

19th Conference of the States Parties



Science for Diplomats The Science of the Bioeconomy

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SAB Report of the Developments in S&T to The Third review Conference

(RC-3/DG.1, Dated 29 October 2012)

Director General's Recommendations

(RC-3/DG.2, Dated 31 January 2013)

Response to the Report of the Twenty-First Session of the Scientific Advisory Board

(EC-77/DG.10, Dated 5 September 2014)

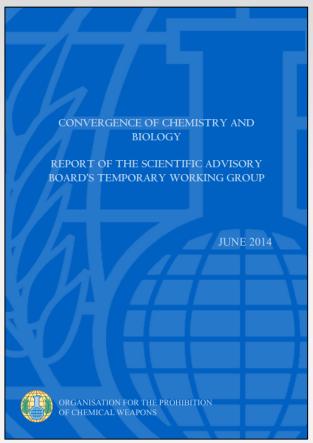
Status of the Follow-Up to the Recommendations on S&T to the Third Review Conference

(EC-77/DG.11, Dated 5 September 2014)



The Temporary Working Group on Convergence





www.opcw.org/index.php?eID=dam_frontend_push&docID=17438

(see EC-77/DG.10, Dated 5 September 2014 for Director-General response to recommendations)

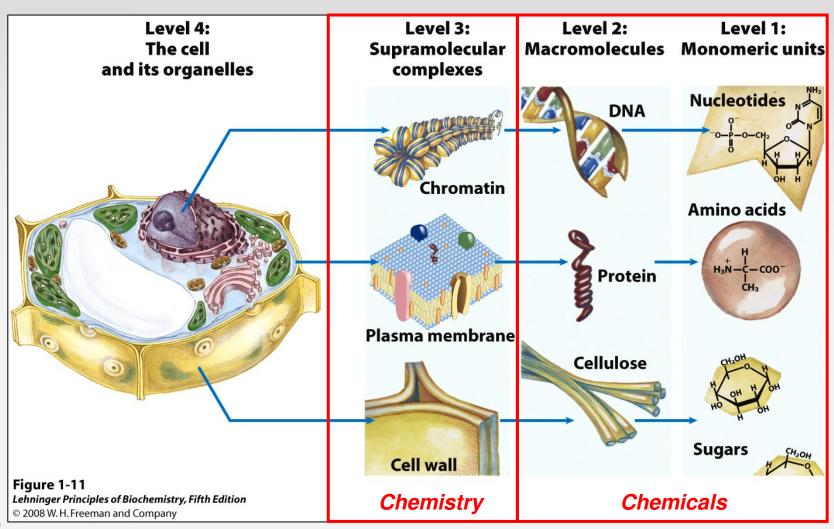


Recommendations from the TWG on Convergence

- 19 Recommendations presented in report; Status in EC-77/DG.10
- Continue to monitor advances and trends in production technologies and assess the relevance of these processes to verification under the CWC.
- Monitor advances in systems and synthetic biology, particularly in terms of enhancing the capability and capacity to synthesise more complex chemicals.
- Monitor advances in nanotechnology, particularly as they apply to improved defensive countermeasures against CW.
- Consider development of outreach materials to assist States Parties in understanding possible implications for the CWC.
- Establish a structured approach to maintain contact with the BWC community.
- Consider re-activating the TWG on Convergence periodically, in order to assess recent advances

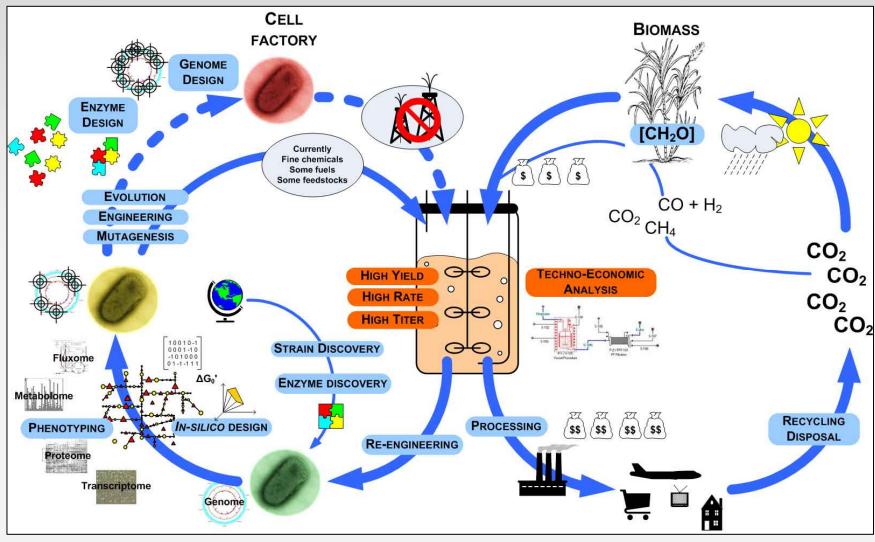


Chemistry Underpins Biology

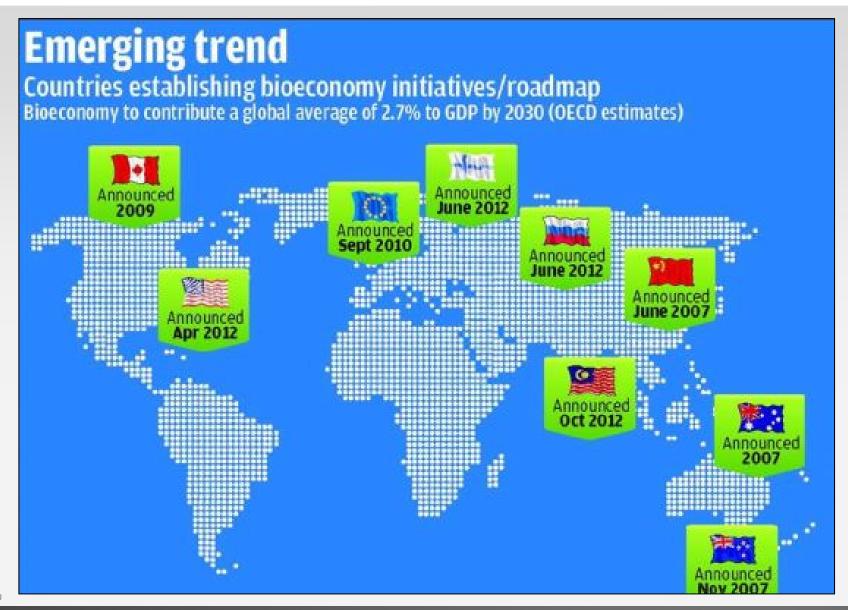




Bio-Mediated Chemical Production





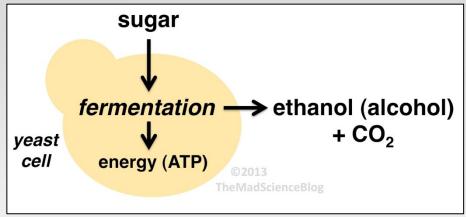




Presentation by Dr Henrike Gebhardt



Bio-Mediated Chemical Production: The Basics







S & T For Diplomats: A Series of Discussions

- March 2015 (On the margins of EC-78, To be confirmed)
 - S&T for Diplomats (4): Schedule 1 Chemicals
 - Verification related SAB recommendations
 - Low concentration limits and captive use
- June (SAB-22) or July 2015 (EC-79); To be confirmed
 - S&T for Diplomats (5): The Chemistry of Countermeasures
 - Assistance and protection related SAB recommendations
 - Immediate response and longer term considerations
- Other topics to be scheduled