

## **Bioeconomy Pathways: Innovation, Development and Governance**

*Public Seminar, 13 June 2019, 9:00–11:45, KSLA, Drottninggatan 95 B, Stockholm*

The global bioeconomy has emerged as a key cross-cutting element of the overall sustainability transition in the coming decades. A modern bioeconomy offers a healthier and more prosperous future through resource efficiency, climate resilience and sustainable production systems for food, feed, fuels and value-added products and services. The emerging bioeconomy will play a valuable role—albeit quite differentiated and contextualised—across countries and regions at quite different levels of development, just as the Sustainable Development Goals were envisioned to be universal in nature. Despite wide agreement on the future significance of the bioeconomy, there is less agreement on the pathways to be taken and tensions have arisen especially between conservation-oriented vs. commercially-oriented systems, pathways and landscapes. In this seminar we discuss bioeconomy pathways in quite broad terms across different world regions, scales and sectors, emphasising the key role of innovation, the important development linkages that should be emphasised and the governance requirements.

### **09:00 Welcoming Remarks**

*Nella Canales, Research Fellow, SEI*

### **09:10 Introduction and Overview**

*Francis X. Johnson, Senior Research Fellow and Bioeconomy Initiative Leader, SEI*

*Ivar Virgin, Senior Research Fellow, SEI*

### **09:20 PART I: local to national perspectives**

*Moderator: Alarik Sandrup, Director Public and Regulatory Affairs, Lantmännen*

- Promoting a knowledge-based innovative bioeconomy for eastern Africa  
*Julius Ecuru, Bioinnovate Africa Programme Manager, ICIPE, Nairobi*
- The bioeconomy of small-scale oil palm growers in Indonesia  
*Wahida Maghraby, Agriculture Attache, Mission of Indonesia to the EU, Brussels*
- Towards a fossil-free society in Sweden: the role of the bioeconomy  
*Mårten Larsson, Deputy director general, bioeconomy & international forest policy*

### **09:50 PANEL Discussion I**

*With Julius Ecuru, Wahida Maghraby and Mårten Larsson*

### **10:10–10:25 Coffee/Tea break**

### **10:25 PART II: national to global perspectives**

*Moderator: Kerstin Niblaeus, Chair, SEI Board and Former DG for Environment and Health, EU Council of Ministers*

- Mapping the bioeconomy in Estonia and the EU  
*Kaja Peterson, Senior Researcher, SEI-Tallinn*
- A regional perspective from Latin America on the bioeconomy  
*Adrián G. Rodriguez, Economic Commission for Latin America and the Caribbean (ECLAC)*
- Developing Sustainability Indicators for the bioeconomy  
*Olivier Dubois, Senior Natural Resources Officer, FAO, Rome*
- Biofuels and the global bioeconomy: land, climate and development implications  
*Lee Lynd, Professor of Engineering and Adjunct Professor of Biology, Dartmouth College*

### **11:15 PANEL Discussion II**

*With with Kaja Peterson, Adrián G. Rodriguez, Olivier Dubois, and Lee Lynd*

### **11.35 Closing remarks**

*Måns Nilsson, Executive Director, SEI*

### **11:45 Lunch (for speakers and organisers)**

**Initiative website:** <https://www.sei.org/projects-and-tools/projects/sei-initiative-bioeconomy/>