



## NTHRYS WORKSHOPS

# Fuel Biotechnology In Renewable Energy

### 8:45 AM - 10:15 AM: Session 1: Role of Biofuels in Renewable Energy

Overview of the importance of biofuels in renewable energy.  
Hands-on session on integrating biofuels into the energy mix.  
Case studies on the impact of biofuels on energy sustainability.

### 10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Biogas Production

Exploring techniques for producing biogas from organic materials.  
Workshop on using anaerobic digestion for biogas production.  
Case studies on the applications of biogas in renewable energy.

### 12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Hydrogen Production from Biomass

Hands-on session on producing hydrogen from biomass.

Exploring techniques for biomass gasification and pyrolysis.  
Practical applications of hydrogen as a renewable energy source.

### **2:30 PM - 2:45 PM: Short Break**

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Biofuel Policy and Economics**

Workshop on the policy and economics of biofuel production.  
Practical techniques for analyzing the economic viability of biofuels.  
Case studies on the impact of policies on the biofuel industry.

### **4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break**

Last networking opportunity with snacks.

### **4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption**

Group discussions on implementing new techniques learned today.  
Dialogue on overcoming challenges in adopting new technologies in similar sectors.  
Feedback session and closing remarks.

**Certificate Issue**

### **5:30 PM: Workshop Concludes**