Executive summary (Marine Biotechnology: Enabling Solutions for Ocean Productivity and Sustainability)

Interest in marine biotechnology has grown as a result of scientific advances that have increased our knowledge of marine biodiversity and the development of technology and tools to access and study marine organisms and ecosystems. Knowledge of marine life is expanding rapidly as new species are discovered and as the complexity and biodiversity of marine organisms and ecosystems is better recognised. Marine bioresources hold great potential as a source of novel products and processes yet remain largely untapped. The application of biotechnology to these resources may help to address the global challenges of food, energy security and health and contribute to green growth and sustainable industries. At the same time, the conditions for maintaining a sustainable relationship between the conservation and use of marine bioresources is becoming better understood.

LinkToContentAt: http://dx.doi.org/10.1787/9789264194243-2-en
Knowledge Type: Thematic report [1]
Other Tag: technological development [2]
biodiversity [3]
government policies [4]
technology diffusion [5]
productivity [6]
international cooperation [7]
innovation strategy [8]
early stage [9]
sustainable development [10]
policy challenge [11]
knowledge resources [12]
energy [13]
impact investment [14]
global challenges [15]
international level [16]
renewable energy [17]
biotechnology [18]
green growth [19]
Parent URL: http://dx.doi.org/10.1787/9789264194243-en [20]

Source URL: https://www.innovationpolicyplatform.org/document/executive-summary-marine-biotechnology-enabling-solutions-ocean-productivity-and

Links
[1] https://www.innovationpolicyplatform.org/knowledge-type/thematic-report-0
[2] https://www.innovationpolicyplatform.org/topic/technological-development
[3] https://www.innovationpolicyplatform.org/topic/biodiversity
[4] https://www.innovationpolicyplatform.org/topic/government-policies
[5] https://www.innovationpolicyplatform.org/topic/technology-diffusion
[6] https://www.innovationpolicyplatform.org/topic/productivity
[7] https://www.innovationpolicyplatform.org/topic/international-cooperation
[8] https://www.innovationpolicyplatform.org/topic/innovation-strategy
[9] https://www.innovationpolicyplatform.org/topic/early-stage
[10] https://www.innovationpolicyplatform.org/topic/sustainable-development
[11] https://www.innovationpolicyplatform.org/topic/policy-challenge
[12] https://www.innovationpolicyplatform.org/topic/knowledge-resources
[13] https://www.innovationpolicyplatform.org/topic/energy
[14] https://www.innovationpolicyplatform.org/topic/impact-investment
[15] https://www.innovationpolicyplatform.org/topic/global-challenges
[16] https://www.innovationpolicyplatform.org/topic/international-level

[17] https://www.innovationpolicyplatform.org/topic/renewable-energy
[18] https://www.innovationpolicyplatform.org/topic/biotechnology-0
[19] https://www.innovationpolicyplatform.org/topic/green-growth
[20] http://dx.doi.org/10.1787/9789264194243-en