



**G20 OECD-BNCT WORKSHOP**  
**Bioeconomy in the OECD countries**  
**Presidency of council of Ministers**  
**July 16, 2021**

**Panel 2:**  
**Targets and monitoring tools: towards**  
**a common framework to monitor**  
**progress in the bioeconomy**



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# **United States Bioeconomy Strategy**

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**Taking into account the context of your national Bioeconomy, what indicators (economical, environmental and social ?) are you using and would be appropriate for the corresponding monitoring?**

- The Bioeconomy Initiative Implementation Framework tracks key indicators (economic, environmental, and social). Board member agencies complete an annual or biennial evaluation, leveraging resources such as EPA reports and RFS databases; USDA's various databases, statistical services, and market reports; DOE's biomass assessments; and other data and reports.
- U.S. Administration priorities include a requirement to reach net-zero emissions by 2050. Many sectors of the bioeconomy can help contribute to emissions reduction goals and indicators measuring bioeconomy progress toward emissions targets will be a priority. Additionally, indicators that focus on environmental justice will be key to ensuring that the bioeconomy benefits all Americans including traditionally underserved communities.



How did your country tackle the challenge of accessing statistical sources of high quality, homogeneous and aggregated data for monitoring and assessing the impact of the national bioeconomy strategy?

- The “Safeguarding the Bioeconomy” report from the National Academies of Sciences, Engineering and Medicine available [here](#) recommends on page 8 “The existing North American Industry Classification System (NAICS) and North American Product Classification System (NAPCS) codes should be revised to more accurately capture and track commercial activity and investments related to the biological sciences and track the growth of individual segments of the bioeconomy”.
- The US Department of Agriculture [Biopreferred Program](#) helps to ensure that the Federal Government prioritizes purchasing of biobased materials for federal procurement and monitors the impact of that program on the U.S. bioeconomy.
- The US Department of Agriculture tracks developments in the US Bioeconomy with a report entitled “[Indicators of the U.S. Biobased Economy](#)” which details developments bioenergy jobs, revenues, and bio-based products.



**What kind of cooperation is needed/you suggest between countries and actors active in this field, such as the FAO, JRC Bioeconomy Observatory, in order to reach consistent and comparable country assessment and results?**

- International collaboration is vitally important to advancing the bioeconomy and promoting best practices.
- It is important to collaborate internationally on the bioeconomy based on shared values.