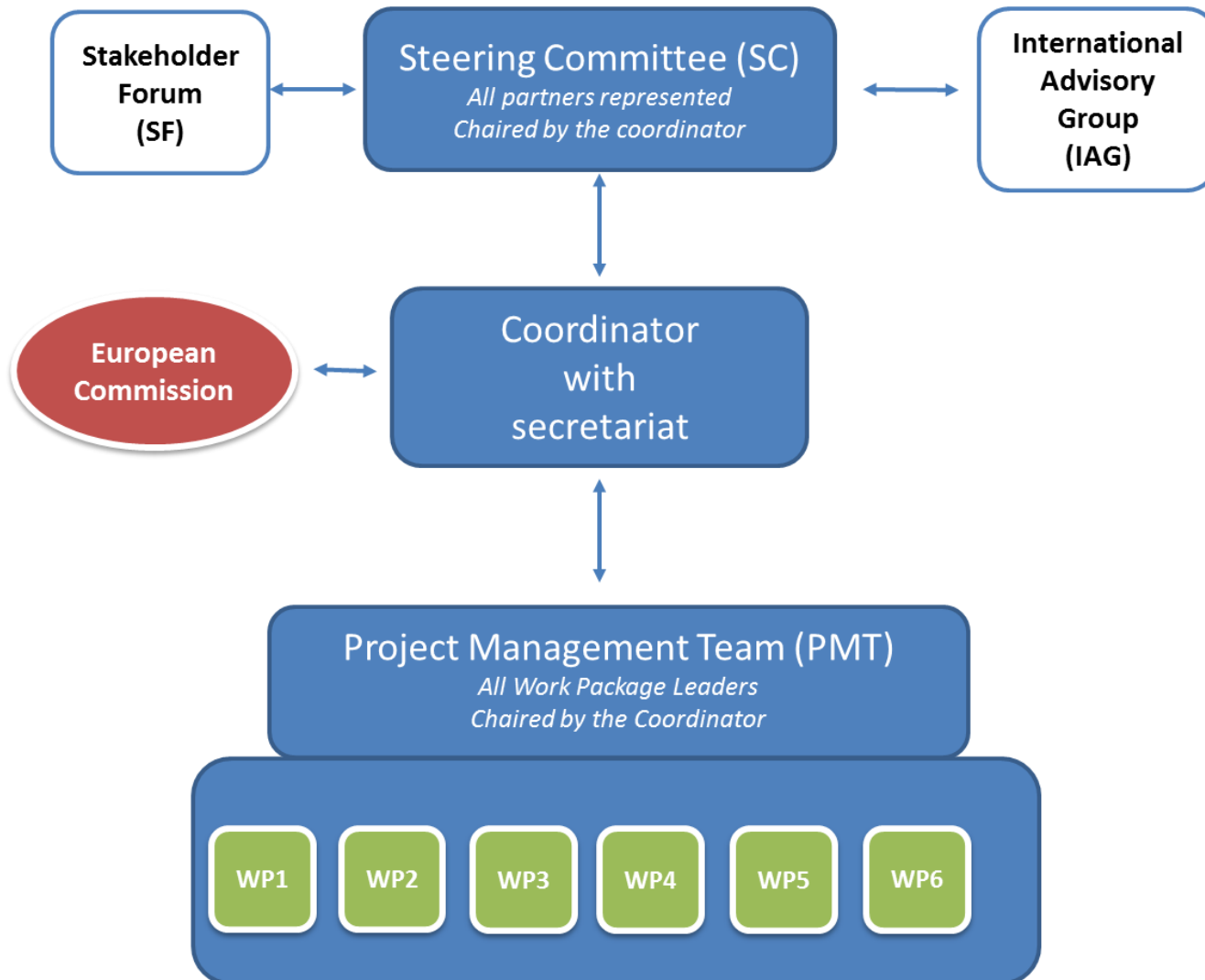


The work...



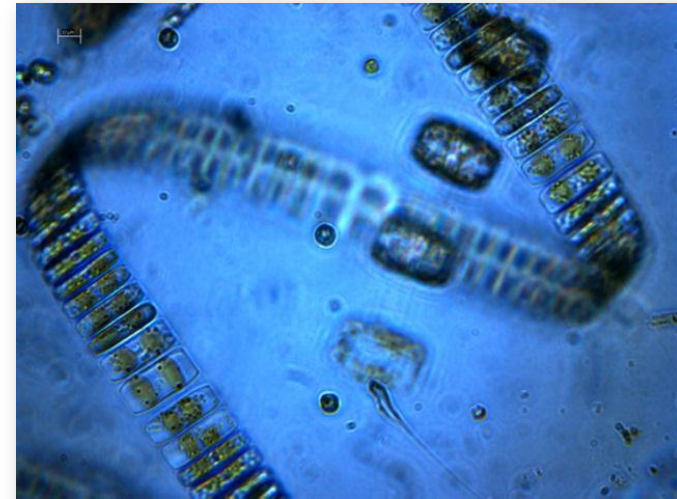
January 2014 → December 2017

ERA-MBT organisation (proposed)



Why ERA-MarineBiotech?

- Europe's marine ecosystems and organisms are:
 - Underexplored, Understudied and Underexploited.
- Europe's sea basins have an immense biodiversity supporting:
 - Food production, ecosystem services and the possibility to develop new innovations for societal benefits (energy, platform chemicals, nutraceuticals, pharmaceuticals, ...).
- Biotechnology needs to go marine!
- By sustainable development of marine biotechnology:
 - The marine ecosystems can be better understood.
 - The bioeconomy will be developed and the economical potential realised.
 - The societal requirements can be integrated as ELSA / RRI / ABS issues.
 - The Grand Challenges of our time will be addressed. (environment, food supply, health, energy).



Navicula vanhoeffenii
MabCent, Tromsø

Main objectives and structure of the ERA-MarineBiotech



- **Avoid duplication and ensure complementarities with relevant on-going and new efforts**
 - Add value to the ERA by identifying the gaps and needs for marine biotech developments.
 - Set up cooperation tools (internal & external) and pool resources to undertake joint funding of transnational projects and further increase the level of coordination.
- **Identify the hurdles and stimulate valorization from MBT.**
- **Ensure Responsible Research and Innovation (RRI / ELSA)**
- **Communicate the potential and develop a European MBT Communication Strategy**
 - The European MBT portal as a single point of entry:
www.marinebiotech.eu