

## Chemical industries' challenge and contribution for carbon neutral and circular society with life cycle thinking

1(TUE) Nov. 8:50am-10:30am and 13:40pm-15:20pm, 2022

### Session Organizers

Hitomi Miura, Sekisui Chemical Co., Ltd.  
Mayumi Hayashi, Sumitomo Chemical Co., Ltd.

### Session Chair

Norihiro Itsubo, Tokyo City University

### 【Program 1】

#### Opening Remarks

8:50am - 9:00am (Japan Standard Time)

Shigeru Handa  
Executive Director, Japan Chemical Industry Association

#### Invited Talk

9:00am - 9:40am

Linking decarbonization and resource circulation in the chemical industry through life cycle thinking  
Jun Nakatani  
The University of Tokyo

#### Presentation

9:40am - 9:55am

Contribution to additional reduction of Greenhouse Gases by products through the implementation of LCA methodology

Hitomi Miura, Sekisui Chemical Co., Ltd.

9:55am - 10:10am

Sumitomo Chemical's challenge for carbon neutral society 1. ~Development of carbon footprint of products (CFP) calculation system~

Tomoyuki Izumi, Sumitomo Chemical Co., Ltd.

10:10am - 10:25am

Sustainability in Teijin Group : history and future

Smitha Sundaram, Teijin Limited

#### Wrap up

10:25am - 10:30am

Norihiro Itsubo, Tokyo City University

## 【Program 2】

### Opening Remarks

1:40pm - 1:45pm (Japan Standard Time)

Norihiro Itsubo, Tokyo City University

### Invited Talk

1:45pm - 2:25pm

Dealing with upcoming European legislation as a Japanese company

Heidi Beers

Japan Business Council Europe

### Presentation

2:25pm - 2:40pm

Feasibility study of carbon circularity method based on carbon footprint analysis of Japanese petrochemical products.

Hiroyuki Fujii, Mitsubishi Chemical Corporation

2:40pm - 2:55pm

BASF approaches to reach net-zero CO2 emissions of societies

Takeshi Irie, BASF Japan Ltd.

2:55pm - 3:15pm

Role of carbon neutrality and LCA efforts in the chemical industry

Akio Konishi, Japan Chemical Industry Association

### Closing Remarks

3:15pm - 3:20pm

Mayumi Hayashi, Session Organizer,  
Sumitomo Chemical Co., Ltd.